

toplight*24*

INDOOR

OUTDOOR

LIGHTING
2024

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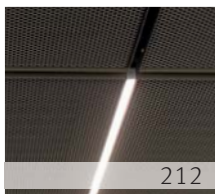
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Strahler
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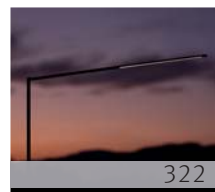
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MUSE System
24V/230V



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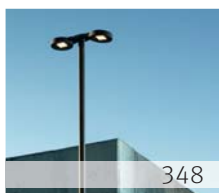
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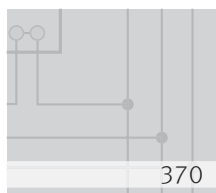
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INDOOR




3~ Schienen- und Deckenstrahler | 3~ Power-track and ceiling spotlight


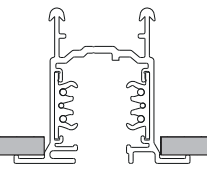
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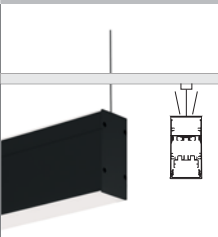
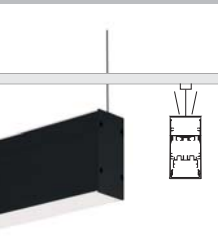
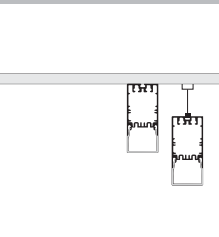
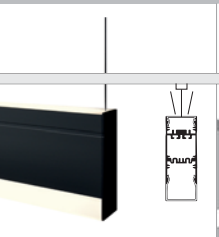
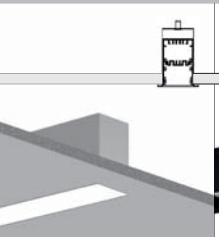
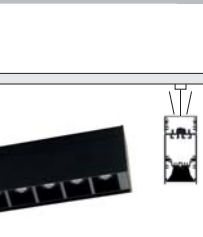
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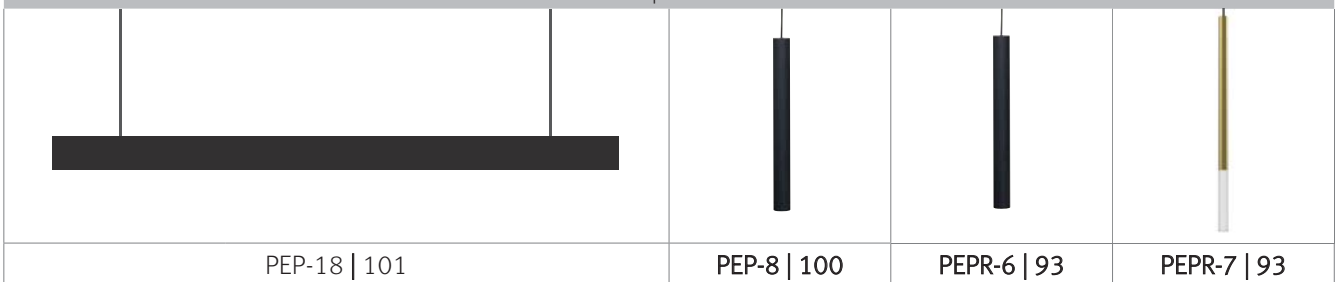
Stromschienen und Zubehör | Power Track and Accessories



Strahler | Spotlights



Pendelleuchten | Pendant luminaire





Lichteinsätze | Light inserts



Deckeneinbauleuchten | Recessed downlights

					
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Wand- und Deckenanbauleuchten | Wall and ceiling luminaires

 <p>NEW UMD 142</p>	 <p>UAL 144</p>	 <p>red dot winner product design 2023 NEW UCL 146</p>	 <p>BLE 178</p>	 <p>BLR 178</p>	 <p>NEW LKR 180</p>
 <p>NEW EDU 104</p>	 <p>APLN 158</p>	 <p>AMOS 182</p>	 <p>MAYA W 184</p>	 <p>NAT 186</p>	 <p>NATE 186</p>
 <p>LLED 194</p>	 <p>ALSF 208</p>	 <p>OLIVIO 44</p>			

Pendelleuchten | Pendant luminaires

					
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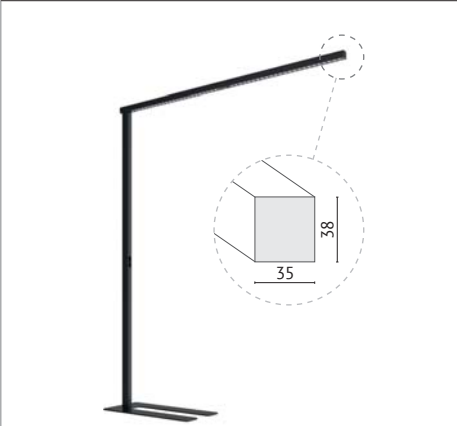

			
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Stehleuchten | Floor luminaire

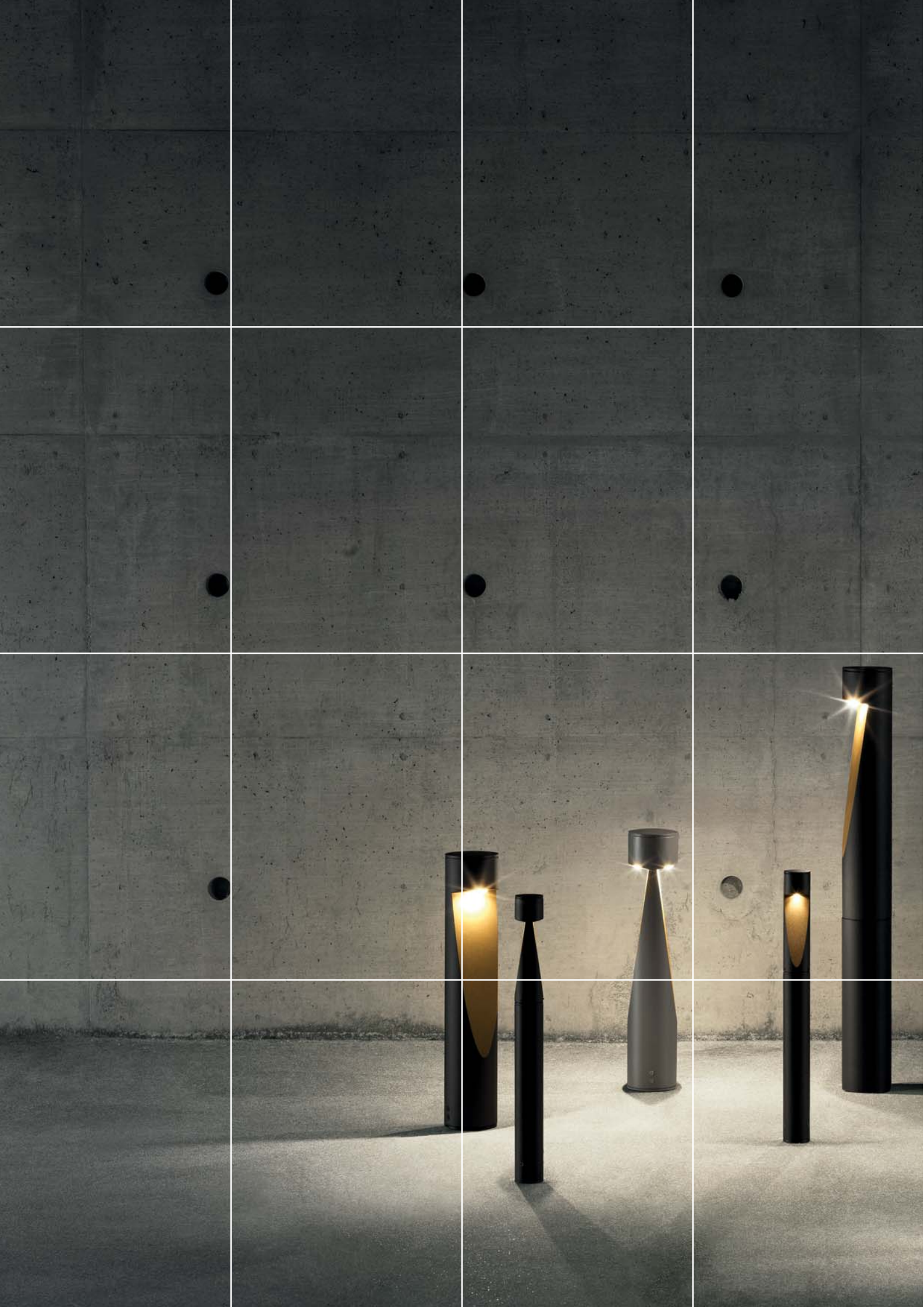
	
NEW GAL 196	NEW UOL 198

Desinfektion | Disinfection

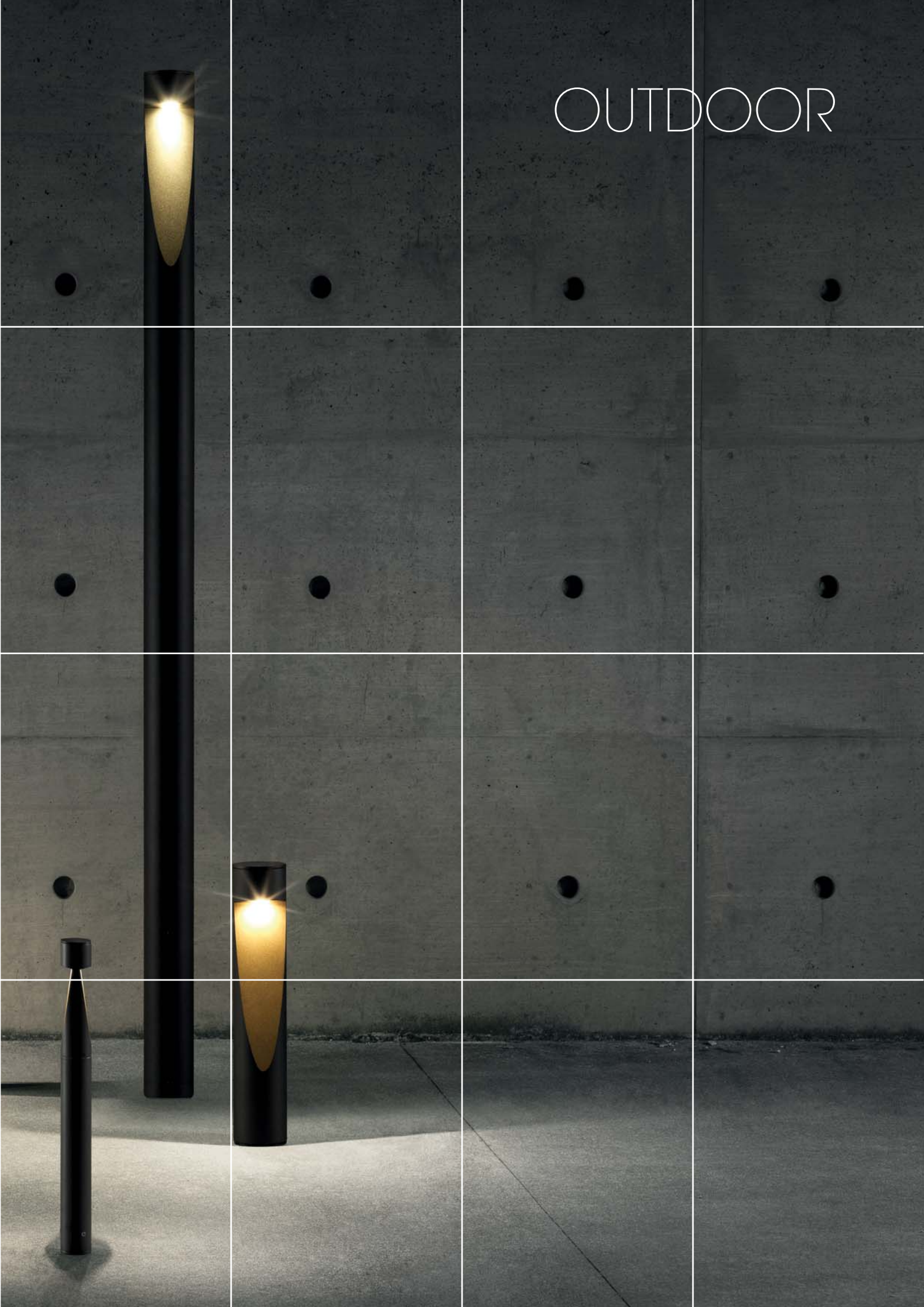
	
UVC 200	AIR CLA 202

Feuchtraumleuchten | Waterproof luminaires

			
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OUTDOOR





Bodeneinbauleuchten | Ground recessed luminaires

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Deckenanbauleuchten | Ceiling mounted luminaires

		 NEW		
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Strahler | Projector

			
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MUSE System 24V/230V | MUSE System 24V/230V

NEW				
314-317				
				
CAPSULE	STILLA	SPOT	BOX/DALI	Zubehör

FLAI System | FLAI System

NEW		
		
		
FLAI 318		

Stehleuchte | Floor luminaire

NEW	
	
BEL 322	

Wegbeleuchtung | Pathways luminaires

				
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NEW IAN 334-337	MATITA R 338	MATITA Q 340	SOFIA 342	SERVERPOINT 344

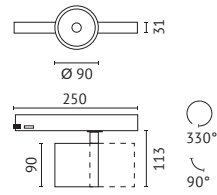
Parkplatz- und Straßenbeleuchtung | Park and street luminaires

				 1800 K
NEW IAN 348	NEW PRO 350	NEW VEN 354	NEW SKY 356	NEW TAK 358

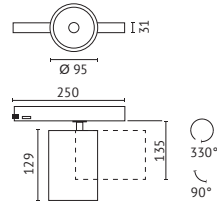
	
MIRON 360	MUSH 364



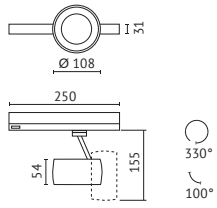
MIN



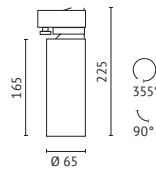
MIO



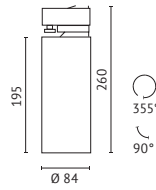
MAYA



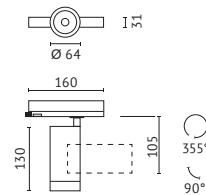
SLC-30



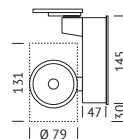
SLC-18



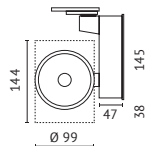
SLML



BWS-40



BWS-30



INNENLEUCHTEN
INDOOR LUMINAIRES



- LED Schienenstrahler
- Gehäuse aus Alu-Druckguss, klares Schutzglas
- COB-LED-Modul in 3 Ausstrahlwinkeln 15°/40°/60°
- Mit 3-Phasen-Elektronik-Adapter
- Schutzart: IP20
- Schutzklasse: II
- CRI >90
- Dimmbare Ausführung verfügbar (DALI)

- LED power-track-light
- Body in coated die-cast Aluminium, clear glass
- COB-LED-module with optics in 15°/40°/60°
- With electronic 3-phase adapter
- Protection rating IP20
- Protection class II
- CRI >90
- Dimmable variation available (DALI)

120lm/W

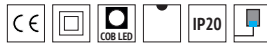


MIN | 220-240 V | LED | CRI 90



Beam Angle	Color Temp	Model	Power	Light Output
15°	4000 K	MIN-18NW11S	17 W	2381 lm
	3500 K	MIN-18WNW11S		2357 lm
	3000 K	MIN-18WW11S	2334 lm	
	2700 K	MIN-18SW11S	2287 lm	
40°	4000 K	MIN-18NW11F	17 W	2390 lm
	3500 K	MIN-18WNW11F		2366 lm
	3000 K	MIN-18WW11F	2343 lm	
	2700 K	MIN-18SW11F	2296 lm	
60°	4000 K	MIN-18NW11-60	17 W	2354 lm
	3500 K	MIN-18WNW11-60		2330 lm
	3000 K	MIN-18WW11-60	2307 lm	
	2700 K	MIN-18SW11-60	2261 lm	

MIN | 220-240 V | LED | CRI 90



Beam Angle	Color Temp	Model	Power	Light Output
15°	4000 K	MIN-25NW11S	25 W	3263 lm
	3500 K	MIN-25WNW11S		3230 lm
	3000 K	MIN-25WW11S	3198 lm	
	2700 K	MIN-25SW11S	3134 lm	
40°	4000 K	MIN-25NW11F	25 W	3299 lm
	3500 K	MIN-25WNW11F		3266 lm
	3000 K	MIN-25WW11F	3234 lm	
	2700 K	MIN-25SW11F	3169 lm	
60°	4000 K	MIN-25NW11-60	25 W	3229 lm
	3500 K	MIN-25WNW11-60		3196 lm
	3000 K	MIN-25WW11-60	3165 lm	
	2700 K	MIN-25SW11-60	3102 lm	

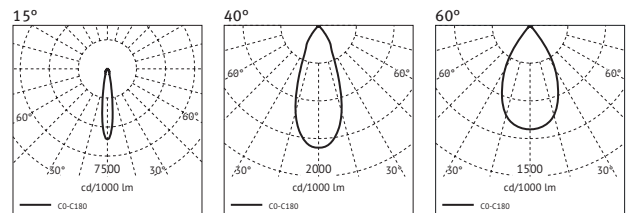
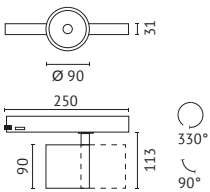
MIN | 220-240 V | LED | CRI 90



Beam Angle	Color Temp	Model	Power	Light Output
15°	4000 K	MIN-32NW11S	32 W	3973 lm
	3500 K	MIN-32WNW11S		3933 lm
	3000 K	MIN-32WW11S	3894 lm	
	2700 K	MIN-32SW11S	3817 lm	
40°	4000 K	MIN-32NW11F	32 W	3928 lm
	3500 K	MIN-32WNW11F		3888 lm
	3000 K	MIN-32WW11F	3850 lm	
	2700 K	MIN-32SW11F	3773 lm	
60°	4000 K	MIN-32NW11-60	32 W	3871 lm
	3500 K	MIN-32WNW11-60		3832 lm
	3000 K	MIN-32WW11-60	3794 lm	
	2700 K	MIN-32SW11-60	3719 lm	

Ausführung DALI ONETRACK | Version DALI ONETRACK

Code + **DDO (MIN-18NW11SDDO)**



Farben | Colors

□ Weiß | White ■ Schwarz | Black



- LED Schienenstrahler
- Gehäuse aus Alu-Druckguss, klares Schutzglas
- COB-LED-Modul in 3 Ausstrahlwinkeln 15°/36°/60°
- Mit 3-Phasen-Elektronik-Adapter
- Schutzart: IP20
- Schutzklasse: II
- CRI >90
- Dimmbare Ausführung verfügbar (DALI)

Auf Anfrage

- Version als Einhängestrahler

- LED power-track-light
- Body in coated die-cast Aluminium, clear glass
- COB-LED-module with optics in 15°/36°/60°
- With electronic 3-phase adapter
- Protection rating IP20
- Protection class II
- CRI >90
- Dimmable variation available (DALI)

On request

- Version as suspension spotlight

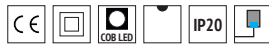


MIO | 220-240 V | LED | CRI 90

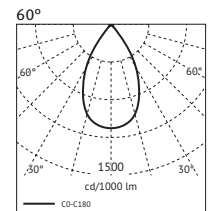
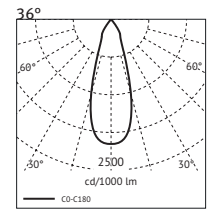
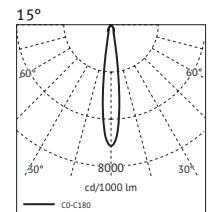


Beam Angle	Color Temperature	Model	Power	Lumen
15°	4000 K	MIO-20NW11S	25 W	3319 lm
	3500 K	MIO-20WNW11S	25 W	3285 lm
	3000 K	MIO-20WW11S	25 W	3253 lm
	2700 K	MIO-20SW11S	25 W	3188 lm
	4000 K	MIO-20NW12S	25 W	3319 lm
36°	4000 K	MIO-20NW11F	25 W	3260 lm
	3500 K	MIO-20WNW11F	25 W	3228 lm
	3000 K	MIO-20WW11F	25 W	3196 lm
	2700 K	MIO-20SW11F	25 W	3132 lm
	4000 K	MIO-20NW12F	25 W	3260 lm
60°	4000 K	MIO-20NW11-60	25 W	3302 lm
	3500 K	MIO-20WNW11-60	25 W	3269 lm
	3000 K	MIO-20WW11-60	25 W	3237 lm
	2700 K	MIO-20SW11-60	25 W	3172 lm
	4000 K	MIO-20NW12-60	25 W	3302 lm

MIO | 220-240 V | LED | CRI 90



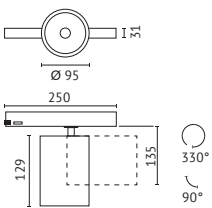
Beam Angle	Color Temperature	Model	Power	Lumen
15°	4000 K	MIO-30NW11S	34 W	4134 lm
	3500 K	MIO-30WNW11S	34 W	4092 lm
	3000 K	MIO-30WW11S	34 W	4052 lm
	2700 K	MIO-30SW11S	34 W	3971 lm
	4000 K	MIO-30NW12S	34 W	4134 lm
36°	4000 K	MIO-30NW11F	34 W	4156 lm
	3500 K	MIO-30WNW11F	34 W	4114 lm
	3000 K	MIO-30WW11F	34 W	4074 lm
	2700 K	MIO-30SW11F	34 W	3992 lm
	4000 K	MIO-30NW12F	34 W	4156 lm
60°	4000 K	MIO-30NW11-60	34 W	4107 lm
	3500 K	MIO-30WNW11-60	34 W	4066 lm
	3000 K	MIO-30WW11-60	34 W	4025 lm
	2700 K	MIO-30SW11-60	34 W	3945 lm
	4000 K	MIO-30NW12-60	34 W	4107 lm



Ausführung DALI ONETRACK | Version DALI ONETRACK

Code + **DDO (MIO-20NW11SDDO)**

120 lm/W in Vorbereitung | 120 lm/W in preparation



Farben | Colors

Weiß | White Schwarz | Black

MAYA



- LED Schienenstrahler
- Gehäuse aus lackiertem Alu-Druckguss
- COB-LED-Modul in 3 Ausstrahlwinkeln 15°/30°/42°
- Eutrac®-3-Phasen-Adapter
- 3 Standard Gehäusefarbkombinationen
- Schutzart: IP20
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil
- CRI >90

Auf Anfrage

- Ausführung in 3500 K
- Ausführung weiß/gold

- LED power-track-light
- Body in coated die-cast aluminium
- COB-LED-module with optics in 15°/30°/42°
- Eutrac®-3-phase-adapter
- 3 standard housing colours combination
- Protection Rating: IP20
- Protection Class: II
- Built in electronic power supply
- CRI >90

On request

- 3500 K version
- Finish white/gold



Ausführung Wandleuchte siehe Seite 184
Version wall luminaire see page 184



120lm/W



MAYA | 220-240 V | LED | CRI 90



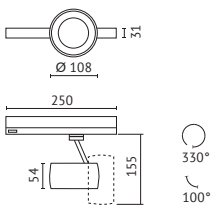
Beam Angle	Color	Model	Power	Lumen
15°	White	MAYA-25NW11-1S	19 W	2510 lm
	Black	MAYA-25NW12-2S	19 W	2460 lm
	Black/Gold	MAYA-25NW12-4S	19 W	2411 lm

Beam Angle	Color	Model	Power	Lumen
30°	White	MAYA-25NW11-1	19 W	2695 lm
	Black	MAYA-25NW12-2	19 W	2642 lm
	Black/Gold	MAYA-25NW12-4	19 W	2589 lm

Beam Angle	Color	Model	Power	Lumen
42°	White	MAYA-25NW11-1F	19 W	2485 lm
	Black	MAYA-25NW12-2F	19 W	2436 lm
	Black/Gold	MAYA-25NW12-4F	19 W	2387 lm

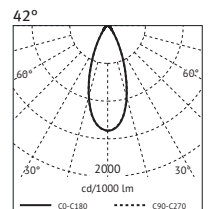
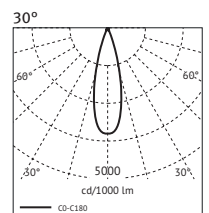
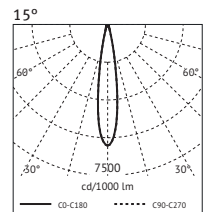
Ausführung DALI ONETRACK | Version DALI ONETRACK

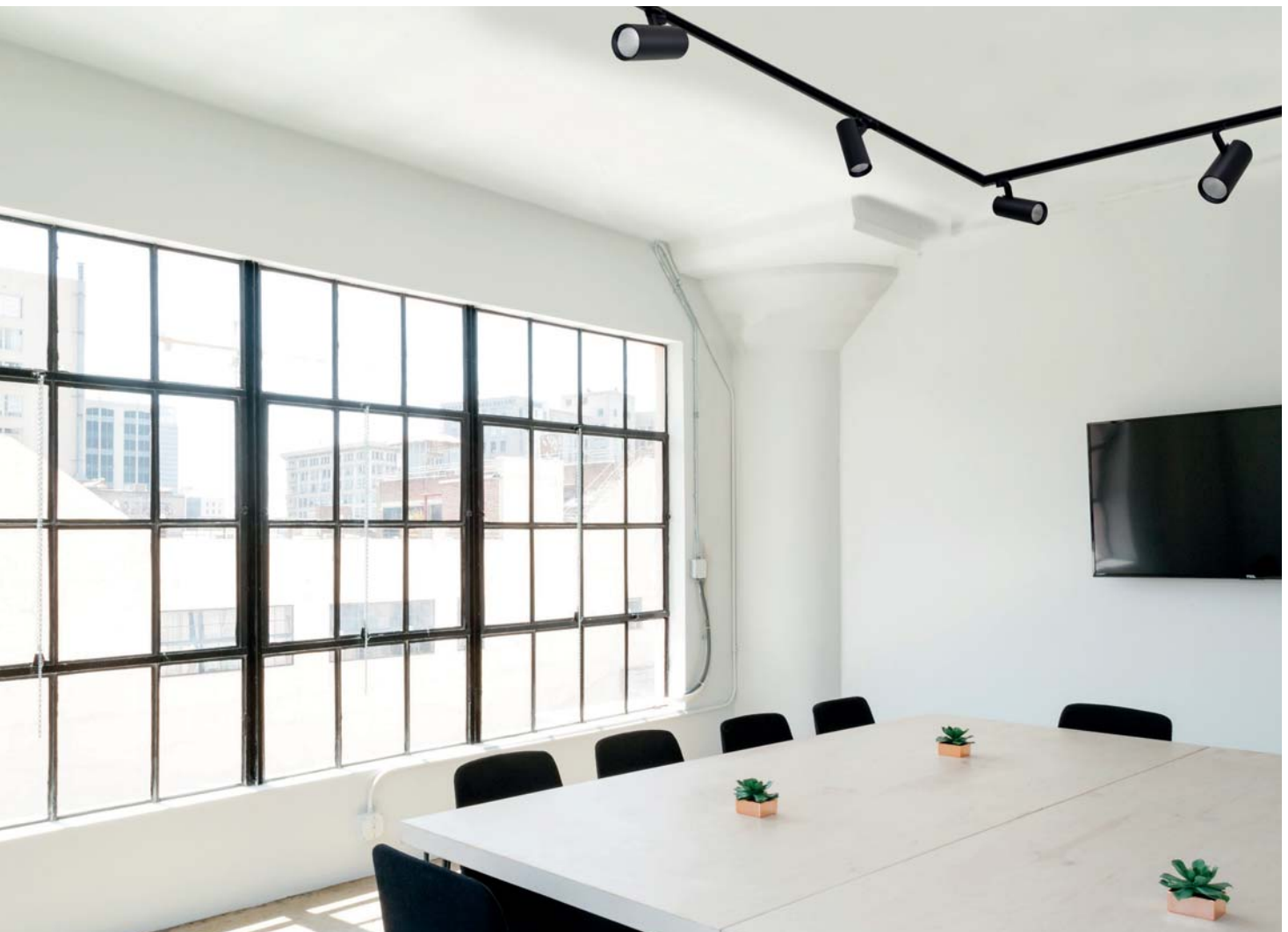
Code + **DDO** (MAYA-25NW11-1**DDO**)



Farben | Colors

White | Schwarz | Black | Schwarz/Gold | Black/gold





- LED Schienenstrahler
- Gehäuse aus lackiertem Alu-Druckguss, klares Schutzglas
- COB-LED-Modul in 3 Ausstrahlwinkeln 15°/24°/36°
- Eutrac®-3-Phasen-Adapter
- Schutzart: IP20
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil
- CRI >90
- Dimmbare Ausführung verfügbar (DALI)

Auf Anfrage

- Für Lebensmittel (Gemüse-, Back- und Fleischwaren) optimierte Versionen

- LED power-track-light
- Body in coated die-cast aluminium, clear glass
- COB-LED-module with optics in 15°/24°/36°
- Eutrac®-3-phase-adapter
- Protection Rating: IP20
- Protection Class: II
- Built in electronic power supply
- CRI >90
- Dimmable version available (DALI)

On request

- Optimized versions for groceries (vegetables, bakery and meat products)



SLC | 220-240 V | LED | CRI 90

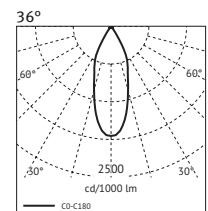
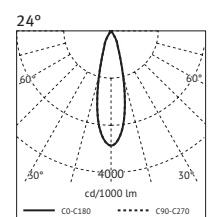
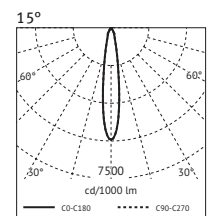


Beam Angle	Color	Power
15°	White	17 W
4000 K	SLC-18NW11S	SLC-18NW12S 1477 lm
3500 K	SLC-18WNW11S	SLC-18WNW12S 1449 lm
3000 K	SLC-18WW11S	SLC-18WW12S 1420 lm
2700 K	SLC-18SW11S	SLC-18SW12S 1363 lm
15°	Black	17 W
4000 K	SLC-18NW11	SLC-18NW12 1439 lm
3500 K	SLC-18WNW11	SLC-18WNW12 1411 lm
3000 K	SLC-18WW11	SLC-18WW12 1384 lm
2700 K	SLC-18SW11	SLC-18SW12 1328 lm
36°	White	17 W
4000 K	SLC-18NW11F	SLC-18NW12F 1451 lm
3500 K	SLC-18WNW11F	SLC-18WNW12F 1423 lm
3000 K	SLC-18WW11F	SLC-18WW12F 1395 lm
2700 K	SLC-18SW11F	SLC-18SW12F 1328 lm

SLC | 220-240 V | LED | CRI 90

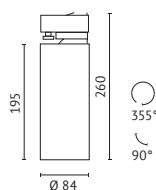
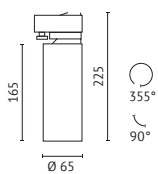


Beam Angle	Color	Power
15°	White	26 W
4000 K	SLC-30NW11S	SLC-30NW12S 2350 lm
3500 K	SLC-30WNW11S	SLC-30WNW12S 2305 lm
3000 K	SLC-30WW11S	SLC-30WW12S 2260 lm
2700 K	SLC-30SW11S	SLC-30SW12S 2170 lm
15°	Black	26 W
4000 K	SLC-30NW11	SLC-30NW12 2478 lm
3500 K	SLC-30WNW11	SLC-30WNW12 2431 lm
3000 K	SLC-30WW11	SLC-30WW12 2383 lm
2700 K	SLC-30SW11	SLC-30SW12 2288 lm
36°	White	26 W
4000 K	SLC-30NW11F	SLC-30NW12F 2477 lm
3500 K	SLC-30WNW11F	SLC-30WNW12F 2430 lm
3000 K	SLC-30WW11F	SLC-30WW12F 2382 lm
2700 K	SLC-30SW11F	SLC-30SW12F 2287 lm



Ausführung DALI ONETRACK | Version DALI ONETRACK

Code + **DDO (SLC-18NW11SDDO)**



Farben | Colors

□ Weiß | White ■ Schwarz | Black

SLML^N / SLMIN

120lm/W

LED

- LED und GU10 Schienenstrahler
- Grundkörper aus lackiertem Alu-Druckguss
- LED oder Fassung GU10 (nur für LED Leuchtmittel geeignet)
- LED Version Ausstrahlwinkel 20° und 40°
- Dreh- und schwenkbar
- Schutzart: IP20
- Schutzklasse: I

- LED and GU10 power-track-spotlight
- Body in coated die-cast aluminium
- LED or socket GU10 (only suitable for LED lamps)
- Beam angle LED version 20° and 40°
- Rotatable and swiveling
- Protection Rating: IP20
- Protection Class: I



GU10



GU10

LED

3-Phasen-Adapter | 3-phase-adaptor



SLML-12 | 220-240 V | LED | CRI 90

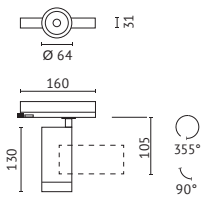


∠ 20°	□	■	12 W
4000 K	SLML-12NW11	SLML-12NW12	1553 lm
3500 K	SLML-12WNW11	SLML-12WNW12	1537 lm
3000 K	SLML-12WW11	SLML-12WW12	1522 lm
2700 K	SLML-12SW11	SLML-12SW12	1491 lm

∠ 40°	□	■	12 W
4000 K	SLML-12NW11F	SLML-12NW12F	1663 lm
3500 K	SLML-12WNW11F	SLML-12WNW12F	1646 lm
3000 K	SLML-12WW11F	SLML-12WW12F	1630 lm
2700 K	SLML-12SW11F	SLML-12SW12F	1597 lm

Ausführung DALI ONETRACK | Version DALI ONETRACK

Code + **DDO (SLML-12NW11DDO)**



120lm/W

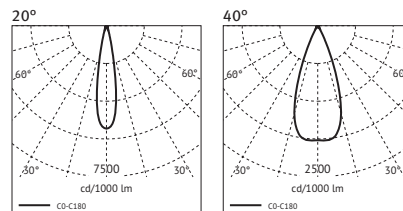


SLML-16 | 220-240 V | LED | CRI 90



∠ 20°	□	■	16 W
4000 K	SLML-16NW11	SLML-16NW12	1979 lm
3500 K	SLML-16WNW11	SLML-16WNW12	1959 lm
3000 K	SLML-16WW11	SLML-16WW12	1940 lm
2700 K	SLML-16SW11	SLML-16SW12	1892 lm

∠ 40°	□	■	16 W
4000 K	SLML-16NW11F	SLML-16NW12F	2133 lm
3500 K	SLML-16WNW11F	SLML-16WNW12F	2111 lm
3000 K	SLML-16WW11F	SLML-16WW12F	2091 lm
2700 K	SLML-16SW11F	SLML-16SW12F	2049 lm



GU10

3-Phasen-Adapter | 3-phase-adaptor



SLMN | 230V GU10 (max. 7 W)



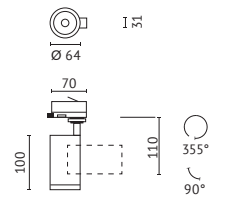
1x GU10
Ø64 x H145 mm

SLMN-10011 **SLMN-10012**

Lieferung ohne Leuchtmittel
Delivery without illuminant

Leuchtmittel | Lamp
QPAR 51 max. 7 W/230V GU10

LVK ist abhängig vom
verwendeten Leuchtmittel
IDC depends on the used lamp



Farben | Colors

□ Weiß | White ■ Schwarz | Black

BWS 30



- LED Schienenstrahler
- Gehäuse aus lackiertem Alu-Druckguss, klares Schutzglas
- COB-LED-Modul in 4 Ausstrahlwinkeln 15°/24°/40°/60°
- Eutrac®-3-Phasen-Adapter
- 4 Standard Gehäusefarbkombinationen (andere Farbkombinationen auf Anfrage)
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil (Standard: 30.000h / 50.000h auf Anfrage)
- CRI >90

Auf Anfrage

- Dimmbare Version
- Anbaumontage mit Deckenrosette
- Einhängestrahler für Rasterdecken
- Für Lebensmittel (Gemüse-, Back- und Fleischwaren) optimierte Versionen

- LED power-track-light
- Body in coated die-cast aluminium, clear glass
- COB-LED-module with optics in 15°/24°/40°/60°
- Eutrac®-3-phase-adapter
- 4 standard housing colours combination (other colour combinations on request)
- Protection Rating: IP20
- Protection Class: I
- Built in electronic power supply (standard 30.000h / 50.000h on request)
- CRI >90

On request

- Dimmable version
- Surface mounted with ceiling rose
- Spotlight to hang in grid ceilings
- Optimized versions for groceries (vegetables, bakery and meat products)

Stromschienen | Power-tracks

Siehe ab Seite 50 | See from page 50

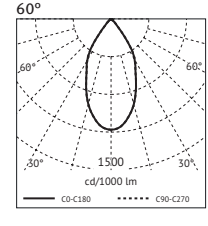
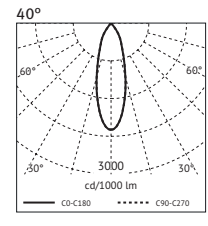
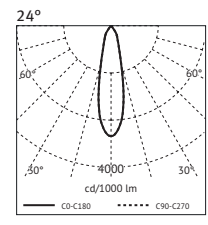
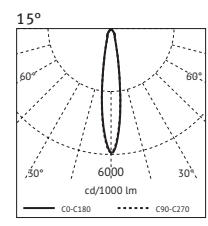
Ab/From
01/2024
120lm/W



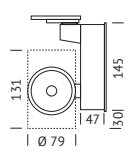
BWS-30 | 220-240 V | LED | CRI 90



Beam Angle	Color	Finish	Power
15°	4000 K	BWS-30NW11-1S	27 W
	3500 K	BWS-30WNW11-1S	3430 lm
	3000 K	BWS-30WW11-1S	3242 lm
	2700 K	BWS-30SW11-1S	3210 lm
24°	4000 K	BWS-30NW12-1S	27 W
	3500 K	BWS-30WNW12-1S	3449 lm
	3000 K	BWS-30WW12-1S	3415 lm
	2700 K	BWS-30SW12-1S	3381 lm
40°	4000 K	BWS-30NW17-1S	27 W
	3500 K	BWS-30WNW17-1S	3491 lm
	3000 K	BWS-30WW17-1S	3456 lm
	2700 K	BWS-30SW17-1S	3422 lm
60°	4000 K	BWS-30NW12-1-60	27 W
	3500 K	BWS-30WNW12-1-60	3491 lm
	3000 K	BWS-30WW12-1-60	3377 lm
	2700 K	BWS-30SW12-1-60	3344 lm



Ausführung DALI ONETRACK | Version DALI ONETRACK
Code + **DDO (BWS-30NW11-1DDO)**



120 lm/W in Vorbereitung | 120 lm/W in preparation

Farben | Colors
 Weiß | White
 Schwarz | Black
 Schwarz/Weiß | Black/White
 Alugrau | Aluminium

BWS 40



- LED Schienenstrahler
- Gehäuse aus lackiertem Alu-Druckguss, klares Schutzglas
- COB-LED-Modul in 4 Ausstrahlwinkeln 15°/24°/40°/60°
- Eutrac®-3-Phasen-Adapter
- 4 Standard Gehäusefarbkombinationen (andere Farbkombinationen auf Anfrage)
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil (Standard: 30.000h / 50.000h auf Anfrage)
- CRI >90

Auf Anfrage

- Dimmbare Version
- Anbaumontage mit Deckenrosette
- Einhängestrahler für Rasterdecken
- Für Lebensmittel (Gemüse-, Back- und Fleischwaren) optimierte Versionen

- LED power-track-light
- Body in coated die-cast aluminium, clear glass
- COB-LED-module with optics in 15°/24°/40°/60°
- Eutrac®-3-phase-adapter
- 4 standard housing colours combination (other colour combinations on request)
- Protection Rating: IP20
- Protection Class: I
- Built in electronic power supply (standard 30.000h / 50.000h on request)
- CRI >90

On request

- Dimmable version
- Surface mounted with ceiling rose
- Spotlight to hang in grid ceilings
- Optimized versions for groceries (vegetables, bakery and meat products)

Stromschienen | Power-tracks

Siehe ab Seite 50 | See from page 50

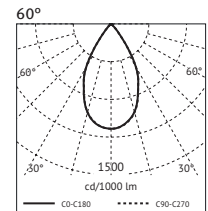
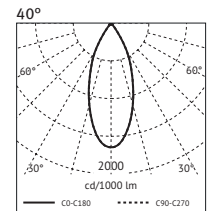
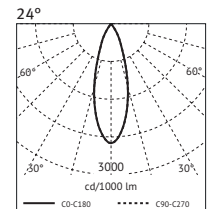
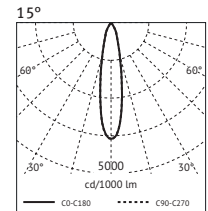
Ab/From
01/2024
120lm/W



BWS-40 | 220-240 V | LED | CRI 90



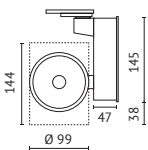
Beam Angle	Color	Finish	Power
15°	4000 K	BWS-40NW11-1S	39 W
	3500 K	BWS-40WNW11-1S	5182 lm
	3000 K	BWS-40WW11-1S	5131 lm
	2700 K	BWS-40SW11-1S	5081 lm
24°	4000 K	BWS-40NW12-1S	39 W
	3500 K	BWS-40WNW12-1S	5257 lm
	3000 K	BWS-40WW12-1S	5205 lm
	2700 K	BWS-40SW12-1S	5154 lm
40°	4000 K	BWS-40NW17-7S	39 W
	3500 K	BWS-40WNW17-7S	5347 lm
	3000 K	BWS-40WW17-7S	5294 lm
	2700 K	BWS-40SW17-7S	5242 lm
60°	4000 K	BWS-40NW12-1-F	39 W
	3500 K	BWS-40WNW12-1-F	5137 lm
	3000 K	BWS-40WW12-1-F	5217 lm
	2700 K	BWS-40SW12-1-F	5166 lm
60°	4000 K	BWS-40NW17-7-F	39 W
	3500 K	BWS-40WNW17-7-F	5115 lm
	3000 K	BWS-40WW17-7-F	5115 lm
	2700 K	BWS-40SW17-7-F	5013 lm



Ausführung DALI ONETRACK | Version DALI ONETRACK

Code + **DDO (BWS-40NW11-1DDO)**

120 lm/W in Vorbereitung | 120 lm/W in preparation



Farben | Colors

Weiß | White
 Schwarz | Black
 Schwarz/Weiß | Black/White
 Alugrau | Aluminium



- LED Schienenstrahler
- Gehäuse aus lackiertem Alu-Druckguss, klares Schutzglas
- COB-LED-Modul, Ausstrahlwinkel 40°
- Eutrac®-3-Phasen-Adapter
- Schwenkbereich 0-90°
- Drehbereich Schienenstrahler an der Schiene: 0-355°
- Schutzart: IP20
- Schutzklasse: II
- Zwei integrierte elektronische Versorgungsteile – nicht einzeln schaltbar (Standard: 30.000h / 50.000h auf Anfrage)

- LED power-track-light
- Body in coated die-cast aluminium, clear glass
- COB-LED-module, optic 40°
- Eutrac®-3-phase-adapter
- Pivoting range 0-90°
- Turning range power-track-spotlight on power track: 0-355°
- Protection Rating: IP20
- Protection Class: II
- Two built in electronic power supplies - not individually switchable (standard 30.000h / 50.000h on request)



IVI | 220-240 V | LED | CRI 80

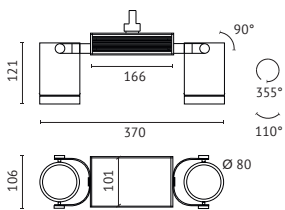
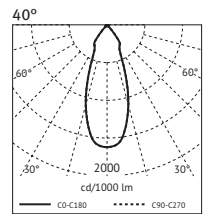


3000 K

56 W

△ 40° **IVI-230WW11F**

4586 lm S



Farben | Colors

Weiß | White

OLIVIO



- Schienen- und Deckenstrahler
- Schienenstrahler mit 3-Phasen-Adapter
- Grundkörper aus lackiertem Alu-Druckguss
- Dreh- und schwenkbar
- Fassung GU10 (nur für LED Leuchtmittel geeignet)
- Schutzart: IP20
- Schutzklasse: I

- Power-track and ceiling spotlights
- Power-track-spotlight with 3-phase-adaptor
- Body in coated die-cast aluminium
- Rotatable and swiveling
- Socket GU10 (only suitable for LED lamps)
- Protection Rating: IP20
- Protection Class: I



OLIVIO | 230V GU10 (4 W)



3-Phasen-Adapter | 3-phase-adapter

1x GU10

Ø82 x H135/H95 mm



OLI-10011 **OLI-10012**



OLIVIO | 230V GU10 (4 W)



Deckenrosette | Ceiling rosette

1x GU10

Ø82 x H105 mm



OLI-10001 **OLI-10002**



OLIVIO | 230V GU10 (4 W)



Dreh- und schwenkbar | Rotates and swivels

2x GU10

L405 x B82x H110mm



OLI-21 **OLI-22**



OLIVIO | 230V GU10 (4 W)



Dreh- und schwenkbar | Rotates and swivels

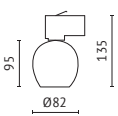
3x GU10

L612 x B82 x H110mm

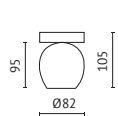


OLI-31 **OLI-32**

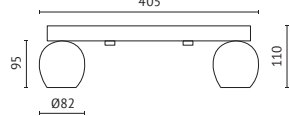
OLI-1001x



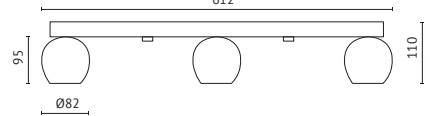
OLI-1000x



OLI-2x



OLI-3x



Farben | Colors

□ Weiß | White

■ Schwarz | Black

Leuchtmittel | Lamp

4 W/2700 K

Lieferung ohne Leuchtmittel | Delivery without illuminant



- LED Flat Panel für Stromschienen
- Mit 3-Phasen Adapter
- Integriertes elektronisches Versorgungsteil von namhaften Hersteller wie Osram, Philips, Tridonic etc.
- Gehäuse Alu-Druckguss, pulverbeschichtet schwarz oder weiß
- Ausstrahlwinkel: 30°/60°/90°/DA
- Drehbar
- CRI >90
- Schutzart: IP20
- Schutzklasse: I

- LED Flat Panel for 3-phase power track
- With 3-phase adapter
- Built in electronic power supply from well-known manufacturers like Osram, Philips, Tridonic etc.
- Body aluminum die-cast, powder coated black or white
- Beam angle: 30°/60°/90°/DA
- Rotatable
- CRI >90
- Protection Rating: IP20
- Protection Class: I



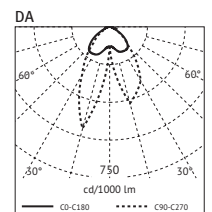
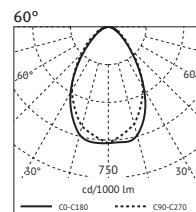
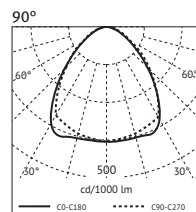
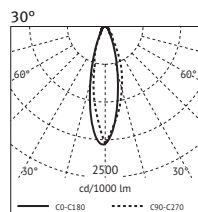
62 W | 220-240 V | 50/60 Hz | LED | CRI 90

78 W | 220-240 V | 50/60 Hz | LED | CRI 90

30°		60°		90°		20° Doppelt asymmetrisch													
4000 K	TFP-60NW11S	8269 lm	TFP-60NW12S	8153 lm	4000 K	TFP-60NW11	8352 lm	TFP-60NW12	8238 lm	4000 K	TFP-60NW11F	8442 lm	TFP-60NW12F	8364 lm	4000 K	TFP-60NW11DA	8648 lm	TFP-60NW12DA	8748 lm
3000 K	TFP-60WW11S	7774 lm	TFP-60WW12S	7569 lm	3000 K	TFP-60WW11	7848 lm	TFP-60WW12	7611 lm	3000 K	TFP-60WW11F	7787 lm	TFP-60WW12F	7700 lm	3000 K	TFP-60WW11DA	8227 lm	TFP-60WW12DA	8074 lm

30°		60°		90°		20° Doppelt asymmetrisch													
4000 K	TFP-80NW11S	10181 lm	TFP-80NW12S	10061 lm	4000 K	TFP-80NW11	10311 lm	TFP-80NW12	10162 lm	4000 K	TFP-80NW11F	10426 lm	TFP-80NW12F	10162 lm	4000 K	TFP-80NW11DA	10738 lm	TFP-80NW12DA	10691 lm
3000 K	TFP-80WW11S	9593 lm	TFP-80WW12S	9520 lm	3000 K	TFP-80WW11	9675 lm	TFP-80WW12	9451 lm	3000 K	TFP-80WW11F	9899 lm	TFP-80WW12F	9451 lm	3000 K	TFP-80WW11DA	10167 lm	TFP-80WW12DA	10080 lm

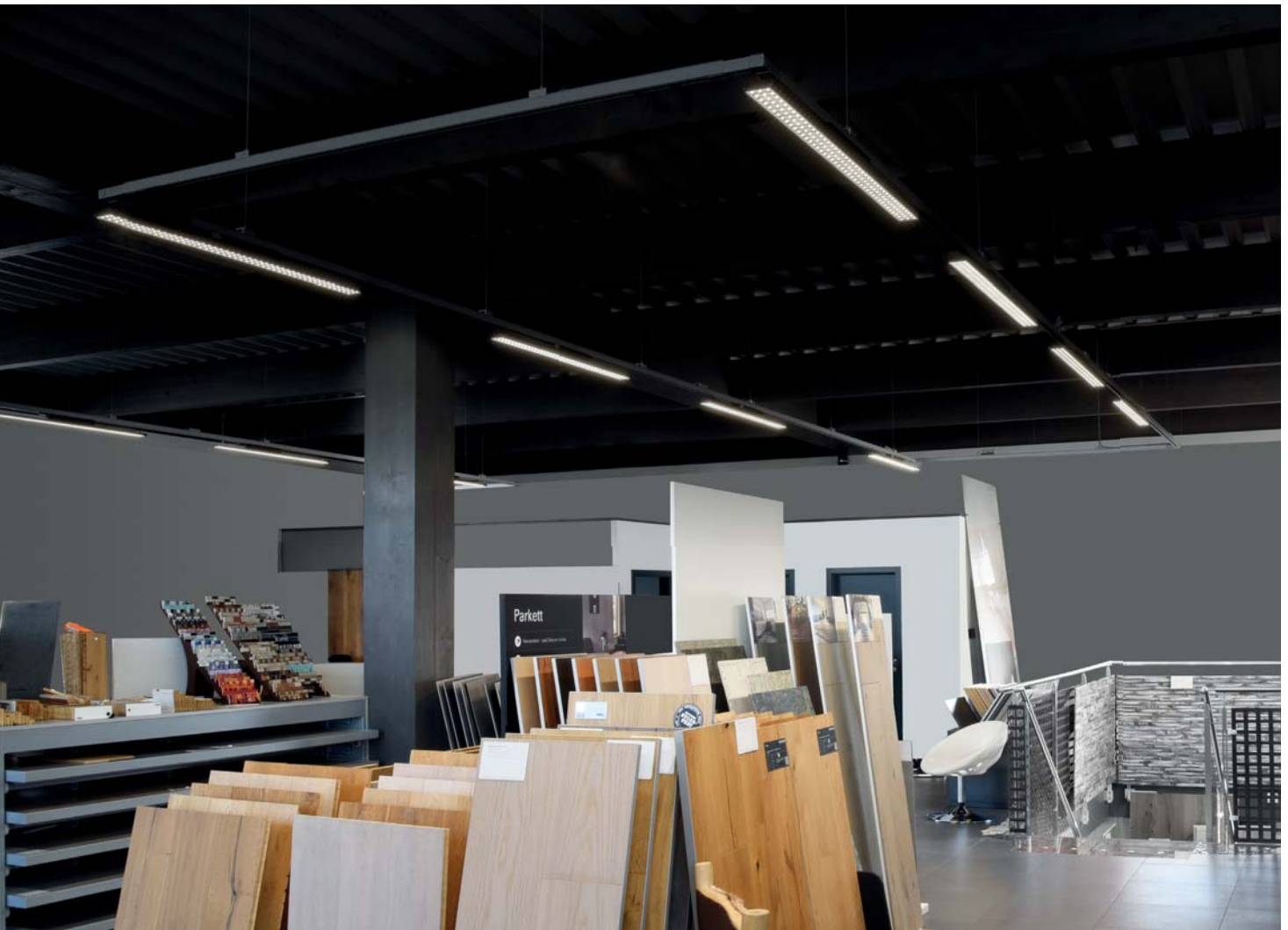
L582*B/W190*H116 mm



Farben | Colors

Weiß | White Schwarz | Black





- Lineare LED Stromschienenleuchte
- Mit 3-Phasen Adapter
- Integriertes elektronisches Versorgungsteil von namhaften Hersteller wie Osram, Philips, Tridonic etc.
- Gehäuse Alu-Druckguss, pulverbeschichtet schwarz oder weiß
- Ausstrahlwinkel: 30/90° sowie doppelt asymmetrisch
- CRI >90
- Schutzart: IP20
- Schutzklasse: I

Auf Anfrage

- Gehäusefarbe alu-grau
- Dimmbar über Phasenabschnitt

- Linear LED power-track-light
- With 3-phase adapter
- Built in electronic power supply from well-known manufacturers like Osram, Philips, Tridonic etc.
- Body aluminum die-cast, powder coated black or white
- Beam angle: 30/90 ° and double asymmetrical
- CRI >90
- Protection Rating: IP20
- Protection Class: I

On request

- Housing colour aluminium-grey
- Dimmable with phase cut (trailing edge)



BRICK | 220-240 V | 50/60 Hz | LED | CRI 90



L1160*B/W80*H80 mm

Beam Angle	Color	Power	4000 K	3000 K
30°	White	40 W	BRI-40NW11	BRI-40WW11
	Black		BRI-40NW12	BRI-40WW12
			5080 lm	4870 lm

Beam Angle	Color	Power	4000 K	3000 K
90°	White	40 W	BRI-40NW11F	BRI-40WW11F
	Black		BRI-40NW12F	BRI-40WW12F
			5454 lm	5236 lm

Beam Angle	Color	Power	4000 K	3000 K
Doppelt asymmetrisch Double asymmetrical	White	40 W	BRI-40NW11DA	BRI-40WW11DA
	Black		BRI-40NW12DA	BRI-40WW12DA
			5832 lm	5599 lm

BRICK | 220-240 V | 50/60 Hz | LED | CRI 90

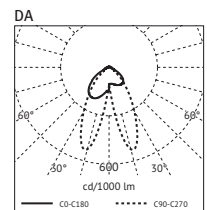
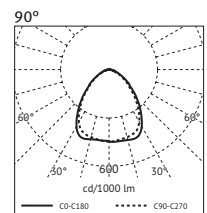
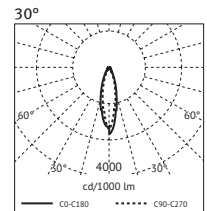


L1160*B/W80*H80 mm

Beam Angle	Color	Power	4000 K	3000 K
30°	White	60 W	BRI-60NW11	BRI-60WW11
	Black		BRI-60NW12	BRI-60WW12
			8142 lm	7816 lm

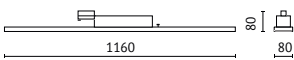
Beam Angle	Color	Power	4000 K	3000 K
90°	White	60 W	BRI-60NW11F	BRI-60WW11F
	Black		BRI-60NW12F	BRI-60WW12F
			7771 lm	7460 lm

Beam Angle	Color	Power	4000 K	3000 K
Doppelt asymmetrisch Double asymmetrical	White	60 W	BRI-60NW11DA	BRI-60WW11DA
	Black		BRI-60NW12DA	BRI-60WW12DA
			8761 lm	8411 lm



Ausführung DALI ONETRACK | Version DALI ONETRACK

Code + **DDO (BRI-60WW11DADDO)**



Farben | Colors

WeiB | White Schwarz | Black



- Stromschienensystem für Aufbau- und Pendelmontage
- Profil aus stranggepresstem Aluminium
- 3 Standard Profilfarben
- 4 Kupferleiter (2,5 mm²) in Kunststoffbahnen eingebettet
- Vorgestanzte Befestigungslöcher
- Längenanpassung durch Absägen möglich, kein zeitaufwendiges Rückschneiden oder Biegen der Schutzleiter mit speziellem Werkzeug erforderlich
- 220-240 V max. 3 x 16 A
- PVC-Abdeckung 1000 mm auf Anfrage (Weiß und Schwarz)

Farben für Stromschienen (standardmäßig beschichtet)

- Weiß ähnlich RAL 9016
- Schwarz ähnlich RAL 9005
- Silber ist eloxiert E6/EV1

Farben für Systemteile und Adaptern

- Weiß ähnlich RAL 9016
- Schwarz ähnlich RAL 9005
- Grau ähnlich RAL 7038
- Silber lackiert ähnlich RAL 9006

- Zubehör ab Seite 52
- Planungsschema Seite 55

- Power-track-system for ceiling mounted or pendant installation
- Extruded aluminium profile
- 3 standard profile colours
- 4 copper conductors (2,5 mm²) embedded in plastics
- Pre-punched mounting holes for installation
- Adaption of length by sawing, no time-consuming cutting back or bending of the protective conductors with special tools required
- 220-240 V max. 3 x 16 A
- PVC cover 1000 mm on request (white and black)

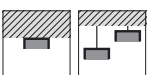
Colours for power tracks (standard coated)

- White, similar to RAL 9016
- Black, similar to RAL 9005
- Silver, anodized E6/EV1

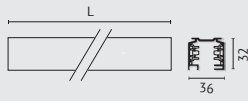
Colours for system components and adaptors

- White, similar to RAL 9016
- Black, similar to RAL 9005
- Grey, similar to RAL 7038
- Varnished in silver, similar to RAL 9006

- Accessories see page 52
- Planning scheme see page 55



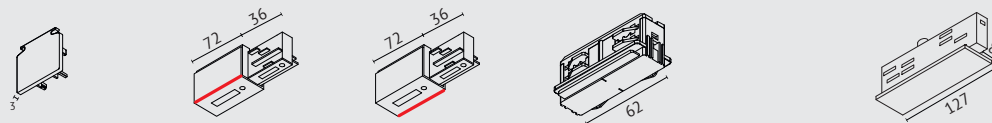
TRACK ON
Stromschiene | Power-track



	L.1000 mm	L.2000 mm	L.3000 mm	L.4000 mm
	SCH-101N	SCH-201N	SCH-301N	SCH-401N
	SCH-102	SCH-202	SCH-302	SCH-402
	SCH-107	SCH-207	SCH-307	SCH-407

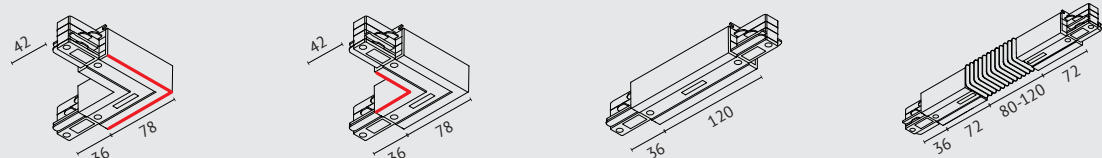


Zubehör | Accessories

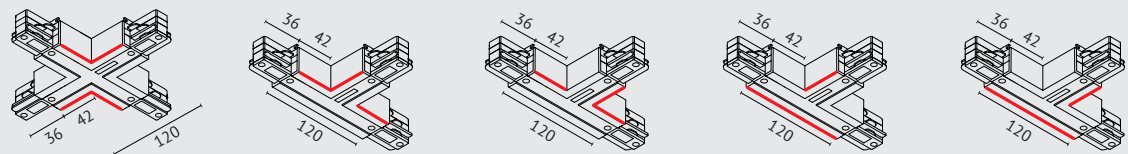


Endkappe End-cap	Einspeiser End-feed	Einspeiser End-feed	Längsverbinder Straight connector	Mitteneinspeiser Mid-feed
	SCH-012171N	SCH-112011N	SCH-112021N	SCH-112061N
	SCH-012172	SCH-112012	SCH-112022	SCH-112062
	SCH-012177	SCH-112017	SCH-112027	SCH-112067
	Schutzleiter rechts Ground right	Schutzleiter links Ground left	Innenliegend, bei Seil- und Pendelaufhängung aus statischen Gründen Stoßstellenverbinder separat bestellen. To join two sections of track electrically. For static reasons order mechanical coupler if suspended via pendant rod or wire.	Für bauseitige Profilbohrung an beliebiger Stelle ohne Teilung der Stromschiene positionierbar. To be placed anywhere along the track; track cutting not required.

Verbinder mit Einspeisemöglichkeit | Connector with feeding option



Eckverbinder L-connector	Eckverbinder L-connector	Längsverbinder Straight connector	Flexverbinder Flexible connector
	SCH-112091N	SCH-112101N	SCH-112111N
	SCH-112092	SCH-112102	SCH-112112
	SCH-112097	SCH-112107	SCH-112118 grau grey
Schutzleiter außen Ground outside	Schutzleiter innen Ground inside		Biegeradius von 30° bis 330° 30° to 330° bending radius



X-Verbinder X-connector	T-Verbinder T-connector	T-Verbinder T-connector	T-Verbinder T-connector	T-Verbinder T-connector
	SCH-112161N	SCH-112121N	SCH-112131N	SCH-112141N
	SCH-112162	SCH-112122	SCH-112132	SCH-112142
	SCH-112167	SCH-112127	SCH-112137	SCH-112147
	Schutzleiter innen, rechts Ground inside, right	Schutzleiter innen, links Ground inside, left	Schutzleiter außen, rechts Ground outside, right	Schutzleiter außen, links Ground outside, left

Farben | Colors

Weiß | White Schwarz | Black Silber | Silver

TRACK ON



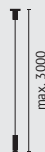
Stahlseilabhängung | Steel cord suspension

SCH-3187 L.1500 mm

SCH-3197 L.3000 mm

SCH-6207 L.6200 mm

Zu verwenden mit Pendelclip oder Stoßstellenverbinder,
höhenverstellbar, verzinkt
To be used with pendant clip or mechanical coupler,
height adjustable, galvanized

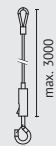
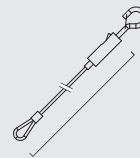


Standard-Seilabhängung | Standard steel suspension

SCH-6410 L.1500 mm

SCH-6430 L.3000 mm

Für vorhandene Profilbohrungen
(keine Befestigungsklammer notwendig),
höhenverstellbar, vernickelt
Suspension no additional clips needed,
height adjustable, nickel-plated



Seil mit Schnellabhänger | Steel wire with fast hanger

● **SCH-6790** L.3000 mm

Für Halteclip, höhenverstellbar, silber
Fastening clip, height-adjustable, silver



Rohrpendelaufhängung | Pendant rod

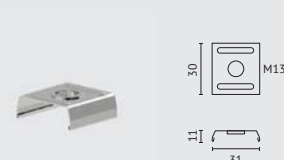
- SCH-9051N**
- SCH-9052**
- SCH-9057**



Rohrpendelaufhängung | Pendant rod

- SCH-9061N**
- SCH-9062**
- SCH-9067**

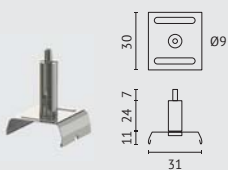
Zu verwenden mit Pendelclip (SCH-075x) oder Stoßstellenverbinder (SCH-123x) und Stromschiene Clip (SCH-M13x), höhenverstellbar, verzinkt
 To be used with pendant clip (SCH-075x) or mechanical coupler (SCH-123x) and power track clip (SCH-M13x), height adjustable, galvanized



Stromschiene Clip | Power track clip

- SCH-M131N**
- SCH-M132**
- SCH-M137**

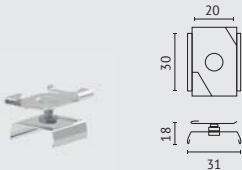
Für Rohrpendelaufhängung für Ø13 mm, vernickelt
 For tube pendant rod for Ø13 mm, nickel-plated



Gripper mit Stromschieneclip
 Gripper with clip

- SCH-1511**
- SCH-1512**
- SCH-1517**

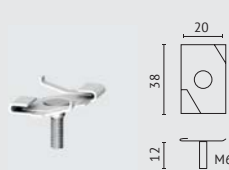
Passend für Eutrac Stromschiene
 Max. Seil Ø1,5 mm
 Suitable for Eutrac-power-track
 Max. suspension Ø1,5 mm



Deckenclip
 Clip for ceiling grid

- SCH-001KLN**

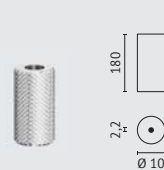
Für Rasterdecken mit Klammer
 For ceiling grid with fastener



Deckenclip
 Clip for ceiling grid

- SCH-001N**

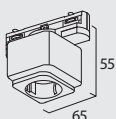
M6 für Rasterdecken
 M6 for ceiling grid



Kappe für Deckenclip
 Cap for ceiling grid clip

- SCH-008**

M6 mit Rändelung, Bohrung 2,2 mm
 M6 with curl, hole 2,2 mm



Steckdosen-Multi-Adapter | Power-socket adapter

- SCH-0951N**
- SCH-0952**

Sicherung, 6,3A träge | With idle 6,3A time-lag fuse
 Kompatibel zu ONETRACK | Compatible to ONETRACK

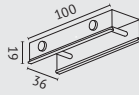
Farben | Colors

- Weiß | White
- Schwarz | Black
- Silber | Silver



Pendelclip | Pendant clip

- SCH-0751N**
- SCH-0752**
- SCH-0757**



Stoßstellenverbinder
Mechanical coupler

- SCH-1231N**
- SCH-1232**
- SCH-1237**

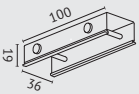


Pendelclip
Pendant clip

- **SCH-6980**

Verzinkt | Galvanized

Erforderliches Zubehör für Rohr- und Seilpendel | Necessary accessories for steel cable or pendant rod



Stoßstellenverbinder | Mechanical coupler

- SCH-6990**

Verzinkt | Galvanized

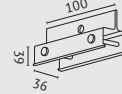
Für Abhängung mit Schnellabhänger oder Ketten | For suspension with fast hanger or chain



Pendelclip | Pendant clip

- SCH-6970**

Verzinkt | Galvanized



Stoßstellenhalteclip | Mechanical coupler

- SCH-6720**

Verzinkt | Galvanized

Nicht kompatibel mit ONETRACK | Not compatible with ONETRACK



LA-40 UniCompact Adapter mit Datenbus-Option
LA-40 universal adapter with data bus option

- LA-40N**
- LA-40SW**

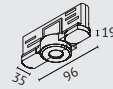
Zur Befestigung von Strahlern und Leuchten oder zur Ausspeisung.
Inkl. 2 Montagenippel für Pendelmontage M10x1 und Bügelmontage M10x1 und 2 Patentschieber.
To fix spotlights and luminaires.
Incl. 2 different retaining collars (for pendant rod M10x1 and for bracket M10x1) and 2 smart sliders.



Datenbusabgriff
Data bus contacts

- 98-657-0**

Mit SELV-Sicherheitsbaustein
With SELV safety device



LA-50 UniCompact Adapter mit Datenbus-Option
LA-50 universal adapter with data bus option

- LA-50N**
- LA-50SW**
- LA-50SI**

Zur Befestigung von Strahlern und Leuchten oder zur Ausspeisung.
Verwendung in Verbindung mit diversen Montagenippeln (Polycarbonat).
To fix spotlights and luminaires.
To be used with different retaining collars (Polycarbonate).



Datenbusabgriff
Data bus contacts

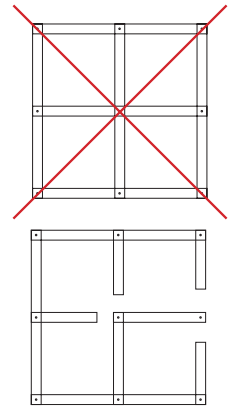
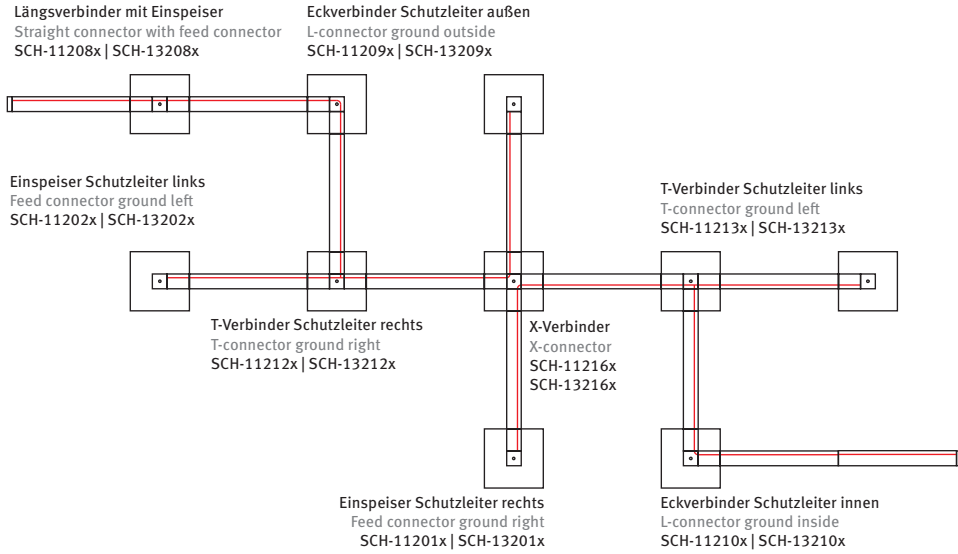
- 99-698-0**

Mit SELV-Sicherheitsbaustein
With SELV safety device

Farben | Colors

- Weiß | White
- Schwarz | Black
- Silber | Silver

Planungsschema TRACK ON / TRACK IN (Ansicht von oben)
 Planning scheme TRACK ON / TRACK IN (top view)



Ein störungsfreier Datenbusbetrieb ist nur gewährleistet, wenn keine Ringschlussstrukturen erzeugt werden.

An undisturbed data bus operation is only ensured if no ring closure structure is produced.



Montagenippel für LA-50 | Retaining collar for LA-50

- SCH-0831N**
- SCH-0832**
- SCH-0837**

Für Schnurpendel | For pendant band



- SCH-0841N**
- SCH-0842**
- SCH-0847**

Für Pendelrohr | For pendant rod



Mechanischer Universalhaken | Mechanical universal hook

- SCH-0671N**
- SCH-0672**
-

Z.B. zum Einhängen von Werbeschildern oder Leuchten, bis 5 kg belastbar.
 Für Seildurchmesser bis 2 mm.
 E.g. to suspend advertisement signs or luminaires, max. load up to 5 kg
 For rope diameters up to 2 mm.



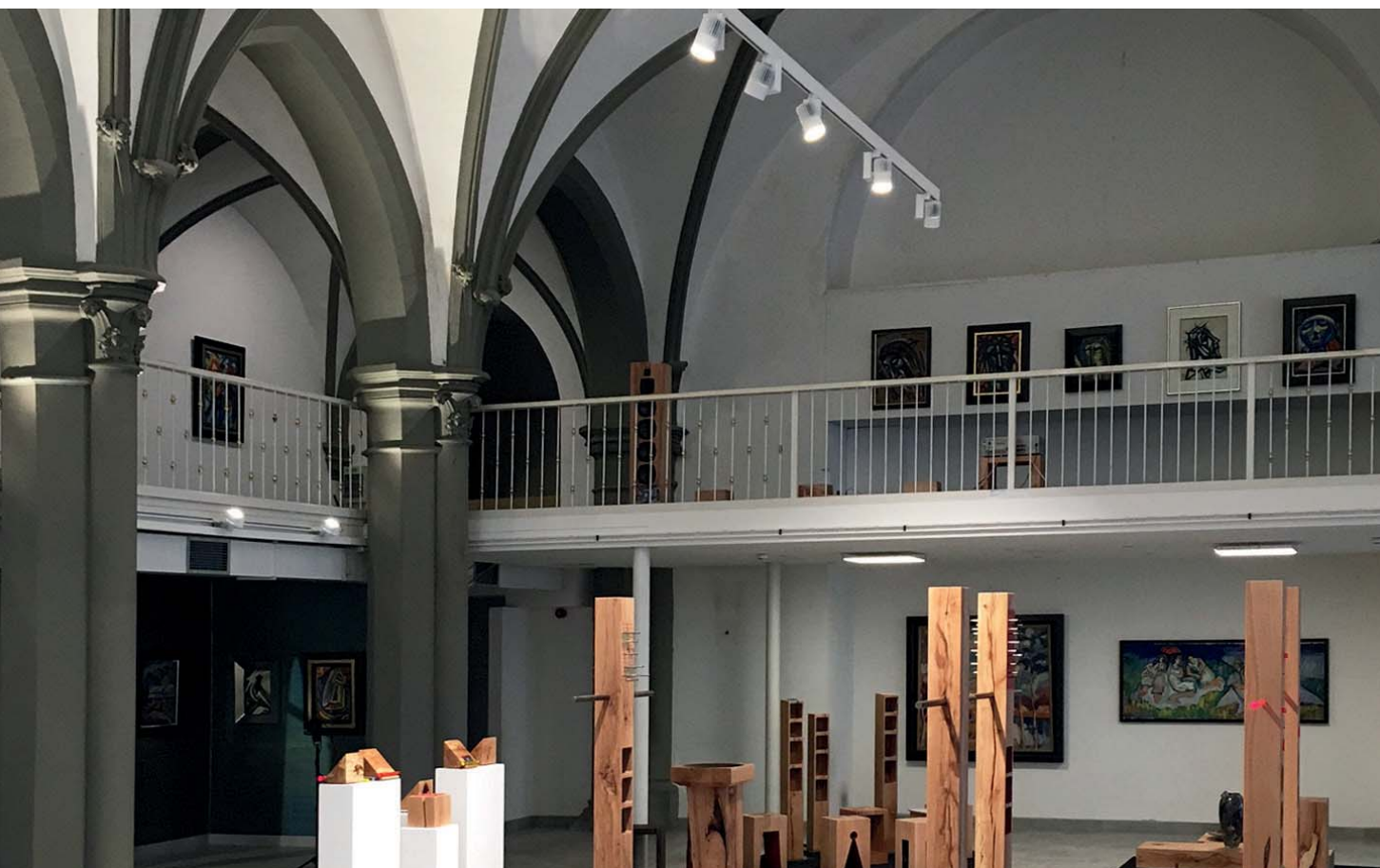
Kappe für Universalhaken | Cap for universal hook

- SCH-2841N**
- SCH-2842**
- SCH-2847**

Farben | Colors

- Weiß | White
- Schwarz | Black
- Silber | Silver

HIGHTRACK



- Stromschienensystem für Pendelmontage
- Profil aus stranggepresstem Aluminium
- 3 Standard Profilfarben
- 4 Kupferleiter (2,5 mm²) in Kunststoffbahnen eingebettet
- Vorgestanzte Befestigungslöcher
- Längenanpassung durch Absägen möglich, kein zeitaufwendiges Rückschneiden oder Biegen der Schutzleiter mit speziellem Werkzeug erforderlich
- Befestigungsmaterial für Pendel- und Seilaufhängung im Lieferumfang enthalten
- 220-240 V max. 3 x 16 A

Farben für Stromschienen (standardmäßig beschichtet)

- Weiß ähnlich RAL 9016
- Schwarz ähnlich RAL 9005
- Silber ist eloxiert E6/EV1

Farben für Systemteile und Adaptern

- Weiß ähnlich RAL 9016
- Schwarz ähnlich RAL 9005
- Grau ähnlich RAL 7038
- Silber lackiert ähnlich RAL 9006

- Zubehör ab Seite 52
- Planungsschema Seite 55

- Power-track-system for pendant installation
- Extruded aluminium profile
- 3 standard profile colours
- 4 copper conductors (2,5 mm²) embedded in plastics
- Pre-punched mounting holes for installation
- Adaption of length by sawing, no time-consuming cutting back or bending of the protective conductors with special tools required
- Attachment material for pendant rod and steel cord suspension installation included
- 220-240 V max. 3 x 16 A

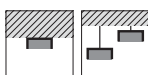
Colours for power tracks (standard coated)

- White, similar to RAL 9016
- Black, similar to RAL 9005
- Silver, anodized E6/EV1

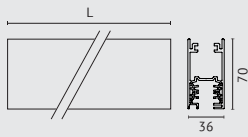
Colours for system components and adaptors

- White, similar to RAL 9016
- Black, similar to RAL 9005
- Grey, similar to RAL 7038
- Varnished in silver, similar to RAL 9006

- Accessories see page 52
- Planning scheme see page 55



HIGHTRACK Stromschiene | Power-track



	L.2000 mm	L.3000 mm	L.4000 mm
	19-201N	19-301N	19-401N
	19-202	19-302	19-402
	19-207	19-307	19-407



Zubehör | Accessories

Endkappe End-cap	Einspeiser End-feed	Einspeiser End-feed	Längsverbinder Straight connector	Mitteneinspeiser Mid-feed
	555022171N	555122011N	555122061N	SCH-152031N
	555022172	555122012	555122062	SCH-152032
	555022177	555122017	555122067	SCH-152037
	Schutzleiter rechts Ground right	Schutzleiter links Ground left	Innenliegend, inkl. mechanischem Längsverbinder Internal, incl. mechanical connector	Für bauseitige Profilbohrung. An beliebiger Stelle ohne Teilung der Stromschiene positionierbar. For on-site profile drilling. To be placed anywhere along the track; track cutting not required.

Verbinder mit Einspeisemöglichkeit | Connector with feeding option

Eckverbinder L-connector	Eckverbinder L-connector	Längsverbinder Straight connector	Flexverbinder Flexible connector	
	555122091N	555122081N	555122111N	
	555122092	555122102	555122112	
	555122097	555122107	---	
Schutzleiter außen Ground outside	Schutzleiter innen Ground inside	Mit Einspeisemöglichkeit With feeding option	Biegeradius Bend radius 30°-330°	
X-Verbinder X-connector	T-Verbinder T-connector	T-Verbinder T-connector	T-Verbinder T-connector	T-Verbinder T-connector
	555122161N	555122131N	555122141N	555122151N
	555122162	555122132	555122142	555122152
	555122167	555122137	555122147	555122157
	Schutzleiter innen, rechts Ground inside, right	Schutzleiter innen, links Ground inside, left	Schutzleiter außen, rechts Ground outside, right	Schutzleiter außen, links Ground outside, left

Farben | Colors

Weiß | White Schwarz | Black Silber | Silver

ONETRACK DALI[®]



- 7-Leiter Stromschiene für drei Stromkreise plus Datenbus
- Bestehend aus einem stranggepressten Aluminiumprofil mit je zwei eingebetteten Kupferleitern, drei getrennt schaltbaren Stromkreisen, Schutzleiter über das Aluminiumprofil plus zwei Datenleiter.
- Eine bauseitige Längen Anpassung kann problemlos durch einfaches Sägen vorgenommen werden. Ein Rückschneidewerkzeug ist notwendig.
- Die Profilgeometrie erlaubt ein einfaches und flexibles Abhängen mittels Federclip
- Die Einbindung in Gebäudemanagementsysteme ist möglich.
- Die Dateninformationen können entlang der Stromschiene an beliebiger Stelle mit den Busadaptoren abgegriffen werden. Neben dem DALI Protokoll kann der Datenbus auch für DMX, 0-10V oder KNX Protokolle genutzt werden. Adapter ohne Datenbusabgriff können über den normalen Phasenabgriff ebenfalls in die Schiene mit Datenbus eingesetzt werden. In diesem Fall ist eine Datenbus-Funktionalität nicht verfügbar.

Farben für Stromschiene (standardmäßig beschichtet), Systemteile und Adaptern

- Weiß
- Schwarz
- Silber (Schiene)
- Grau (Zubehör)

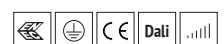
- Zubehör ab Seite 60
- Planungsschema Seite 60

- 7-wire power track for three circuits plus data bus
- Made of an extruded aluminum profile with two embedded copper conductors each, three separately switchable circuits, protective conductor via the aluminum profile plus two data conductors.
- A length adjustment by the customer can easily be made by simple sawing. A cutting tool is required.
- The profile geometry allows simple and flexible suspension by spring clip.
- Integration into building management systems is possible. The data information can be tapped at any point along the track using the bus adaptors. In addition to the DALI protocol, the data bus can also be used for DMX, 0-10V or KNX protocols. Adaptors without data bus can also be used in the track with data bus via the normal phase. In this case, data bus functionality is not available.

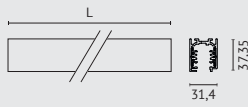
Colours for power tracks (standard coated), system components and adaptors

- White
- Black
- Silver (power tracks)
- Grey (Accessories)

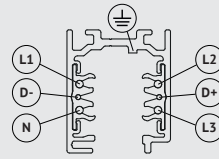
- Accessories see page 60
- Planning scheme see page 60



ONETRACK DALI
Stromschiene | Power-track



	L.1000 mm	L.2000 mm	L.3000 mm	L.4000 mm
	575-101	575-201	575-301	575-401
	575-102	575-202	575-302	575-402
	575-107*	575-207*	575-307*	575-407*



*Silber eloxiert



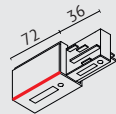
Rückschneidewerkzeug, verzinkter Stahl mit Griffisolierung
Cutting Tool, galvanized steel with handle isolation
575099010

Zubehör | Accessories



Endkappe
End-cap

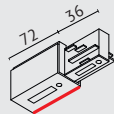
	575012171
	575012172
	575012178



Einspeiser
End-feed

	575212011
	575212012
	575212018

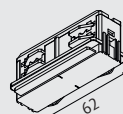
Schutzleiter rechts
Ground right



Einspeiser
End-feed

	575212021
	575212022
	575212028

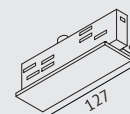
Schutzleiter links
Ground left



Längsverbinder innenliegend
Straight connector inside

	575212061
	575212062
	575212068

Bei Seil- und Pendelaufhängung aus statischen Gründen Stoßstellenverbinder separat bestellen.
To join two sections of track electrically. For static reasons order mechanical coupler if suspended via pendant rod or wire.

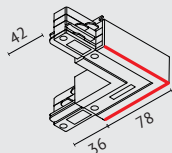


Mitteneinspeiser
Mid-feed

	575252031
	575252032

Für bauseitige Profilbohrung. An beliebiger Stelle ohne Teilung der Stromschiene positionierbar.
For on-site profile drilling. To be placed anywhere along the track; track cutting not required.

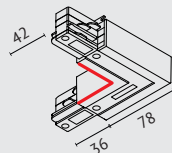
Verbinder mit Einspeisemöglichkeit | Connector with feeding option



L-Verbinder | L-connector

	575212091
	575212092
	575212098

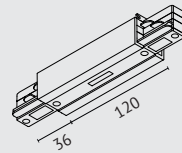
Schutzleiter außen
Ground outside



L-Verbinder | L-connector

	575212101
	575212102
	575212108

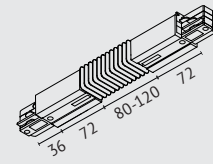
Schutzleiter innen
Ground inside



I-Verbinder | I-coupler

	575212081
	575212082
	575212088

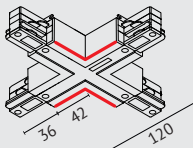
Mit Einspeisemöglichkeit
With feeding option



Flexverbinder | Flexible connector

	575212111
	575212112
	575212118

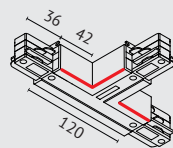
Biegeradius von 30° bis 330°
30° to 330° bending radius



X-Verbinder | X-connector

	575212161
	575212162
	575212168

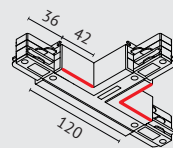
Mit Einspeisemöglichkeit
With feeding option



T-Verbinder | T-connector

	575212121
	575212122
	575212128

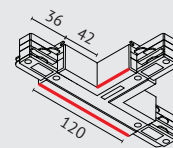
Schutzleiter innen, rechts
Ground inside, right



T-Verbinder | T-connector

	575212131
	575212132
	575212138

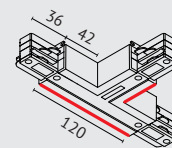
Schutzleiter innen, links
Ground inside, left



T-Verbinder | T-connector

	575212141
	575212142
	575212148

Schutzleiter außen, rechts
Ground outside, right



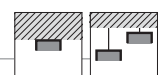
T-Verbinder | T-connector

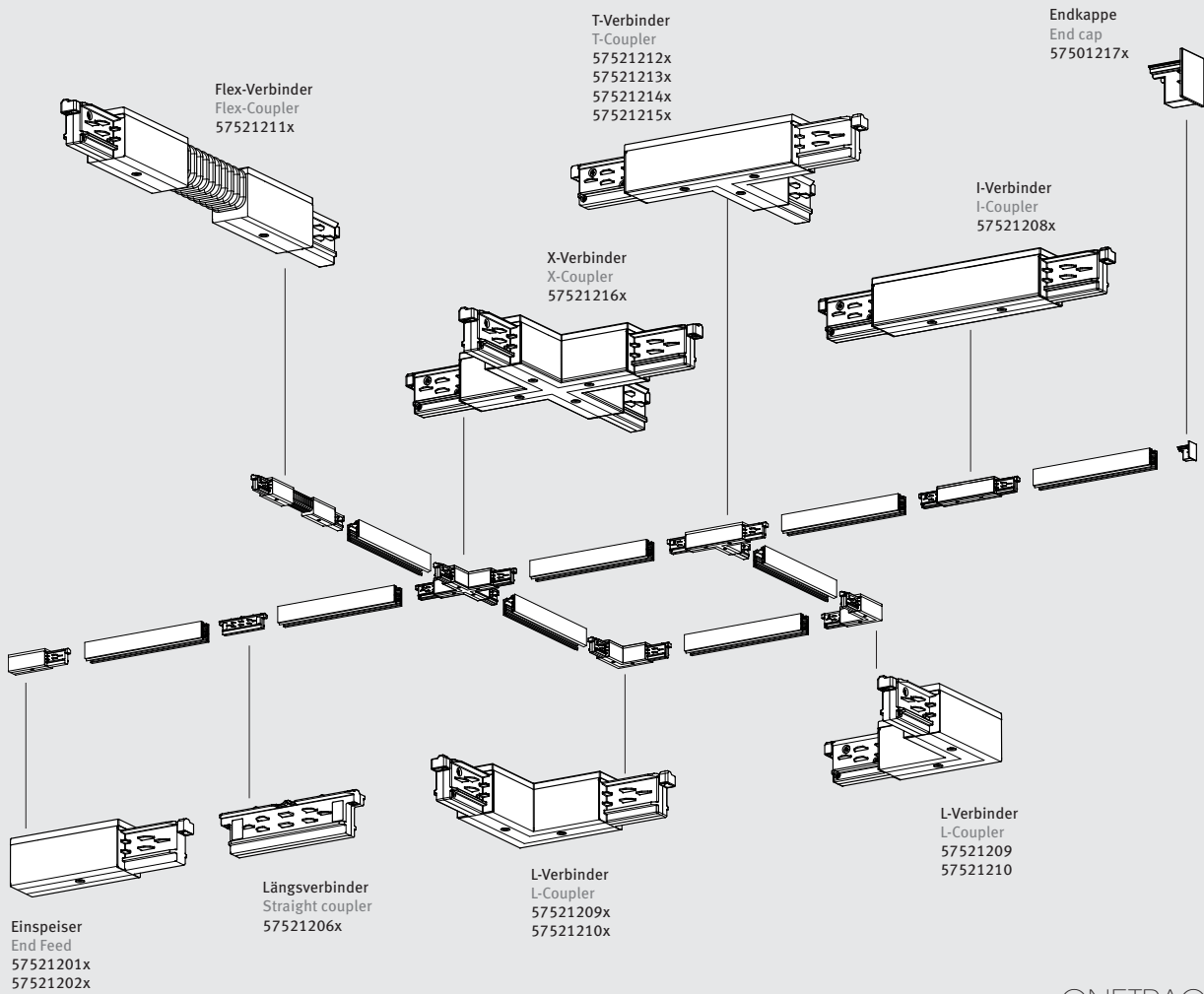
	575212151
	575212152
	575212158

Schutzleiter außen, links
Ground outside, left

Farben | Colors

Weiß | White Schwarz | Black Grau | Grey





ONETRACK DALI



Multiadapter mit Datenbus
Multiadapter with data bus

- 575267101**
- 575267102**
- 575267108**



UniAdapter asymmetrisch mit Datenbus
UniAdapter asymmetrical with data bus

- 575267201**
- 575267202**
- 575267208**



LED Konverter In-Track Adapter
LED Converter In-Track Adapter
21W, 500mA, DALI

- 575263201**
- 575263202**



LED Konverter In-Track Adapter
LED Converter In-Track Adapter
30W 700mA, On/Off

- 575163201**
- 575163202**



In-Track Adapter
In-Track Adapter
DALI

- 575265331**
- 575265332**



In-Track Adapter
In-Track Adapter
ON/OFF

- 575165331**
- 575165332**



Abdeckung für 3~Aufbauschiene
Cover for 3~surface
L1000 mm

- 575014071**
- 575014072**
- 575014078**



Aufbau-Universal-Punktauslass für
3-Phasen-Adapter
3~ Surface-Universal Monopoint

- 575072281**
- 575072282**
- 575072288**



Einbautopf für Universal-Punktauslass
Recessed-Universal Monopoint

- 575072271**
- 575072272**
- 575072278**



Haken
Hook

- 575066171**
- 575066172**
- 575066178**



Montagenippel
Retaining collar (female)

- M10 **575006010**
- M13 **575006020**



Montagenippel Außengewinde
Retaining collar (male thread)

- M10 **575066030**
- M13 **575066040**



Montagenippel Innengewinde
Retaining collar (female)

- M10 **575066020**



Steckdosen-Multi-Adapter
Power-socket adapter

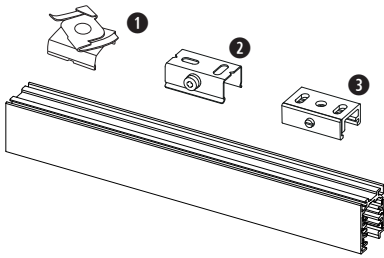
- SCH-0951N**
- SCH-0952**

Sicherung, 6,3A träge | With idle 6,3A time-lag fuse
Kompatibel zu ONETRACK | Compatible to ONETRACK

Farben | Colors

- Weiß | White
- Schwarz | Black
- Grau | Grey

Deckenbefestigungen | Ceiling clips



1
Deckenclip für Rasterdecken
Clip for ceiling grid

□ SCH-9817-1
■ SCH-9818-2
■ SCH-9802-7

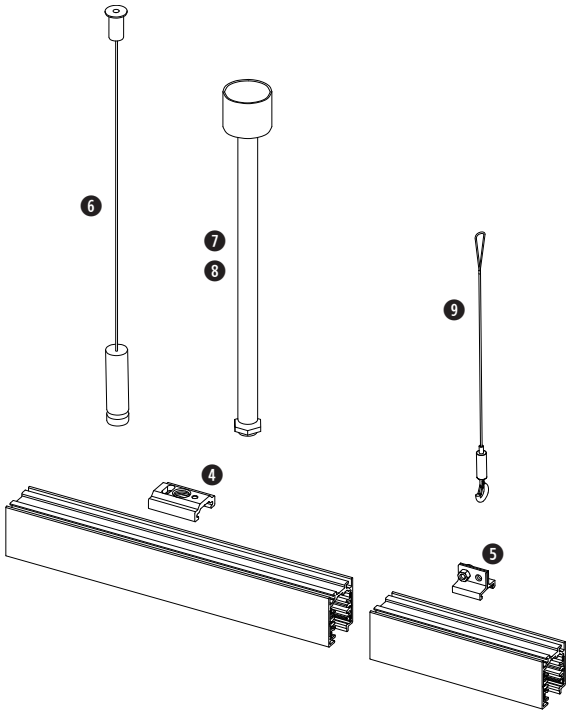
2
Pendelclip | Pendant clip
40 mm

■ 575014010 (verzinkt)

3
Pendelclip | Pendant clip
40 mm

□ 575014041
■ 575014042
■ 575014040 (Aluminium)

Systemabhängungen | Suspensions



4
Pendelclip
Pendant clip
35 mm
○ 575014021
● 575014022

5
Halteclip für Haken / Schlaufen
Clip for hooks / loops
25 mm
○ 575014051
● 575014052
● 575014050 (Aluminium)

6
Seilaufhängung, höhenverstellbar
Rope suspension, height adjustable
L1500 mm **SCH-3187**
L3000 mm **SCH-3197**
L6200 mm **SCH-6207**

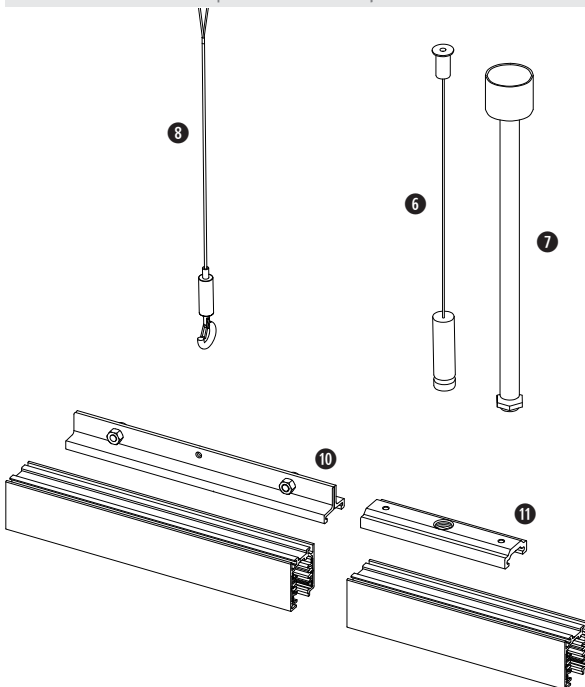
7
Rohrpendelaufhängung L600 mm
Pendant rod L600 mm
○ SCH-9051N
● SCH-9052
● SCH-9057

8
Rohrpendelaufhängung L1200 mm
Pendant rod L1200 mm
○ SCH-9061N
● SCH-9062
● SCH-9067

Zu verwenden mit Pendelclip oder Stoßstellenverbinder und Stromschienen
Clip, höhenverstellbar, verzinkt
To be used with pendant clip or mechanical coupler and power track clip,
height adjustable, galvanized

9
Seilaufhängung mit Schnellabhänger für Halteclip, höhenverstellbar, silber
Steel suspension wire with fast hanger, height adjustable, silver
L3000mm
SCH-6790

Stoßstellenverbinder | Mechanical couplers



10
Stoßstellenhalteclip 180 mm für Haken/Schlaufen
Mechanical coupler 180 mm for hooks / loops
○ 575014061
● 575014062
● 575014060 (Aluminium)

11
Stoßstellenverbinder 100 mm für
Seil- u. Pendelabhängung für Ø 13mm
Mechanical coupler 100 mm for
steel cable or pendant rod, for Ø 13mm
○ 575014031
● 575014032

Farben | Colors

□ Weiß | White ■ Schwarz | Black ■ Grau | Grey



- Stromschienensystem für Einbaumontage mit Deckenauflage (Flügel)
- Profil aus stranggepresstem Aluminium
- 2 Standard Profilfarben
- Profilierung zum Einhängen von Federclips
- 4 Kupferleiter (2,5 mm²) in Kunststoffbahnen eingebettet
- Längen Anpassung durch Absägen möglich, kein zeitaufwendiges Rückschneiden oder Biegen der Schutzleiter mit speziellem Werkzeug erforderlich
- 220-240 V max. 3 x 16 A
- Ausführung DALI auf Anfrage

Farben für Stromschienen (standardmäßig beschichtet), Systemteile und Adaptern

- Weiß ähnlich RAL 9016
- Schwarz ähnlich RAL 9005

- Planungsschema Seite 55

- Power-track-system for recessed mounting with ceiling flange wings
- Extruded aluminium profile
- 2 standard profile colours
- With groove to attach clips for suspension
- 4 copper conductors (2,5 mm²) embedded in plastics
- Adaption of length by sawing, no time-consuming cutting back or bending of the protective conductors with special tools required
- 220-240 V max. 3 x 16 A
- DALI version on request

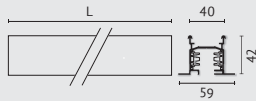
Colours for power tracks (standard coated), system components and adaptors

- White similar to RAL 9016
- Black similar to RAL 9005

- Planning scheme see page 55

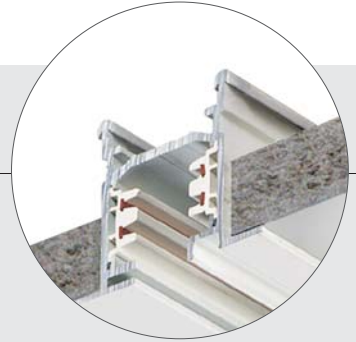


TRACK IN
Stromschiene für Einbaumontage | Power-track for recessed mounting

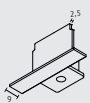


L.2000 mm L.3000 mm L.4000 mm

	SCH-621N	SCH-631N	SCH-641N
	SCH-622	SCH-632	SCH-642

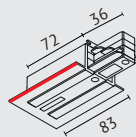


Zubehör | Accessories



Endkappe mit Deckenauflage
End-cap with ceiling support flange

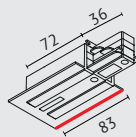
	SCH-032171N
	SCH-032172



Einspeiser mit Deckenauflage
End-feed with ceiling support flange

	SCH-132011N
	SCH-132012

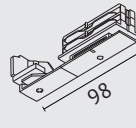
Schutzleiter rechts
Ground right



Einspeiser mit Deckenauflage
End-feed with ceiling support flange

	SCH-132021N
	SCH-132022

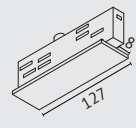
Schutzleiter links
Ground left



Endeinspeiser mit Endkappe
End-feed connector with end cap

	SCH-132051N
	SCH-132052

Innenliegend, profilbündig
Concealed, flush with profile



Mitteneinspeiser
Mid-feed

	SCH-152031N
	SCH-152032

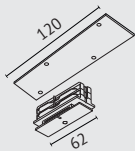
Für bauseitige Profilbohrung. An beliebiger Stelle ohne Teilung der Stromschiene positionierbar.
For on-site profile drilling. To be placed anywhere along the track; track cutting not required.



Federclip, Metall
Snap hanger, metal

SCH-053210
Für bauseitige Schnellabhänger, 6 Stück je VPE
For quick-suspensions on site (6 pieces)

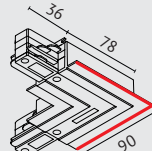
Verbinder mit Einspeisemöglichkeit | Connector with feeding option



Elektrischer Längsverbinder
Electrical straight connector

	SCH-132061N
	SCH-132062

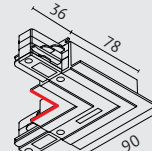
Innenliegend, inkl. mechanischem Längsverbinder
Internal, incl. mechanical connector



Eckverbinder
L-connector

	SCH-132091N
	SCH-132092

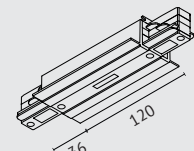
Schutzleiter außen
Ground outside



Eckverbinder
L-connector

	SCH-132101N
	SCH-132102

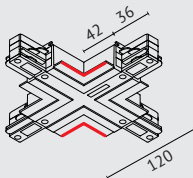
Schutzleiter innen
Ground inside



Längsverbinder
Straight connector

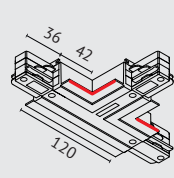
	SCH-132081N
	SCH-132082

Mit Einspeisemöglichkeit
With feeding option



X-Verbinder | X-connector

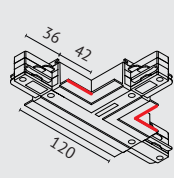
	SCH-132161N
	SCH-132162



T-Verbinder | T-connector

	SCH-132121N
	SCH-132122

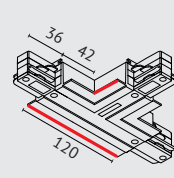
Schutzleiter innen, rechts
Ground inside, right



T-Verbinder | T-connector

	SCH-132131N
	SCH-132132

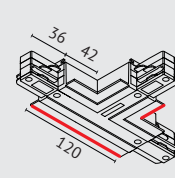
Schutzleiter innen, links
Ground inside, left



T-Verbinder | T-connector

	SCH-132141N
	SCH-132142

Schutzleiter außen, rechts
Ground outside, right



T-Verbinder | T-connector

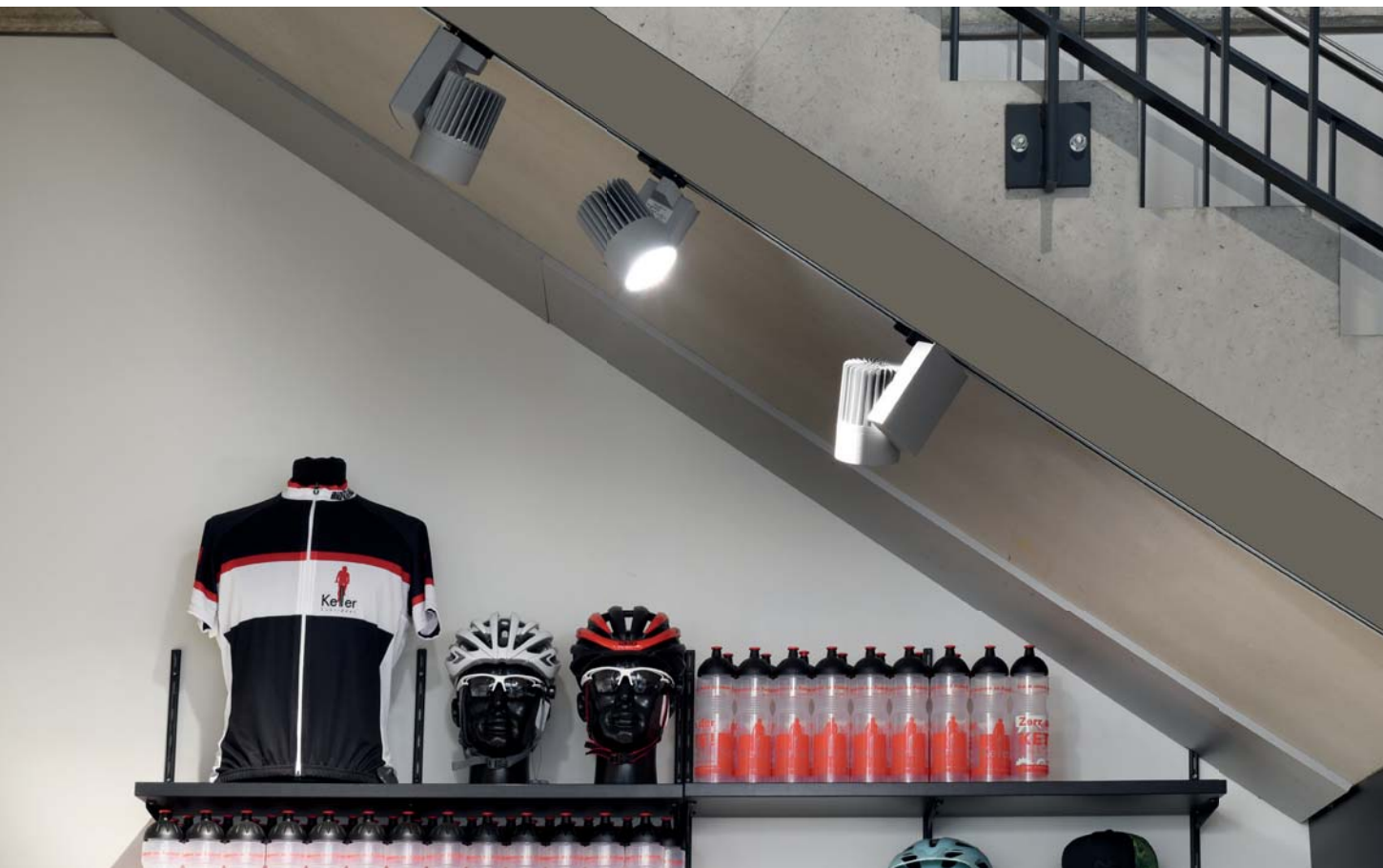
	SCH-132151N
	SCH-132152

Schutzleiter außen, links
Ground outside, left

Farben | Colors

Weiß | White Schwarz | Black

ONETRACK IN DALI[®]



- 7-Leiter Einbauschiene für drei Stromkreise plus Datenbus
- Bestehend aus einem stranggepressten Aluminiumprofil mit je zwei eingebetteten Kupferleitern, drei getrennt schaltbaren Stromkreisen, Schutzleiter über das Aluminiumprofil plus zwei Datenleiter.
- Eine bauseitige Längen Anpassung kann problemlos durch einfaches Sägen vorgenommen werden. Ein Rückschneidewerkzeug ist notwendig.
- Die Profilgeometrie erlaubt ein einfaches und flexibles Abhängen mittels Federclip
- Die Einbindung in Gebäudemanagementsysteme ist möglich.
- Die Dateninformationen können entlang der Stromschiene an beliebiger Stelle mit den Busadaptoren abgegriffen werden. Neben dem DALI Protokoll kann der Datenbus auch für DMX, 0-10V oder KNX Protokolle genutzt werden. Adaptoren ohne Datenbusabgriff können über den normalen Phasenabgriff ebenfalls in die Schiene mit Datenbus eingesetzt werden. In diesem Fall ist eine Datenbus-Funktionalität nicht verfügbar.

Farben für Stromschiene (standardmäßig beschichtet), Systemteile und Adaptern

- Weiß
- Schwarz

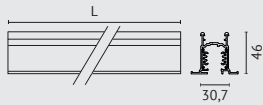
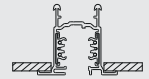
- 7-wire recessed track for three circuits plus data bus
- Made of an extruded aluminum profile with two embedded copper conductors each, three separately switchable circuits, protective conductor via the aluminum profile plus two data conductors.
- A length adjustment by the customer can easily be made by simple sawing. A cutting tool is required.
- The profile geometry allows simple and flexible suspension by spring clip.
- Integration into building management systems is possible. The data information can be tapped at any point along the track using the bus adaptors. In addition to the DALI protocol, the data bus can also be used for DMX, 0-10V or KNX protocols. Adaptors without data bus can also be used in the track with data bus via the normal phase. In this case, data bus functionality is not available.

Colours for power tracks (standard coated), system components and adaptors

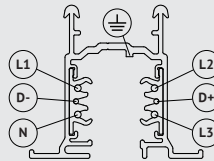
- White
- Black



ONETRACK IN DALI
Stromschiene für Einbaumontage | Power-track for recessed mounting

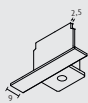


	L.1000 mm	L.2000 mm	L.3000 mm	L.4000 mm
	575-3101	575-3201	575-3301	575-3401
	575-3102	575-3202	575-3302	575-3402



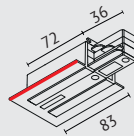
Rückschneidewerkzeug, verzinkter Stahl mit Griffisolierung
Cutting Tool, galvanized steel with handle isolation
575099010

Zubehör | Accessories



Endkappe mit Deckenauflage
End-cap with ceiling support flange

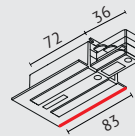
	575032171
	575032172



Einspeiser mit Deckenauflage
End-feed with ceiling support flange

	575232011
	575232012

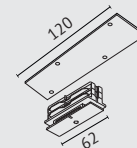
Schutzleiter rechts
Ground right



Einspeiser mit Deckenauflage
End-feed with ceiling support flange

	575232021
	575232022

Schutzleiter links
Ground left



Elektrischer Längsverbinder
Electrical straight connector

	575232061
	575232062

Innenliegend, inkl. mechanischem Längsverbinder
Internal, incl. mechanical connector

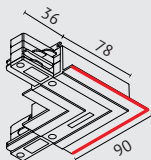


Federclip, Metall
Snap hanger, metal

SCH-053210

Für bauseitige Schnellabhänger,
6 Stück je VPE
For quick-suspensions
on site (6 pieces)

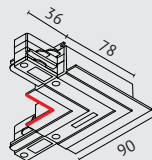
Verbinder mit Einspeisemöglichkeit | Connector with feeding option



Eckverbinder
L-connector

	575232091
	575232092

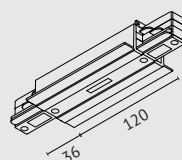
Schutzleiter außen
Ground outside



Eckverbinder
L-connector

	575232101
	575232102

Schutzleiter innen
Ground inside



Längsverbinder
Straight connector

	575232081
	575232082

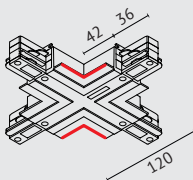
Mit Einspeisemöglichkeit
With feeding option



3-Phasen Zugentlastung
3 phase strain relief

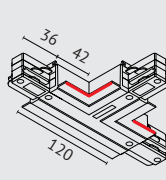
	575066011
	575066012

Geeignet für Kabel Ø6-9 mm
Suitable for cables Ø6-9mm



X-Verbinder | X-connector

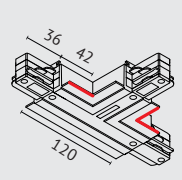
	575232161
	575232162



T-Verbinder | T-connector

	575232121
	575232122

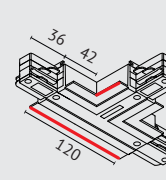
Schutzleiter innen, rechts
Ground inside, right



T-Verbinder | T-connector

	575232131
	575232132

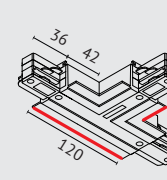
Schutzleiter innen, links
Ground inside, left



T-Verbinder | T-connector

	575232141
	575232142

Schutzleiter außen, rechts
Ground outside, right



T-Verbinder | T-connector

	575232151
	575232152

Schutzleiter außen, links
Ground outside, left

Farben | Colors

Weiß | White Schwarz | Black



- Lineares LED Lichtkanalsystem
- Erhältlich als Anbau-, Pendel- und Einbaukanal
- Lichteinsätze kompatibel für beide Profile
- Optisches System mit opaler oder prismatischer Abdeckung aus PMMA zur Anwendung als Leuchtstreifen
- Modulare Zusammensetzung möglich
- Lichteinsätze mit elektronischem Betriebsgerät und Durchgangsverdrahtung 3 x 1,5 mm² mit beidseitigen Steckklemmen
- Einfache bauseitige Verdrahtung von Lichteinsatz zu Lichteinsatz
- Schutzart: IP20
- Schutzklasse: I

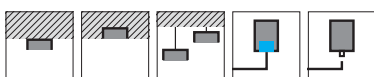
Auf Anfrage

- Dimmbare Version
- DALI
- Sonderlackierungen
- Wandanbau
- Weitere Lichtfarben
- Mit Stromschienenadapter

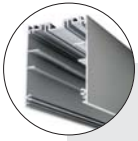
- Linear LED light canal system for LED
- Available as surface mounted, pendant or recessed version
- Light modules are compatible with both profile versions
- Opal or prismatic PMMA covers, applicable as a light bar
- Customized shortening of the length possible
- Modular assembling is possible
- Light modules include electronic control gears and through-wiring 3 x 1,5 mm² with plug terminals on both sides
- Easy wiring between the modules
- Protection Rating: IP20
- Protection Class: I

On request

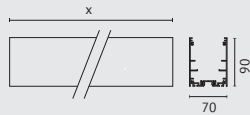
- Dimmable version
- DALI
- Special painting
- Wall mounting
- Other light temperatures
- With track adapter







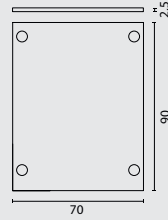
Aufbau- und Pendelkanal | Surface mounted or pendant version



Aluminiumprofil | Aluminum profile

HA-x*

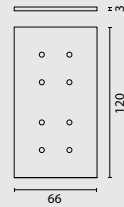
x* = individuelle Profillänge in mm
(z.B. 1020 mm = HA-1020)
Nach max. 6 m ist ein Längsverbinder erforderlich!
x* = individual profile length in mm
(e.g. 1020 mm = HA-1020)
After max. 6 m a straight connector is necessary!



Endplattenpaar | End cap pair

HA-END

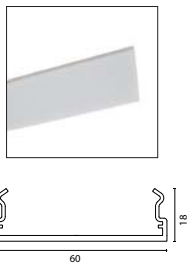
Inkl. Schrauben
Incl. screws



Längsverbinder | Straight connector

HAE-LV

Abdeckungen für Aufbau-, Einbau und Pendelkanal | Grid and cover for surface, recessed mounted or pendant version



Opalabdeckung weiß | Opal cover white

HAE-OA*

L578 mm - ∞ mm

* = individuelle Profillänge in mm
(z.B. 1020 mm = HAE-OA-1020), wird eingeklipst.
* = individual profile length in mm
(e.g. 1020 mm = HAE-OA-1020), to clip-in.

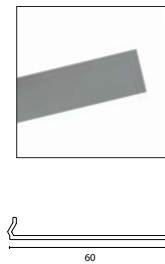


Prismenabdeckung klar | Prismatic cover clear

HAE-OP

L1188 mm

Ablängung auf Maß möglich, wird eingeschoben.
Customized shortening of the length is possible, to slide-in.



Blindabdeckung | Blind cover

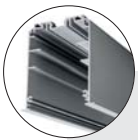
HAE-BA500

L500 mm

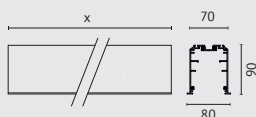
HAE-BA1000

L1000 mm

Alu eloxiert | Anodized aluminium
Ablängung auf Maß möglich, wird eingeklipst.
Customized shortening of the length is possible, to clip-in.



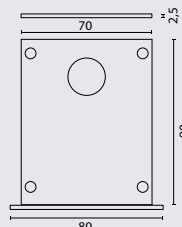
Einbaukanal | Recessed mounted



Aluminiumprofil | Aluminum profile

HE-x*

x* = individuelle Profillänge in mm
(z.B. 1020 mm = HE-1020)
Nach max. 6 m ist ein Längsverbinder erforderlich!
x* = individual profile length in mm
(e.g. 1020 mm = HE-1020)
After max. 6 m a straight connector is necessary!



Endplattenpaar | Pair of end covers

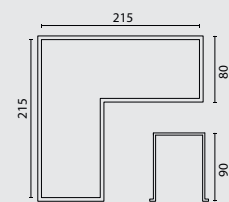
HE-END

Inkl. Schrauben
Incl. screws



Längsverbinder | Straight connector

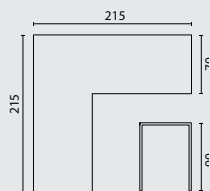
HAE-LV



Eckverbinder | L-connector

HE-EV

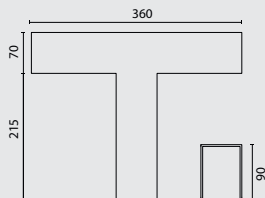
Inkl. Blindabdeckung alu
2x Längsverbinder HAE-LV erforderlich!
Incl. blind cover aluminium
2x straight connector HAE-LV required!



Eckverbinder | L-connector

HA-EV

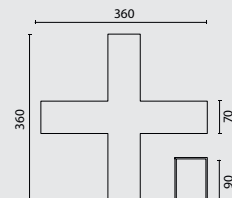
Inkl. Blindabdeckung alu
2x Längsverbinder HAE-LV erforderlich!
Incl. blind cover aluminium
2x straight connector HAE-LV required!



T-Verbinder | T-connector

HA-TV

Inkl. Blindabdeckung alu
3x Längsverbinder HAE-LV erforderlich!
Incl. blind cover aluminium
3x straight connector HAE-LV required!



X-Verbinder | X-connector

HA-XV

Inkl. Blindabdeckung alu 4x Längsverbinder
HAE-LV erforderlich!
Incl. blind cover aluminium 4x straight connector
HAE-LV required!

Y-Stahlseilabhängung | Y-Steel cord suspension



● **HA-S**

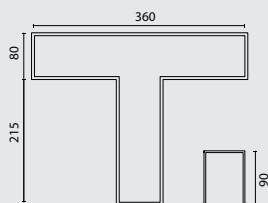
Einzel, inkl. weißer Deckenrosette
Single, incl. white rosette
Max. 1500 mm



● **HA-P**

Inkl. weißer Zuleitung und weißer Deckenrosette
Incl. white power cable and white rosette
Max. 1500 mm

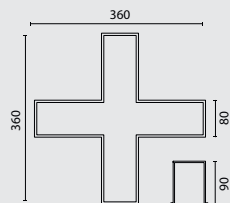
● Silber | Silver ● Verzinkt | Galvanized



T-Verbinder | T-connector

HE-TV

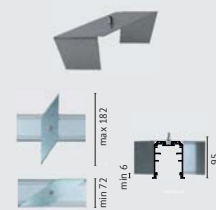
Inkl. Blindabdeckung alu
3x Längsverbinder HAE-LV erforderlich!
Incl. blind cover aluminium
3x straight connector HAE-LV required!



X-Verbinder | X-connector

HE-XV

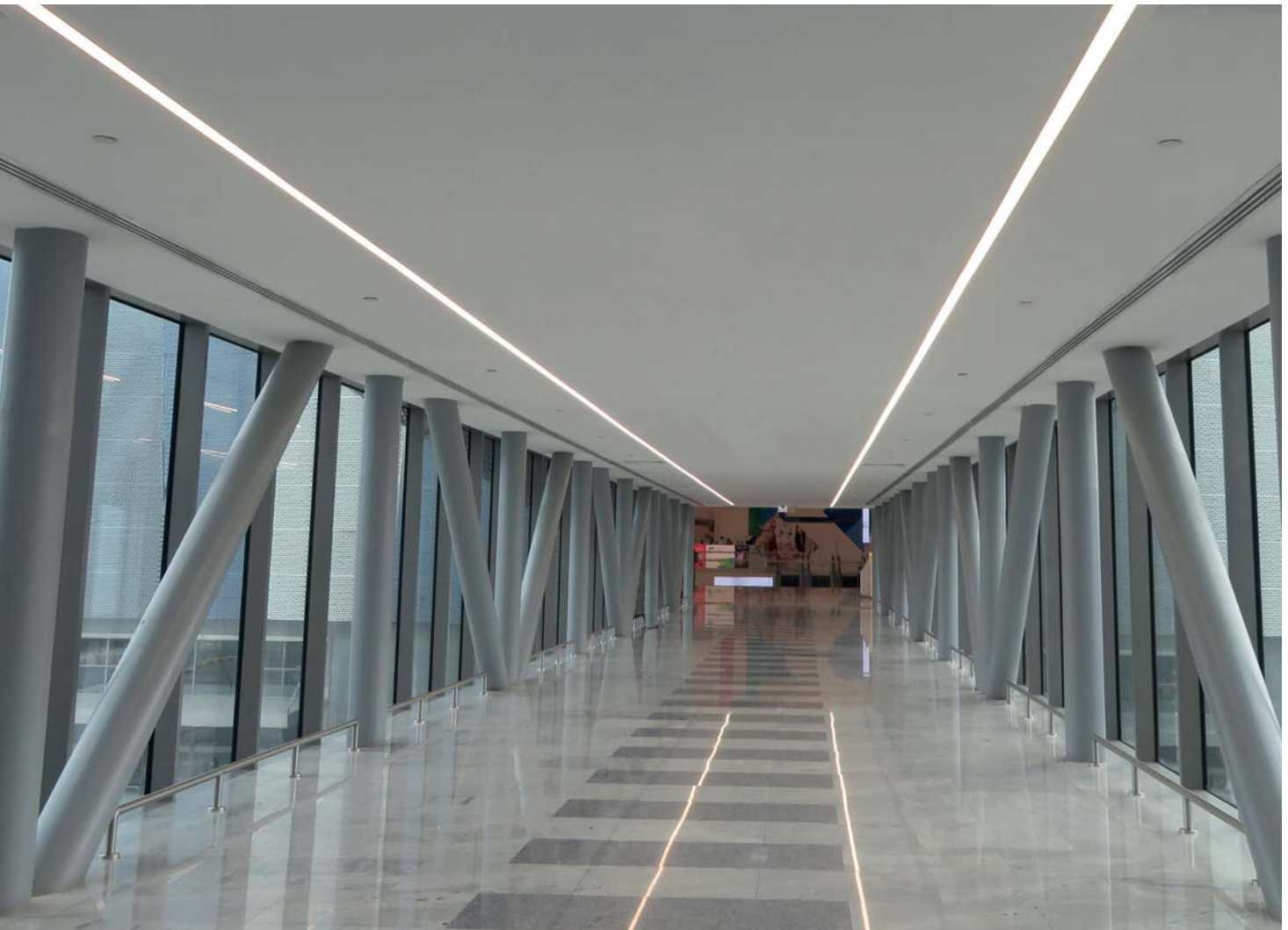
Inkl. Blindabdeckung alu 4x Längsverbinder
HAE-LV erforderlich!
Incl. blind cover aluminium 4x straight connector
HAE-LV required!



Einbauwinkel | Installation angle

● **HE-WIN**

Für Einbaukanal, 1 Stk. je 1,5 m notwendig, inkl. 1 Schraube
Recessed mounting, 1 pieces per 1,5 m necessary, incl. 1 screw



- Lichteinsatz linear
- Erhältlich mit Opalabdeckung oder Prismenabdeckung aus PMMA
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

- Linear light
- With opal cover or prismatic cover made of PMMA
- Protection Rating: IP20
- Protection Class: I
- Built-in electronic power supply

Auf Anfrage

- DALI
- Weitere Lichtfarben

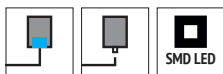
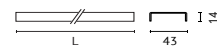
On request

- DALI
- Other light temperatures



HIGHWAY
 LED Lichteinsatz linear
 LED linear light
 220÷240V / CRI >80

L595 mm	○	17 W	L891 mm	○	25 W	L1188 mm	○	33 W	L1485 mm	○	43 W
4000 K	HAEG-18NW1	2450 lm	4000 K	HAEG-27NW1	3675 lm	4000 K	HAEG-33NW1	4900 lm	4000 K	HAEG-45NW1	6125 lm
3000 K	HAEG-18WW1	2350 lm	3000 K	HAEG-27WW1	3525 lm	3000 K	HAEG-33WW1	4700 lm	3000 K	HAEG-45WW1	5875 lm
2700 K	HAEG-18SW1	2250 lm	2700 K	HAEG-27SW1	3375 lm	2700 K	HAEG-33SW1	4500 lm	2700 K	HAEG-45SW1	5625 lm



○ Weiß | White

LVK ist abhängig vom verwendeten Leuchtmittel.
 IDC depends on the used lamp.



- Decken- und Pendelleuchte
- Gehäuse aus eloxiertem stranggepresstem Aluminium
- Opalabdeckung aus PMMA
- Direkt und direkt / indirekt strahlende Version
- Schutzart: IP20
- Schutzklasse: I
- Pendelleuchte inkl. Pendelset (max. 1500 mm)
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Dimmbare Version
- DALI
- Weitere Lichtfarben
- Mit Stromschienenadapter

- Ceiling and pendant luminaire
- Extruded aluminium profile anodized
- PMMA opal cover
- Version with direct or direct/indirect distribution
- Protection Rating: IP20
- Protection Class: I
- Pendant luminaire incl. pendant accessories (max. 1500 mm)
- Built-in electronic power supply

On request

- Dimmable version
- DALI
- Other light temperatures
- With track adapter



1195 mm



1485 mm

HIGHWAY

LED Deckenanbauleuchte LED ceiling mounted luminaire

Mit direktem Lichtaustritt
With direct light beam

▲ 120° ▼ 100% / 220÷240V / CRI >80

Opale Abdeckung | Opal cover

L1195 mm	●	31 W
4000 K	HA-33NW70	2767 lm
3000 K	HA-33WW70	2654 lm
2700 K	HA-33SW70	2541 lm

L1495 mm	●	41 W
4000 K	HA-45NW70	3558 lm
3000 K	HA-45WW70	3413 lm
2700 K	HA-45SW70	3267 lm

LED Pendelleuchte LED pendant luminaire

Mit direktem Lichtaustritt
With direct light beam

▲ 120° ▼ 100% / 220÷240V / CRI >80

Opale Abdeckung | Opal cover

L1195 mm	●	31 W
4000 K	HAP-33NW70	2767 lm
3000 K	HAP-33WW70	2654 lm
2700 K	HAP-33SW70	2541 lm

L1495 mm	●	41 W
4000 K	HAP-45NW70	3558 lm
3000 K	HAP-45WW70	3413 lm
2700 K	HAP-45SW70	3267 lm

Mit direktem und indirektem Lichtaustritt
With direct and indirect light beam

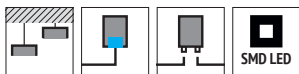
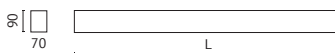
▲ 120° ▼ 85% ▲ 15% / 220÷240V / CRI >80

Opale Abdeckung | Opal cover

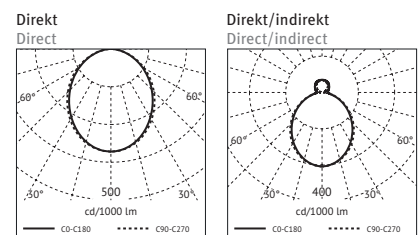
L1195 mm	●	41 W
4000 K	HAPI-33NW70	3313 lm
3000 K	HAPI-33WW70	3200 lm
2700 K	HAPI-33SW70	3087 lm

L1495 mm	●	53 W
4000 K	HAPI-45NW70	4240 lm
3000 K	HAPI-45WW70	4095 lm
2700 K	HAPI-45SW70	3950 lm

Länge der Abhängung: L1500 mm | Length of suspension: L5000 mm



● Aluminium eloxiert | Aluminium anodized

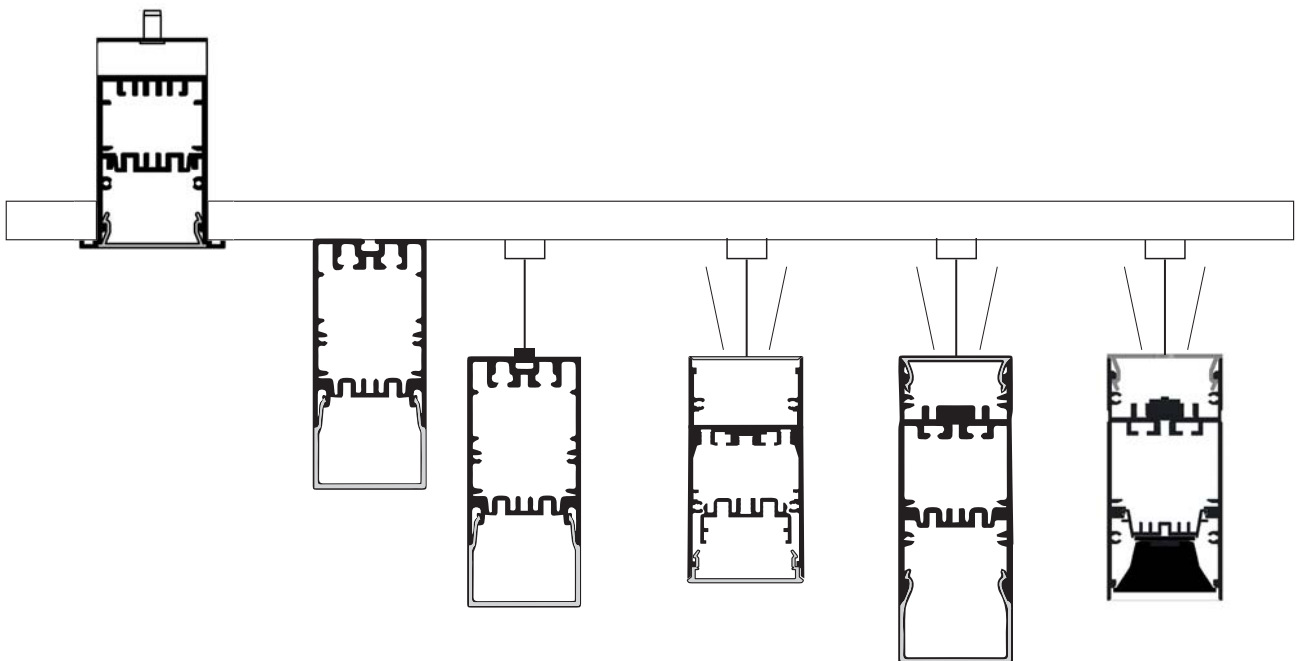






PSL

Pendel-, Einbau- und Anbauleuchten
 Pendant, recessed and surface mounted luminaires



PSLE

PSLD

PSL/PSLU

PSLG

PSLR

PSLD/PSLE



- LED Pendel- und Einbauleuchte für den Innenbereich
- Leuchtenkörper aus stranggepresstem und eloxiertem Aluminium
- Gehäusefarben: weiß, schwarz und eloxiertes Aluminium
- In den Standardlängen 1200 und 1500 mm erhältlich
- Opalabdeckung aus PMMA
- Ausführung PSLU inklusive Entblendungsprismen
- Lichtaustritt: direkt, direkt/indirekt
- Seilabhängung ca. 3 m mit Baldachin
- Schutzart: IP20
- Schutzklasse: I
- Integrierter LED Treiber von markenführenden Herstellern wie Philips, Osram, Tridonic, etc.

Auf Anfrage

- Auch als Ausführung für Wand- und Deckenanbau erhältlich
- Mit Stromschienenadapter erhältlich
- Längen 2400, 2700 und 3000 mm
- Lichtfarbe 5700K
- Dimmbare Version
- DALI
- Reflektorfolie für ein höheres Lumenpaket
- PSLE Gehäusefarbe schwarz

- LED pendant, surface and recessed and for indoor installation
- Extruded and anodized aluminium body
- Body colour: white, black and anodized aluminium
- Available in standard lengths 1200 and 1500 mm
- Opal PMMA cover
- Type PSLU including de-glaring prism
- Light distribution: direct, direct/indirect
- Suspension 3m with ceiling rosette
- Protection Rating: IP20
- Protection Class: I
- Built in power supply from leading manufacturers such as Philips, Osram, Tridonic, etc.

On request

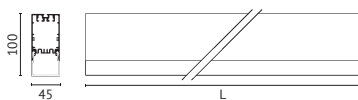
- Also available as a wall- and ceiling mounted version
- Available with track adapter
- Lengths 2400, 2700 und 3000 mm
- 5700 Kelvin
- Dimmable version
- DALI
- Reflector foil for a higher lumen output
- PSLE body colour black



PSLD
LED Pendelleuchte mit direktem Lichtaustritt
LED pendant luminaire with direct light beam
△ 140° / ▼ 100% / 220÷240V / CRI >80

L1205 mm	○	●	●	33 W
4000 K	PSLD100-1200NW1O	PSLD100-1200NW2O	PSLD100-1200NW7O	4226 lm
3000 K	PSLD100-1200WW1O	PSLD100-1200WW2O	PSLD100-1200WW7O	4053 lm
2700 K	PSLD100-1200SW1O	PSLD100-1200SW2O	PSLD100-1200SW7O	3881 lm

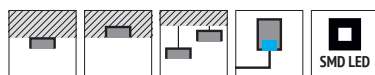
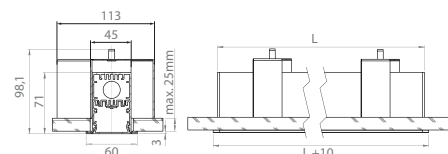
L1505 mm	○	●	●	42 W
4000 K	PSLD100-1500NW1O	PSLD100-1500NW2O	PSLD100-1500NW7O	5433 lm
3000 K	PSLD100-1500WW1O	PSLD100-1500WW2O	PSLD100-1500WW7O	5212 lm
2700 K	PSLD100-1500SW1O	PSLD100-1500SW2O	PSLD100-1500SW7O	4990 lm



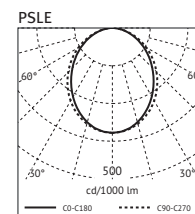
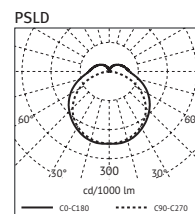
PSLE
LED Einbauleuchte
LED Recessed luminaire
△ 120° / ▼ 100% / 220÷240V / CRI >80

L1205 mm, ⚡	50 x 1210 mm	32 W
4000 K	● PSLE-1200NW7O	2729 lm
3000 K	● PSLE-1200WW7O	2618 lm
2700 K	● PSLE-1200SW7O	2507 lm

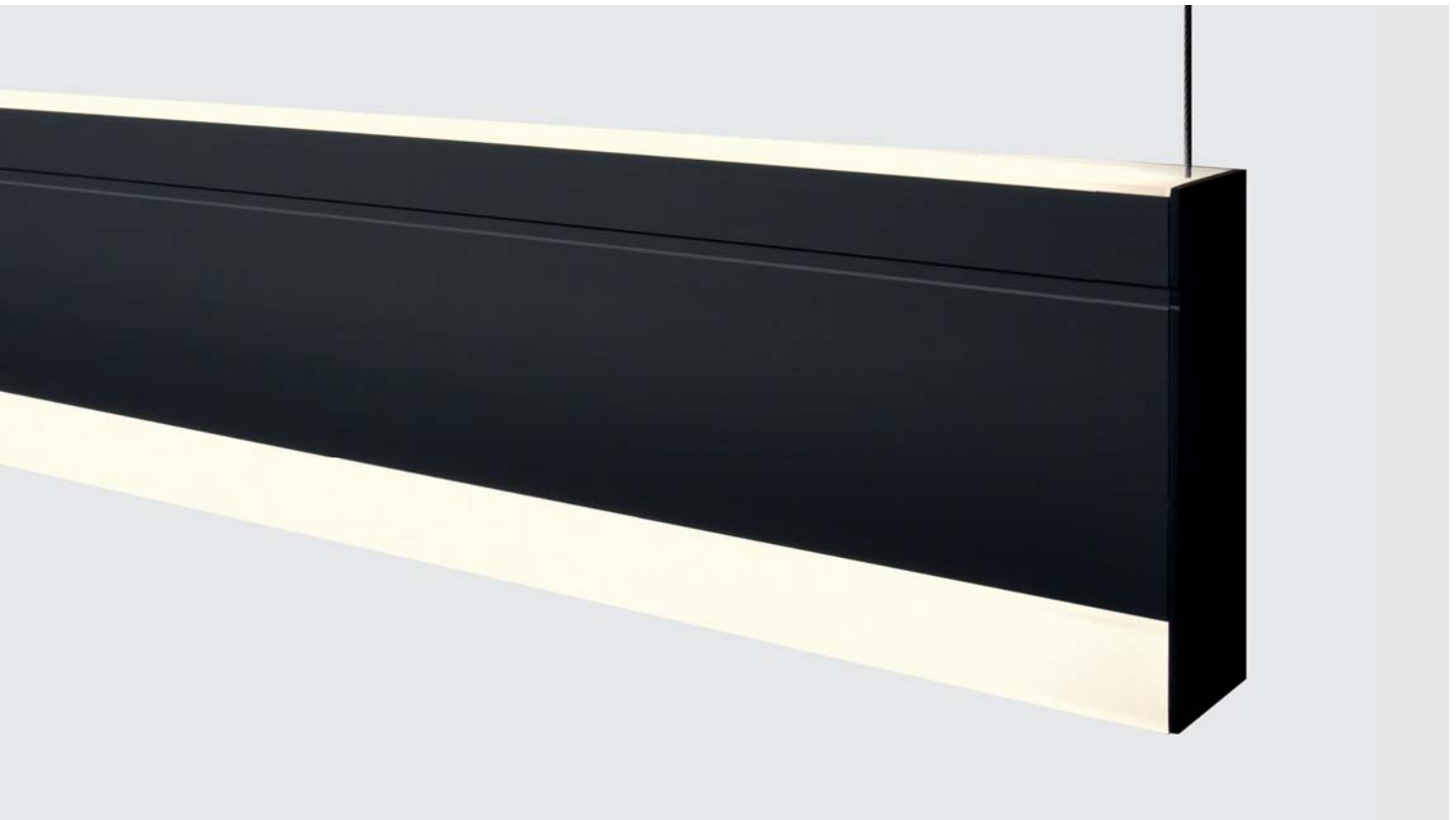
L1505 mm, ⚡	50 x 1510 mm	41 W
4000 K	● PSLE-1500NW7O	3465 lm
3000 K	● PSLE-1500WW7O	3323 lm
2700 K	● PSLE-1500SW7O	3182 lm



○ Weiß | White ● Schwarz | Black ● Aluminium eloxiert | Aluminium anodized



PSLG/PSL/PSLU



1230 mm



1530 mm

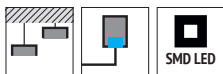
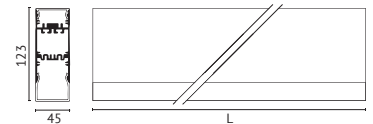
PSLG

LED Pendelleuchte mit direktem und indirektem Lichtaustritt

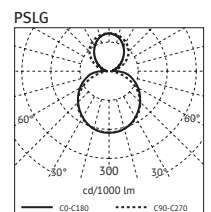
LED pendant luminaire with direct and indirect light beam

∠ 140° / ▼ 65% ▲ 35% / 220÷240V / CRI >80

L1230 mm	○	●	●	44 W
4000 K	PSLG123-1200NW1O	PSLG123-1200NW2O	PSLG123-1200NW7O	4690 lm
3000 K	PSLG123-1200WW1O	PSLG123-1200WW2O	PSLG123-1200WW7O	4499 lm
2700 K	PSLG123-1200SW1O	PSLG123-1200SW2O	PSLG123-1200SW7O	4307 lm
L1530 mm	○	●	●	57 W
4000 K	PSLG123-1500NW1O	PSLG123-1500NW2O	PSLG123-1500NW7O	6030 lm
3000 K	PSLG123-1500WW1O	PSLG123-1500WW2O	PSLG123-1500WW7O	5828 lm
2700 K	PSLG123-1500SW1O	PSLG123-1500SW2O	PSLG123-1500SW7O	5580 lm



○ Weiß | White ● Schwarz | Black ● Aluminium eloxiert | Aluminium anodized





1230 mm



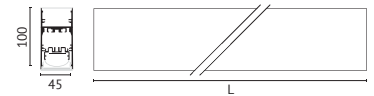
1530 mm

PSL100

LED Pendelleuchte mit direktem und indirektem Lichtaustritt
LED pendant luminaire with direct and indirect light beam
⚡ 120° / ▼ 67% ▲ 33% / 220÷240V / CRI >80

L1230 mm	○	●	●	44 W
4000 K	PSL100-1200NW1O	PSL100-1200NW2O	PSL100-1200NW7O	4236 lm
3000 K	PSL100-1200WW1O	PSL100-1200WW2O	PSL100-1200WW7O	4063 lm
2700 K	PSL100-1200SW1O	PSL100-1200SW2O	PSL100-1200SW7O	3890 lm

L1530 mm	○	●	●	57 W
4000 K	PSL100-1500NW1O	PSL100-1500NW2O	PSL100-1500NW7O	5446 lm
3000 K	PSL100-1500WW1O	PSL100-1500WW2O	PSL100-1500WW7O	5264 lm
2700 K	PSL100-1500SW1O	PSL100-1500SW2O	PSL100-1500SW7O	5040 lm



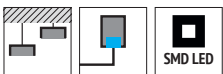
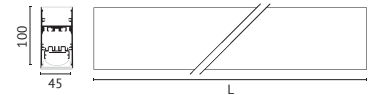
PSLU

LED Pendelleuchte mit direktem und indirektem Lichtaustritt
LED pendant luminaire with direct and indirect light beam
⚡ 100° / ▼ 65% ▲ 35% / UGR<19 / 220÷240V / CRI >80

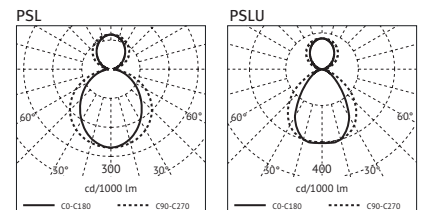


L1230 mm	○	●	●	44 W
4000 K	PSLU100-1200NW1P	PSLU100-1200NW2P	PSLU100-1200NW7P	3711 lm
3000 K	PSLU100-1200WW1P	PSLU100-1200WW2P	PSLU100-1200WW7P	3711 lm
2700 K	PSLU100-1200SW1P	PSLU100-1200SW2P	PSLU100-1200SW7P	3553 lm

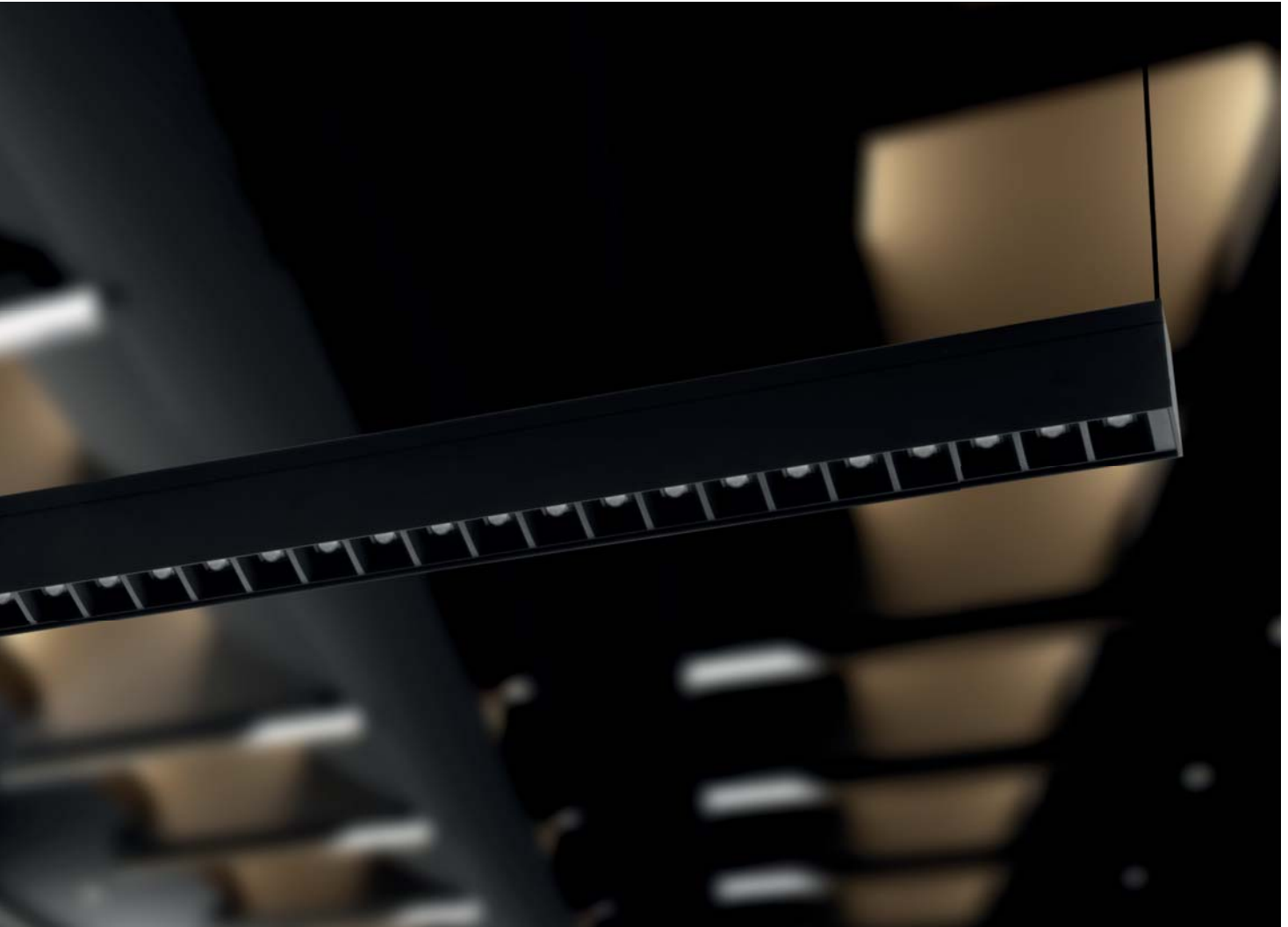
L1530 mm	○	●	●	57 W
4000 K	PSLU100-1500NW1P	PSLU100-1500NW2P	PSLU100-1500NW7P	4603 lm
3000 K	PSLU100-1500WW1P	PSLU100-1500WW2P	PSLU100-1500WW7P	4603 lm
2700 K	PSLU100-1500SW1P	PSLU100-1500SW2P	PSLU100-1500SW7P	4603 lm



○ Weiß | White ● Schwarz | Black ● Aluminium eloxiert | Aluminium anodized



PSL-100R



- LED Pendelleuchte für den Innenbereich
- Leuchtenkörper aus stranggepresstem und eloxiertem Aluminium
- Gehäusefarben: weiß, schwarz und eloxiertes Aluminium
- Lichtaustritt: direkt (Raster), indirekt (Opalabdeckung aus PMMA)
- Seilabhängung ca. 3 m mit Baldachin
- Schutzart: IP20
- Schutzklasse: I
- UGR<16 und UGR<19
- Integrierter LED Treiber von markenführenden Herstellern wie Philips, Osram, Tridonic, etc.

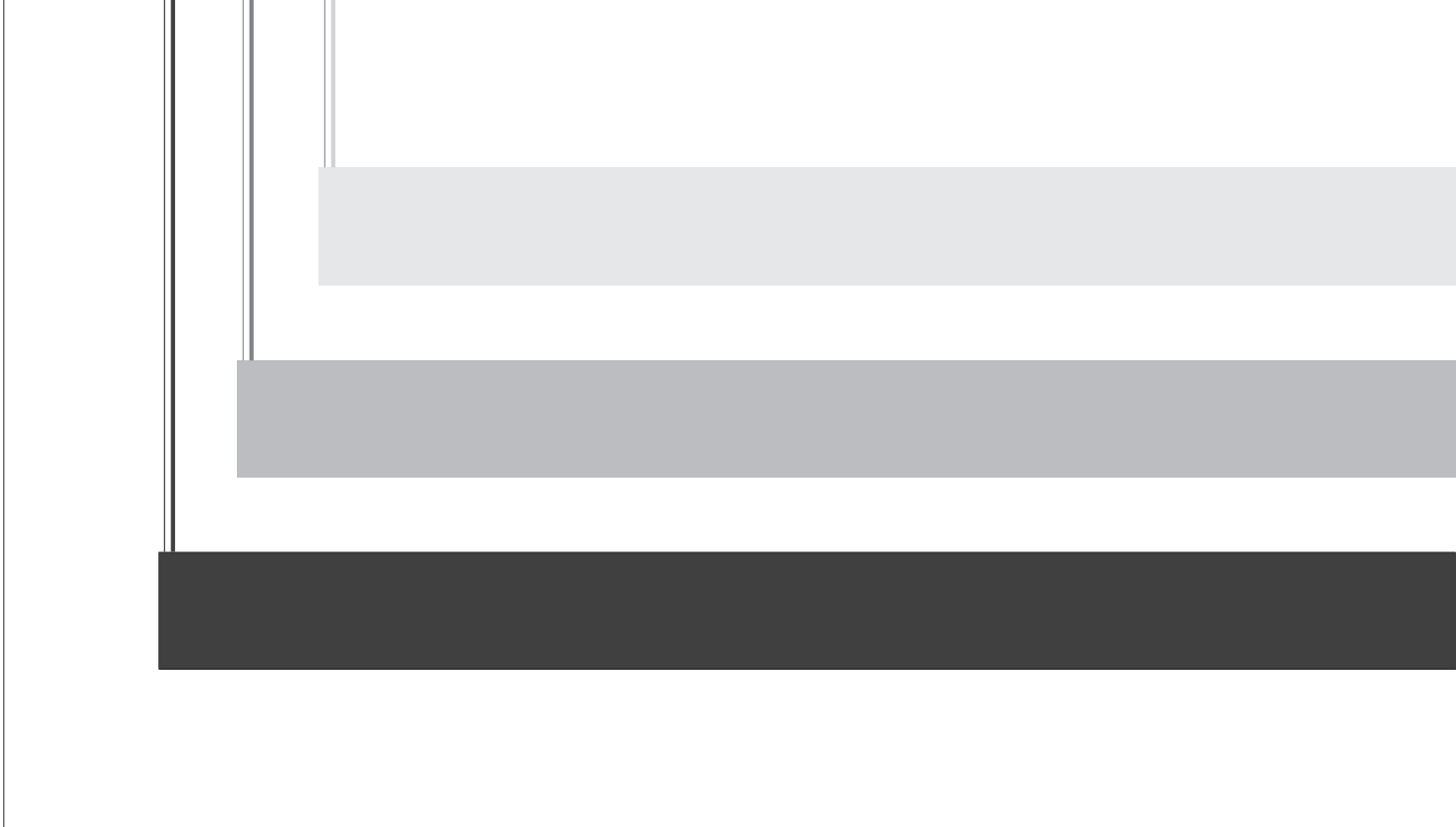
Auf Anfrage

- Auch als Ausführung für Wand- und Deckenanbau erhältlich (bei Deckenanbau Lichtaustritt nur direkt)
- Mit Stromschienenadapter erhältlich (auch DALI ONETRACK)
- Lichtfarbe 5700K
- Dimmbare Version
- Doppellängige Version

- LED pendant luminaire for indoor installation
- Extruded and anodized aluminium body
- Body colour: white, black and anodized aluminium
- Light distribution: direct (linear reflector), indirect (opal PMMA cover)
- Suspension 3m with ceiling rosette
- Protection Rating: IP20
- Protection Class: I
- UGR<16 and UGR<19
- Built in power supply from leading manufacturers such as Philips, Osram, Tridonic, etc.

On request

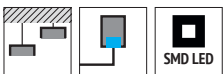
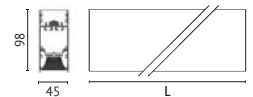
- Also available as a wall- and ceiling mounted version (for ceiling surface mounting light emission only direct)
- Available with track adapter (also DALI ONETRACK)
- 5700 Kelvin
- Dimmable version
- Double length version



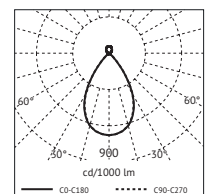
Lichtlenkung über quadratische Prismenoptik für maximale Leuchteneffizienz und perfekte Entblendung.
Light control with square prism optics for maximum luminaire efficiency and perfect glare reduction.

PSL100R
LED Pendelleuchte mit direktem und indirektem Lichtaustritt
LED pendant luminaire with direct and indirect light emission
▲ 70° / ▼ 80% ▲ 20% / 220÷240V / CRI >80

L1145 mm	○ □	UGR_{cl9}	49 W	● □	UGR_{cl6}	49 W	● □	UGR_{cl6}	49 W
4000 K	PSL100R-1140NW1-1	6094 lm	PSL100R-1140NW2-2	5452 lm	PSL100R-1140NW0-2	5452 lm			
3000 K	PSL100R-1140WW1-1	5850 lm	PSL100R-1140WW2-2	5234 lm	PSL100R-1140WW0-2	5234 lm			



○ Weiß | White ● Schwarz | Black ● Aluminium eloxiert | Aluminium anodized



PINLED



- LED Wand- und Deckenanbauleuchte
- Gehäuse aus eloxiertem, stranggepresstem Aluminium, mit Opalabdeckung aus PMMA
- Schutzart: IP44
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- Kabeleinführung mittig

Auf Anfrage

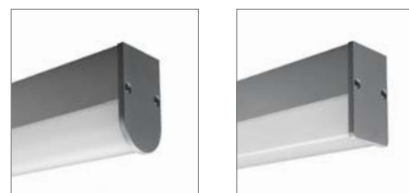
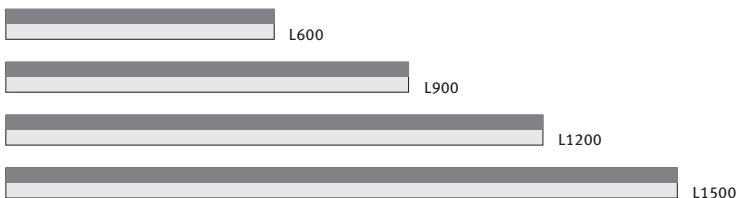
- Weitere Längen
- Mit Stromschienenadapter
- Mit Kippschalter
- Gehäusefarbe schwarz oder weiß

- LED wall and ceiling mounted luminaire
- Extruded aluminium profile anodized, with opal cover made of PMMA
- Protection Rating: IP44
- Protection Class: I
- Built-in electronic power supply
- Centered cable entry

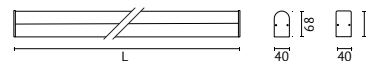
On request

- Other lengths
- With power-track-adapter
- With flip switch
- Housing colour black or white

120lm/W



LED Wand- und Deckenanbauleuchte | LED wall and ceiling mounted luminaire
220÷240V / CRI >80



Abdeckung rund | Round cover

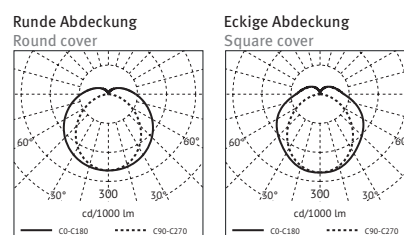
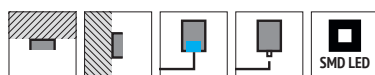
L600 mm	16 W	L900 mm	25 W	L1200 mm	32 W	L1500 mm	39 W
4000 K PINR-600NW	2156 lm	4000 K PINR-900NW	3234 lm	4000 K PINR-1200NW	4313 lm	4000 K PINR-1500NW	5544 lm
3000 K PINR-600WW	2060 lm	3000 K PINR-900WW	3089 lm	3000 K PINR-1200WW	4120 lm	3000 K PINR-1500WW	5297 lm
2700 K PINR-600SW	1973 lm	2700 K PINR-900SW	2958 lm	2700 K PINR-1200SW	3945 lm	2700 K PINR-1500SW	5072 lm

Abdeckung eckig | Square cover

L600 mm	16 W	L900 mm	25 W	L1200 mm	32 W	L1500 mm	39 W
4000 K PINE-600NW	2179 lm	4000 K PINE-900NW	3268 lm	4000 K PINE-1200NW	4358 lm	4000 K PINE-1500NW	5601 lm
3000 K PINE-600WW	2082 lm	3000 K PINE-900WW	3122 lm	3000 K PINE-1200WW	3954 lm	3000 K PINE-1500WW	5353 lm
2700 K PINE-600SW	1994 lm	2700 K PINE-900SW	2990 lm	2700 K PINE-1200SW	3986 lm	2700 K PINE-1500SW	5126 lm

Ausführung DALI (ausgenommen PINE/PINR 900) | Version DALI (except PINE/PINR 900)

Code + **-DD (PINR-600NW-DD)**





- LED Montage - und Arbeitsplatzleuchte für den Innenbereich
- Gehäuse aus eloxiertem stranggepresstem Aluminium
- Mit innenliegendem Reflektor
- Mit prismatischer Abdeckung aus PMMA
- Zwei Versionen:
 1. mit Taster und Schüsselschalter zum Sperren der Dimmfunktion
 2. mit 1-10V Schnittstelle
- Schutzart: IP20
- Schutzklasse: I
- Inkl. 2,80 m Zuleitung mit Eurostecker
- Integriertes elektronisches Versorgungsteil

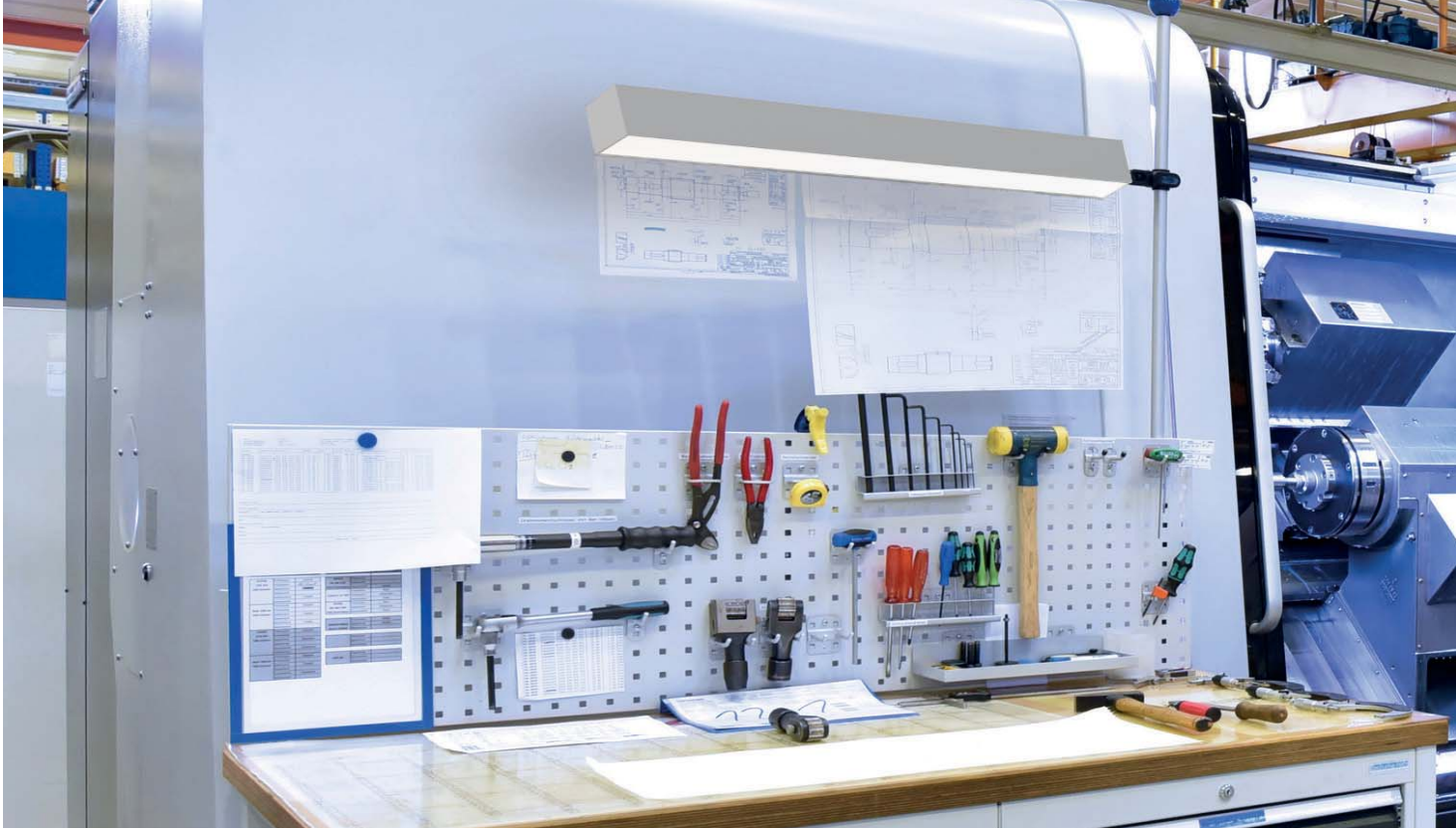
Auf Anfrage

- Mit starren oder schwenkbaren Befestigungswinkeln
- Kundenspezifische Ausführungen möglich

- LED light fitting for workshops and workplaces
- Extruded aluminium profile anodized
- With interior reflector
- With prismatic PMMA cover
- Two versions:
 1. with key switch to disconnect dimming function
 2. with external 1-10V interface
- Protection Rating: IP20
- Protection Class: I
- Incl. 2.80 m supply with Euro-plug
- Built-in electronic power supply

On request

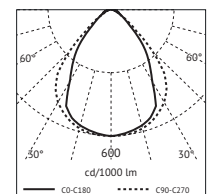
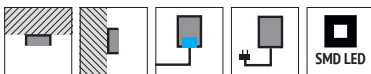
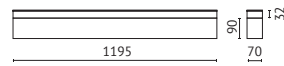
- With fixed or adjustable mounting bracket
- Customized versions available



LED Montage- und Arbeitsplatzleuchte | LED light fitting for workshops and workplaces
220÷240V / CRI >90

Aluminium | Aluminium

L1200 mm	Mit 1-10V Schnittstelle With 1-10V interface	37 W
6500 K	RAF-42SCW7D RAF-42SCW7D-1-10V	3073 lm



LEST



- LED Lichtleiste für Lichtvouten, Regalbeleuchtung, indirekte Beleuchtung
- Schutzart: IP20
- Schutzklasse: II
- Inkl. Metallclips
- Integriertes elektronisches Versorgungsteil
- Max. Betriebslänge bis 300W mit einer Einspeisung
- Ohne Ein-/Ausschalter, ohne Zuleitung
- Max. Verbindung 400W

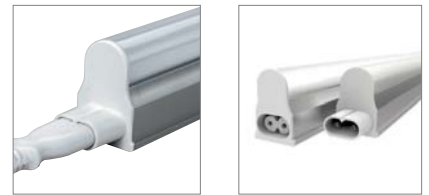
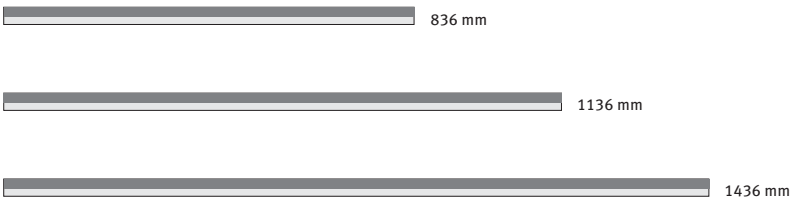
Nicht im Lieferumfang enthalten (muss separat bestellt werden)

- Zuleitung
- Verbindungskabel (optional)

- LED batten for cove lighting, shelf lighting, indirect illumination
- Protection Rating: IP20
- Protection Class: II
- With mounting clips
- Built-in electronic power supply
- Operating length up to 300W with one feed
- Without on/off switch, without power cable
- Max. connection 400W

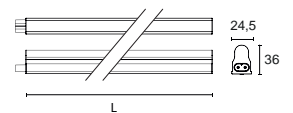
Not included in the delivery (has to be ordered separately)

- Power cable
- Connection cable (optional)



LED Lichtleiste | LED batten
100÷240V / CRI >80

L836 mm	13 W	L1136 mm	18 W	L1436 mm	22 W
4000 K LEST-13NW1	1382 lm	4000 K LEST-18NW1	1775 lm	4000 K LEST-22NW1	1993 lm
3000 K LEST-13WW1	1340 lm	3000 K LEST-18WW1	1722 lm	3000 K LEST-22WW1	1933 lm



Zubehör | Accessories

Zuleitung | Power cable

ZUL-LEST1800

L1800 mm



Verbindungskabel | Connecting cable

Z-LEST2501

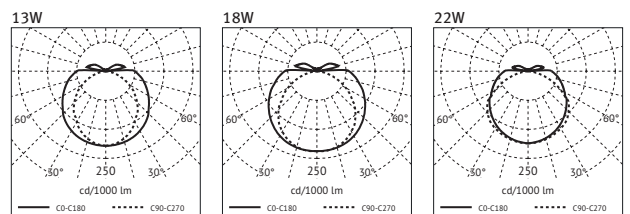
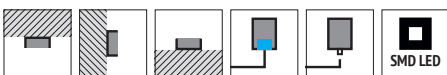
L250 mm



Verbindungskabel | Connecting cable

Z-LEST5001

L500 mm





- LED Lichtleiste für Lichtvouten, Regalbeleuchtung, Hinterleuchtungen
- Aluminium eloxiert
- Maximale Verbindung 55W
- Kunststoff Diffusor
- Schutzart: IP20
- Schutzklasse: III
- Inkl. Metallclips
- Inkl. Magnete

Nicht im Lieferumfang entalten (muss separat bestellt werden)

- Zuleitung
 - Magnethalter (optional)
 - Verbindungskabel (optional)
 - LED-Treiber
- Passende Netzteile ab Seite 373

- LED batten for cove lighting, shelf lighting, background lighting
- Aluminium anodized
- Maximal connection 55W
- Plastic diffuser
- Protection Rating: IP20
- Protection Class: III
- Incl. metal clips
- Incl. magnets

Not included in the delivery (has to be ordered separately)

- Power cable
- Magnet holder (optional)
- Connection cable (optional)
- Power supply

- Suitable power supplies see from page 373



LED Lichtleiste | LED batten
24V DC / CRI >80

** Magnete bereits in Leuchte enthalten
Magnets already integrated in the luminaire



Flache Abdeckung | Flat cover

LA285/LB294	4 W
4000 K NAH-4NW7	510 lm
3000 K NAH-4WW7	495 lm

LA565/LB574	9 W
4000 K NAH-8NW7	991 lm
3000 K NAH-8WW7	962 lm

LA845/LB854	12 W
4000 K NAH-12NW7	1415 lm
3000 K NAH-12WW7	1374 lm



Runde Abdeckung | Round cover

LA285/LB294	4 W
4000 K NAHR-4NW7	514 lm
3000 K NAHR-4WW7	499 lm

LA565/LB574	9 W
4000 K NAHR-8NW7	1003 lm
3000 K NAHR-8WW7	974 lm

LA845/LB854	12 W
4000 K NAHR-12NW7	1440 lm
3000 K NAHR-12WW7	1398 lm

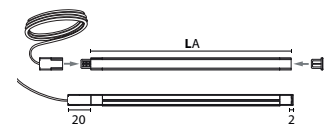
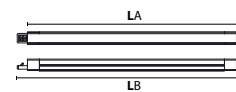


Eckige Abdeckung | Square cover

LA285/LB294	4 W
4000 K NAHE-4NW7	510 lm
3000 K NAHE-4WW7	495 lm

LA565/LB574	9 W
4000 K NAHE-8NW7	991 lm
3000 K NAHE-8WW7	962 lm

LA845/LB854	12 W
4000 K NAHE-12NW7	1415 lm
3000 K NAHE-12WW7	1374 lm



Zubehör | Accessories



Zuleitung | Power cable
ZUL-NAH200
L2000 mm



Metallbügel | Metal bracket
Z-NAHMAG
Zur Magnetbefestigung**
For magnetic attachment**



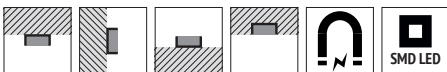
Winkelbügel | Angle bracket
Z-NAH45
45° Montage | Installation



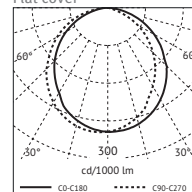
Verbindungskabel | Connecting cable
Z-NAH1501
L150 mm



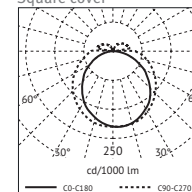
Z-NAH6001
L600 mm



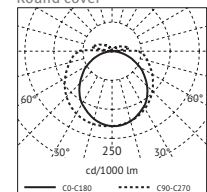
Flache Abdeckung
Flat cover



Eckige Abdeckung
Square cover



Runde Abdeckung
Round cover



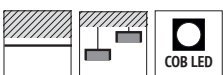
PEP ROUND TRACK

48V



- Modulares Schienensystem rund DC48V, schwarz
- Aluminium lackiert
- Gehäusefarbe Strahler: weiß/schwarz und schwarz
- Decken- und Pendelmontage
- Beliebige Positionierung der Strahler, Pendelleuchten und Lichteinsätze in der Schiene
- Einfaches Einsetzen, Versetzen oder Entfernen der Lichtkomponenten ohne Werkzeugeinsatz
- Seilabhängung ca. 1500 mm
- Schutzklasse: III
- Schutzart: IP20

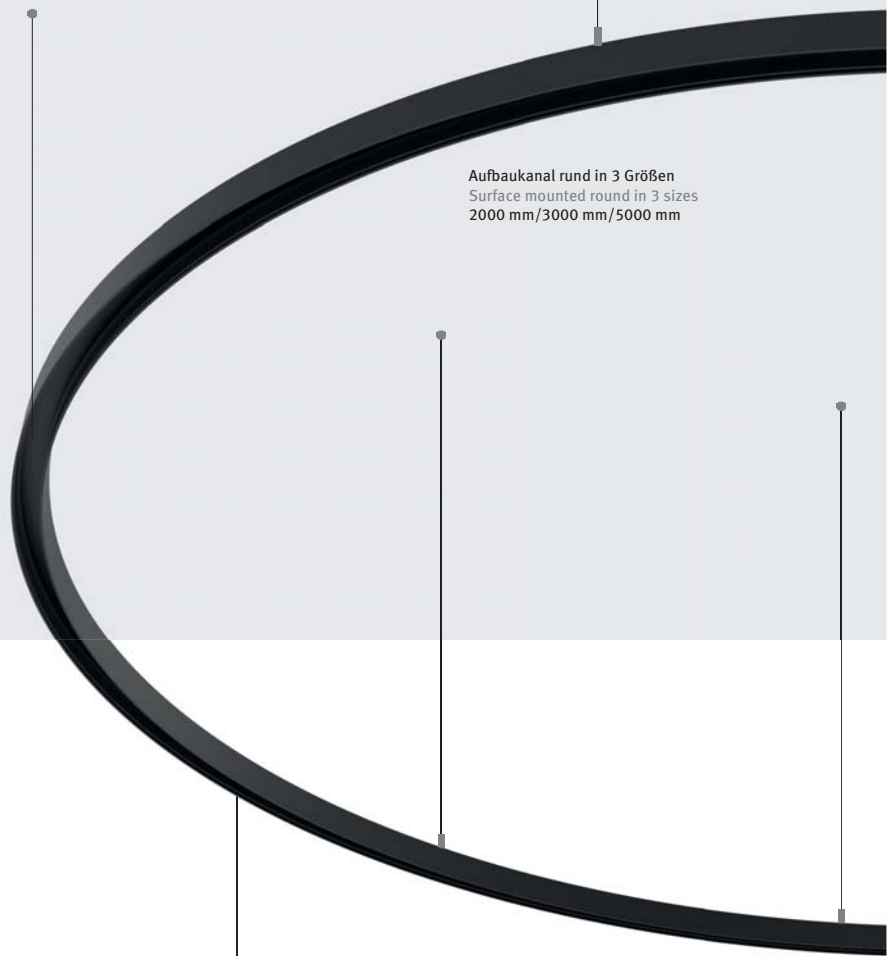
- Modular linear system round DC48V, black
- Painted aluminium
- Housing color spotlight: white/black and black
- Ceiling and pendant mounting
- Individual positioning of the spotlights, pendant lights and light inserts in the track
- Easy and toolless inserting, moving or removing of the lighting components
- Suspension approx. 1500 mm
- Protection Class: III
- Protection Rating: IP20





Passende Pendelleuchten, Strahler und
Lichteinsatz siehe Folgeseite
Matching pendant luminaires, spotlights
and light insert see following page

Aufbaukanal rund in 3 Größen
Surface mounted round in 3 sizes
2000 mm/3000 mm/5000 mm



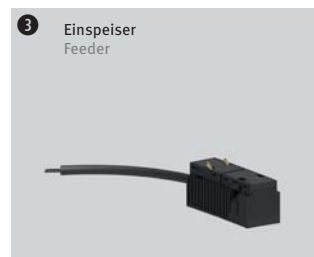
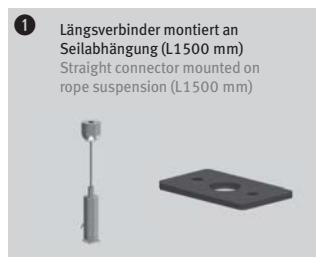
Produkte mit PEP-Round Adapter können auch
im System PEP Linear verwendet werden.
Products with PEP Round Adapter can also
be used in PEP Linear system.

PEP Aufbaukanal DC48V rund inkl. Zubehör*
PEP DC48V round incl. accessories*

Ø 2000 mm	Ø 3000 mm	Ø 5000 mm
● PEPR-202	● PEPR-302	● PEPR-502
3-teilig 3-piece	6-teilig 6-piece	8-teilig 8-piece

*Folgendes Zubehör ist im Lieferumfang enthalten | The following accessories are included in the scope of delivery

	1	2	3
Ø 2000 mm	6x	2x	1x
Ø 3000 mm	12x	5x	1x
Ø 5000 mm	16x	7x	1x



Passende Netzteile siehe Seite 96 (Linear-Adapter PEP-608 ist nicht kompatibel mit PEP round track).
Suitable power supply units see page 96 (Linear adapter PEP-608 is not compatible with PEP round track).

● Schwarz | Black

PEP

Round Track

48V



PEPR-18

PEPR-6

PEPR-13

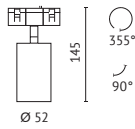
PEPR-7



Ausführung weiß
White version

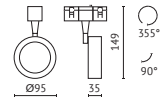
LED Strahler | LED Spotlight
DC48V / CRI >90

∧ 30° / Ø 52 mm, H145 mm	18 W
3000 K ● PEPR-18WW12	1274 lm
2700 K ● PEPR-18SW12	1223 lm

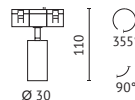


LED Strahler | LED Spotlight
∧ 38° / DC48V / CRI >90

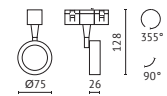
Ø 95 mm, H149 mm	11 W
3000 K ○ PEPR-13WW11 ● PEPR-13WW12	1140 lm
2700 K ○ PEPR-13SW11 ● PEPR-13SW12	1095 lm



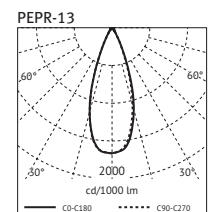
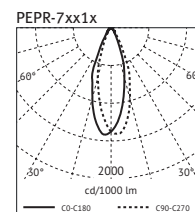
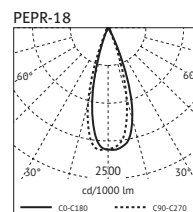
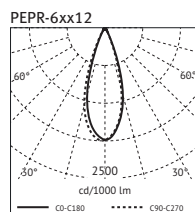
∧ 36° / Ø 30 mm, H110 mm	7 W
3000 K ● PEPR-6WW12	475 lm
2700 K ● PEPR-6SW12	456 lm



Ø 75 mm, H128 mm	6 W
3000 K ○ PEPR-7WW11 ● PEPR-7WW12	527 lm
2700 K ○ PEPR-7SW11 ● PEPR-7SW12	506 lm



○ Weiß | White ● Schwarz | Black





PEPR-11

PEPR-6

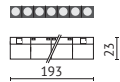
PEPR-7

LED Lichteinsatz mit Linse und Raster | LED light insert with lens and grid
 Δ : 36° / DC48V / CRI >90

L193xB/W24,5xH23 mm

8 W

- 3000 K ● PEPR-11WW2
- 2700 K ● PEPR-11SW2



LED Pendelleuchte | LED Pendant luminaire
 DC48V / CRI >90

Δ : 36° / Ø 30 mm, L300 mm

7 W

- 3000 K ○ PEPR-6WW31 ● PEPR-6WW32 475 lm
- 2700 K ○ PEPR-6SW31 ● PEPR-6SW32 456 lm

Kabellänge: 1500 mm | Cable length: 1500 mm



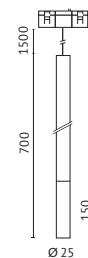
LED Pendelleuchte | LED Pendant luminaire
 DC48V / CRI >90

Δ : 113° / Ø 25 mm, L700 mm

7 W

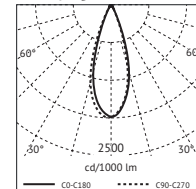
- 3000 K ● PEPR-7WW34L 374 lm

Kabellänge: 1500 mm | Cable length: 1500 mm

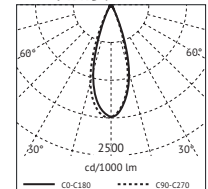


○ Weiß | White ● Schwarz | Black ● Messing | Brass

PEPR-6xx3x



PEPR-7WW34L



PEP LINEAR

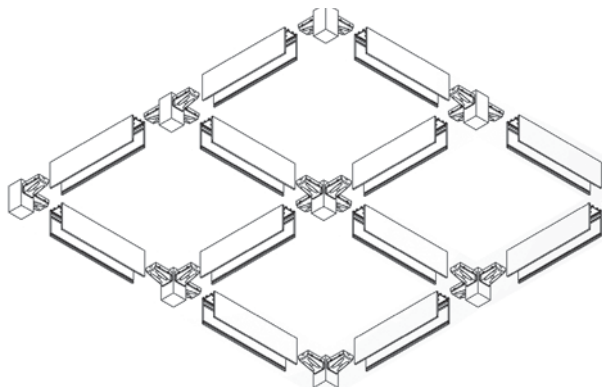
48V



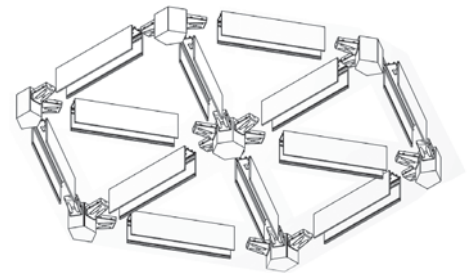
- Modulares Auf- und Einbauschiensystem DC48V, schwarz
- Aluminium lackiert
- Gehäusefarben Strahler: schwarz/weiß und schwarz
- Wand-, Decken- und Pendelmontage
- Beliebige Positionierung der Strahler, Pendelleuchten und Lichteinsätze in der Schiene
- Einfaches Einsetzen, Versetzen oder Entfernen der Lichtkomponenten ohne Werkzeugeinsatz
- Seilabhängung ca. 1500 mm, andere Längen auf Anfrage
- Schutzklasse: III
- Schutzart: IP20

- Modular surface or recessed mounted linear system DC48V, black
- Painted aluminium
- Housing color spotlight: black/white and black
- Wall, ceiling and pendant mounting
- Individual positioning of the spotlights, pendant lights and light inserts in the track
- Easy and toolless inserting, moving or removing of the lighting components
- Suspension approx. 1500 mm, other lengths on request
- Protection Class: III
- Protection Rating: IP20





Quadratische Kombination
Square combination



Hexagonale Kombination
Hexagonal combination

Zubehör siehe Seite 96
Accessories see page 96

PEP LINEAR

Zubehör | Accessories

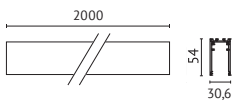
48V

Aufbaukanal | Surface mounted version



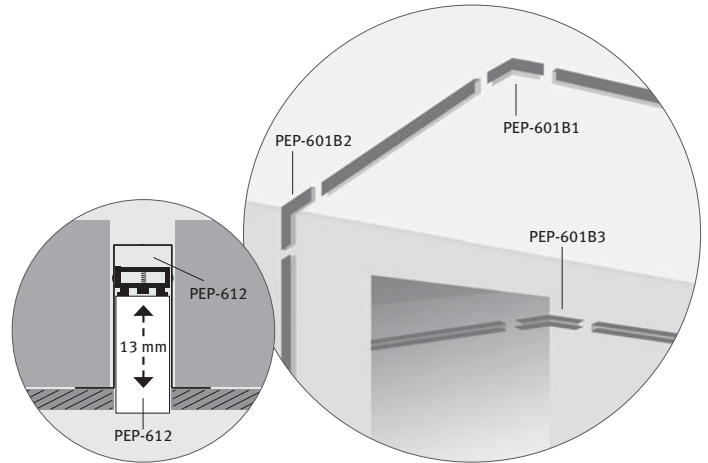
Aufbauschiene
Surface mounted track system

- **PEP-202**
L 2000 mm



Stahlseilauflösung
Steel wire suspension kit

- **PEP-1500**
L 1500 mm
Für Aufbauschiene
For surface mounted track

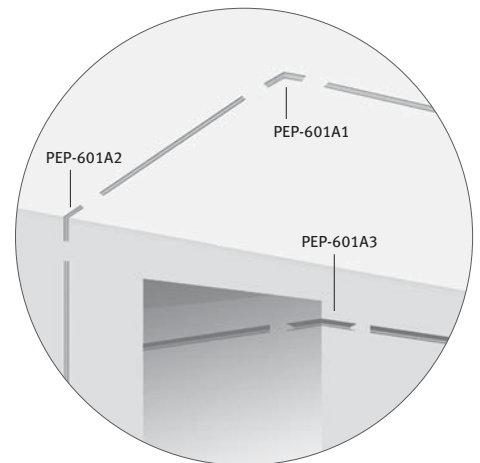
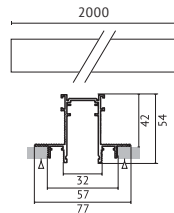


Einbaukanal | Recessed mounted version



Einbauschiene
Recessed track system

- **PEP-262**
L 2000 mm

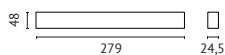


PEP TRACK IN LED-Adapter

Für PEP-202 und PEP-262, inkl. integriertem Netzteil
For PEP-202 and PEP-262, power supply included

Inkl. Zuleitung L1500 mm und Wago Klemme | Incl. power supply cable L1500 mm and wago terminal

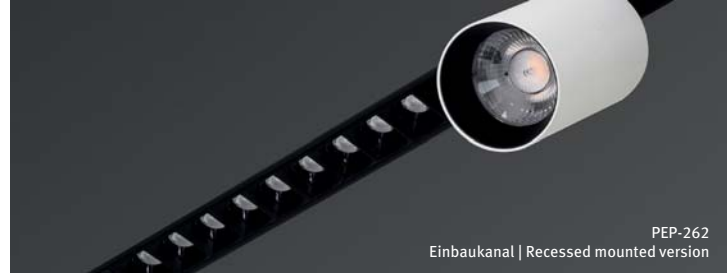
L279 mm
100 W ● **PEP-608**



● Schwarz | Black

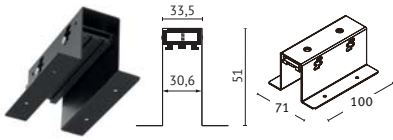


PEP-202
Aufbauschiene | Surface mounted track



PEP-262
Einbaukanal | Recessed mounted version

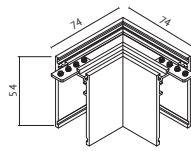
Für Aufbauschiene | For surface mounted track



Einbauwinkel für PEP-202 | Mounting bracket for PEP-202

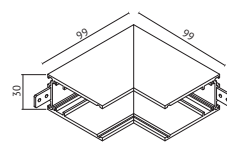
● PEP-612

Höhe in 4 Stufen einstellbar | Height adjustable in 4 steps



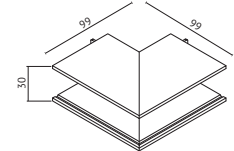
Eckverbinder
L-connector

● PEP-601B1



Eckverbinder Innenwinkel
L-connector inside angle

● PEP-601B2



Eckverbinder Außenwinkel
L-connector external angle

● PEP-601B3

Verbinder für PEP-202 sichtbar, H54 mm | Coupler for PEP-202 Coupler visible, H54 mm

Elektrisch DC48V | Electrical DC48V



L-Verbinder
L-coupler

● PEP-609



Längsverbinder
l-coupler

● PEP-609-01



T-Verbinder
T-coupler

● PEP-609-02



X-Verbinder
X-coupler

● PEP-609-03



Rautenform-Verbinder
Rhombus shape-coupler

● PEP-609-04



T-Verbinder Raute
T-coupler rhombus

● PEP-609-06

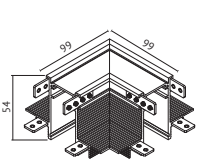


Hexagonform-Verbinder
Hexagon shape-coupler

● PEP-609-05

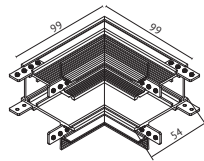
Nur mechanisch | Only mechanical

Für Einbauschiene, einschl. Metallverbinder
For recessed mounted track system incl. metal connector



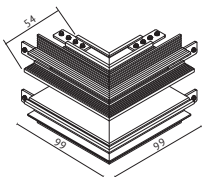
Eckverbinder
L-connector

● PEP-601A1



Eckverbinder Innenwinkel
L-connector inside angle

● PEP-601A2



Eckverbinder Außenwinkel
L-connector external angle

● PEP-601A3

Für Ein- und Aufbauschiene
For recessed and surface mounted track system



Abdeckung | Cover
L2000 mm

● PEP-202C



Enddeckel | End cover

● PEP-605



Verbinder | Connector

● PEP-601A

2 Metallverbinder inkl. Madenschrauben
2 Metal connector incl. grub screws

Elektrische Verbinder DC48V für Ein- und Aufbauschiene,
innenliegend
Electrical connectors DC48V for recessed and surface mounted track system, concealed



Elektrischer Verbinder
Electrical connector

● PEP-602

Ohne Kabel | Without cable



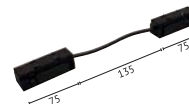
Einspeisekabel
Supply cable

● PEP-602A

● PEP-602A1

L600 mm

L1500 mm



Verbindungskabel
Connecting cable

● PEP-602C

L285 mm

Passende Netzteile 48 V | Suitable power supplies 48 V

LED Netzteil
LED Power supply

220 - 240V AC / 50 / 60Hz / 176 - 280V DC
Notstromfähig, mit Zugentlastung und Berührungsschutz
Emergency power capable, with strain relief and Protection against contact

L235xB/W100xH31 mm

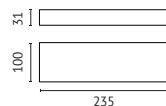
DALI und Push Funktion
DALI and push function

75 W TRL-LCU75W48V

TRL-LCU75W48VDD

150 W TRL-LCU150W48V

TRL-LCU150W48VDD

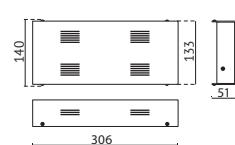


Aufgehäuse für Netzteil TRL-LCU DC48V (mit Zugentlastung L325 mm)
Mounting housing for power supply TRL-LCU DC48V (with cable relief L325 mm)

L306xB/W133xH51 mm

○ Z-VTBOXPEP01

● Z-VTBOXPEP02



○ Weiß | White ● Schwarz | Black

PEP LINEAR

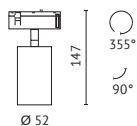
Strahler | Spotlights

48V



PEP Linear-Adapter sind nicht mit PEP round track kompatibel.
PEP linear adapters are not compatible with PEP round track.

LED Strahler | LED Spotlight
▲ 30° / DC48V / CRI >90

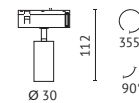


Ø 52 mm, H147 mm		12 W
3000 K	● ○ PEP-14WW12-1 ● PEP-14WW12	1036 lm
2700 K	● ○ PEP-14SW12-1 ● PEP-14SW12	994 lm



3000 K	● ○ PEP-14WW12-1DD ● PEP-14WW12DD	1036 lm
2700 K	● ○ PEP-14SW12-1DD ● PEP-14SW12DD	994 lm

LED Strahler | LED Spotlight
▲ 36° / DC48V / CRI >90



Ø 30 mm, H112 mm		7 W
3000 K	● ○ PEP-8WW12-1 ● PEP-8WW12	457 lm
2700 K	● ○ PEP-8SW12-1 ● PEP-8SW12	439 lm



3000 K	● ○ PEP-8WW12-1DD ● PEP-8WW12DD	457 lm
2700 K	● ○ PEP-8SW12-1DD ● PEP-8SW12DD	439 lm

Zubehör Ø 52 mm | Accessories Ø 52 mm



Aufsatz angeschrägt
Cap bevelled

Z-PEP1

Ø 52 mm

Zur Lichtlenkung
For light control



Aufsatz rund
Cap round

Z-PEP2

Ø 52 mm



Leuchtenring
Luminaire ring

Z-PEP3

Ø 52 mm

Aus Acryl, opal
Made of acrylic, opal



Reflektor/Linse
Reflector/lens

15° **Z-RPEP15**

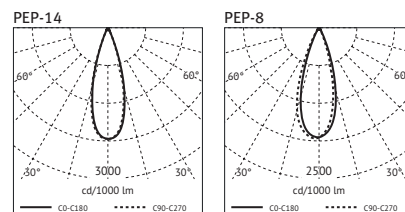
30° **Z-RPEP30**

50° **Z-RPEP50**

Ø 44 mm



●○ Schwarz/Weiß | Black/White ● Schwarz | Black





PEP-Round-Adapter sind mit PEP linear kompatibel.
PEP-Round adapters are compatible with PEP linear.

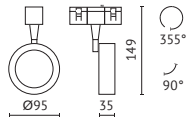


LED Strahler | LED Spotlight
⤴ 38° / DC48V / CRI >90

Ø 95 mm, H149 mm

11 W

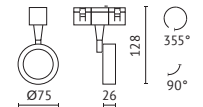
3000 K ○ **PEPR-13WW11** ● **PEPR-13WW12** 1140 lm
2700 K ○ **PEPR-13SW11** ● **PEPR-13SW12** 1095 lm



Ø 75 mm, H128 mm

6 W

3000 K ○ **PEPR-7WW11** ● **PEPR-7WW12** 527 lm
2700 K ○ **PEPR-7SW11** ● **PEPR-7SW12** 506 lm

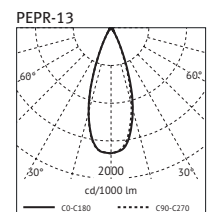
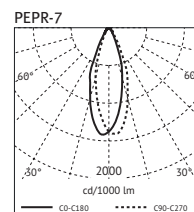


Ausführung weiß | White version



○ Weiß | White

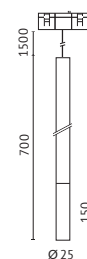
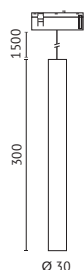
● Schwarz | Black



PEP LINEAR

Pendelleuchten | Pendant luminaire

48V



LED Pendelleuchte mit Adapter | LED pendant luminaire with adaptor
 ⚡ 36° / DC48V / CRI >90

Ø 30 mm, H300 mm DALI **7 W**
 2700 K ● **PEP-8SW32** ● **PEP-8SW32DD** 470 lm

Kabellänge: 1500 mm | Cable length: 1500 mm

LED Pendelleuchte mit Adapter | LED pendant luminaire with adaptor
 ⚡ 113° / DC48V / CRI >90

Ø 25 mm, L700 mm **7 W**
 ● **PEPR-7WW34L** 374 lm

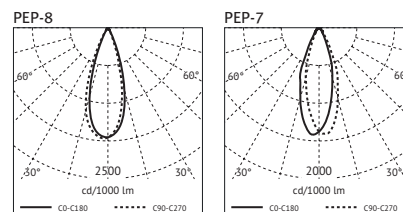
Kabellänge: 1500 mm | Cable length: 1500 mm



PEP Linear-Adapter sind nicht mit PEP round track kompatibel.
 PEP linear adapters are not compatible with PEP round track.



● Schwarz | Black ● Messing | Brass

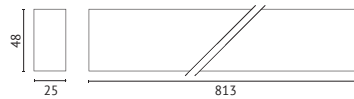




LED Pendelleuchte mit Raster | LED pendant luminaire with grid
 ⚡ 96° / DC48V / CRI>90

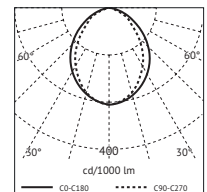
L813 x B/W25 x H48 mm **17 W**
 3000 K ● **PEP-18WW32** 809 lm

Kabellänge: 1500 mm | Cable length: 1500 mm



● Schwarz | Black

PEP Linear-Adapter sind nicht mit PEP round track kompatibel.
 PEP linear adapters are not compatible with PEP round track.



PEP LINEAR

Lichteinsätze | Light inserts

48V



PEP-4

PEP-7

PEP-12

PEPS-7

LED Lichteinsatz mit Linsen und Raster
LED light insert with lenses and grid

△ 36° / DC48V / CRI >90



L69xB/W24,5xH48 mm **4 W**

3000 K ● **PEP-4WW2** 274 lm

2700 K ● **PEP-4SW2** 263 lm



L137xB/W24,5xH48 mm **7 W**

3000 K ● **PEP-7WW2** 527 lm

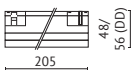
2700 K ● **PEP-7SW2** 506 lm



L205xB/W24,5xH48 mm **10 W**

3000 K ● **PEP-12WW2** ● **PEP-12WW2DD** 846 lm

2700 K ● **PEP-12SW2** ● **PEP-12SW2DD** 812 lm



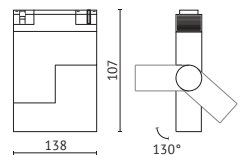
LED Lichteinsatz mit Linsen und Raster, schwenkbar
LED light insert with lenses and grid, swiveling

△ 36° / DC48V / CRI >90



L138 x B/W24,5 x H107 mm **7 W**

3000 K ● **PEPS-7WW2** 574 lm



Zubehör | Accessories

Reflektor/Linse | Reflector/lens
Z-RPEPS20 **Z-RPEPS50**
20° / Ø 18mm 50° / Ø 18mm

Zubehör | Accessories



Reflektor/Linse | Reflector/lens

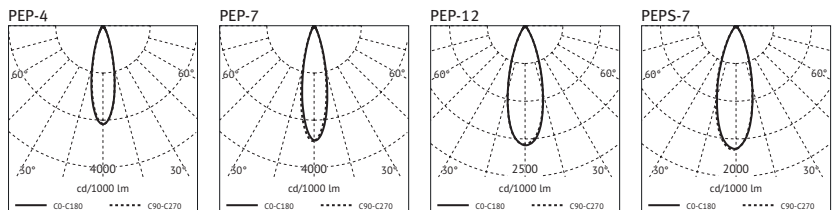
Z-RPEP12

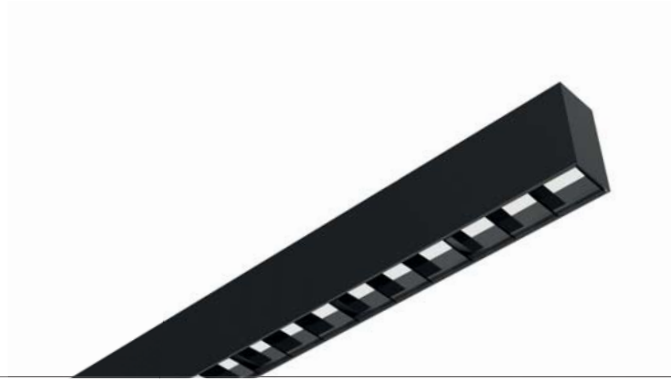
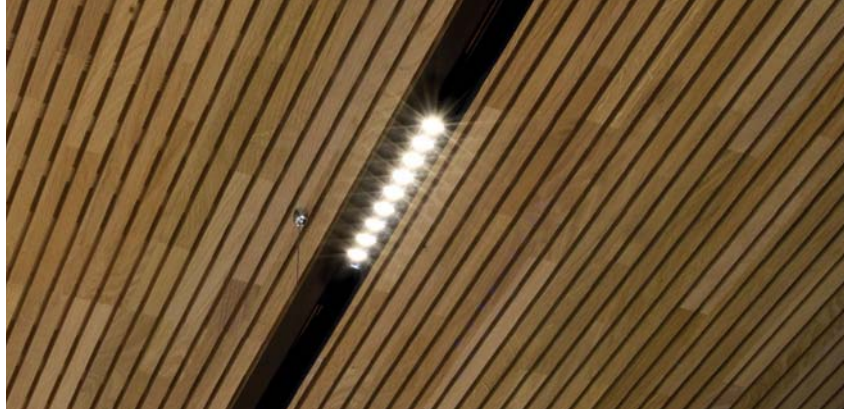
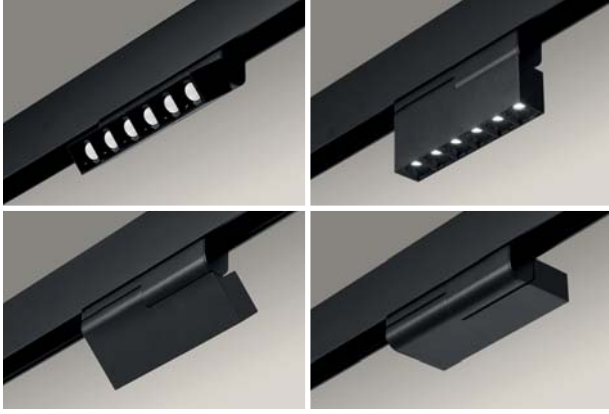
12° / Ø 17mm

PEP Linear-Adapter sind nicht mit PEP round track kompatibel.
PEP linear adapters are not compatible with PEP round track.



● Schwarz | Black





PEP-6

PEP-11

PEP-18

LED Lichteinsatz mit opaler Abdeckung
LED light insert with opal diffuser

∆: 110° / DC48V / CRI >80

L205xB/W24,5xH48 mm



DALI | H56 mm

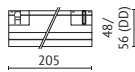
6 W

3000 K ● **PEP-6WW2**

● **PEP-6WW2DD** 346 lm

2700 K ● **PEP-6SW2**

● **PEP-6SW2DD** 332 lm



LED Lichteinsatz mit Raster
LED Light insert with grid

∆: 95° / DC48V / CRI >90

L812xB/W24,5xH48 mm

20 W

3000 K ● **PEP-18WW12**

918 lm



L408xB/W24,5xH48 mm



DALI | H56 mm

11 W

3000 K ● **PEP-11WW2**

● **PEP-11WW2DD** 705 lm

2700 K ● **PEP-11SW2**

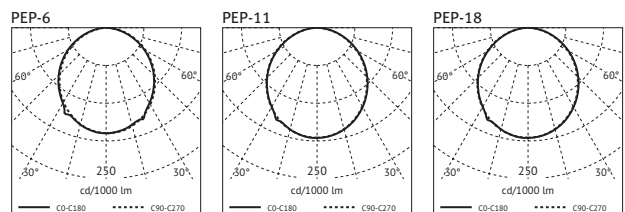
● **PEP-11SW2DD** 705 lm



PEP Linear-Adapter sind nicht kompatibel mit PEP round track.
PEP linear adapters are not compatible with PEP round track.



● Schwarz | Black





- LED Deckeneinbauleuchte mit optionalem Aufbaurahmen
- Gehäuse aus pulverbeschichtetem Alu-Druckguss
- Schnellspannfedern
- Lichtfarbe umschaltbar (3000 K/4000 K)
- UGR_{≤19}
- Reflektor aus Aluminium
- Schutzart: IP54 unterhalb Decke, IP40 innerhalb Decke
- Schutzklasse: II
- Inkl. externem, elektronischem Versorgungsteil

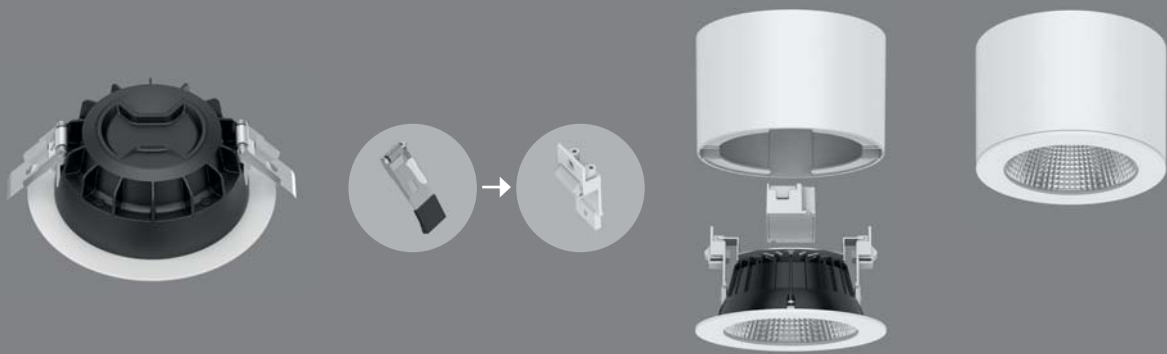
Auf Anfrage

- DALI

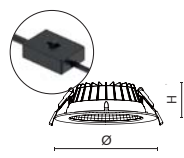
- LED recessed ceiling luminaire with optional surface mount frame
- Body in die-cast aluminium, powder coated
- Quick-release springs
- CCT switchable (3000 K/4000 K)
- UGR_{≤19}
- Reflector in aluminium
- Protection Rating: IP54 below ceiling, IP40 inside ceiling
- Protection Class: II
- Incl. external power supply

On request

- DALI



120lm/W



EDU
LED Einbaudownlight, Lichtfarbe umschaltbar
LED recessed downlight, light temperature switchable
△ 60° / 220-240V / UGR≤19 / CRI >80

EDU
Aufbauahmen inkl. Montageset
Mounting frame incl. mounting set

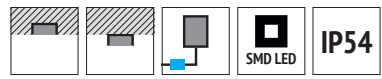
Ø145 x H55 mm, 120-130 mm		3000 K 4000 K
● EDU-9WWNW1	● EDU-9WWNW2	9 W 1231 lm 1282 lm

Ø148 x H93 mm, für EDU Ø145 mm	
○ EDU-AUR145-1	● EDU-AUR145-2

Ø228 x H61 mm, 200-210 mm		3000 K 4000 K
○ EDU-18WWNW1	● EDU-18WWNW2	17 W 2518 lm 2523 lm

Ø232 x H100 mm, für EDU Ø228 mm	
○ EDU-AUR228-1	● EDU-AUR228-2

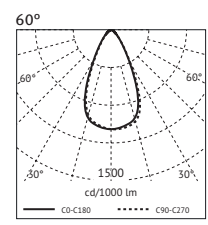
Ausführung 18 W DALI | Version 18 W DALI
Code + **DD (EDU-18WWNW1DD)**



IP54 Unterhalb der Decke | Below Ceiling
IP40 Innerhalb der Decke | Inside Ceiling



○ Weiß RAL9016 | White RAL9016 ● Schwarz RAL9005 | Black RAL9005



ERO1^N



- LED Einbaudownlight
- Gehäuse aus Alu-Druckguss mit Schnellspannfedern
- Lichtfarben umschaltbar 3000K, 4000K, 5700K
- Frontseite IP54 (bei geschlossener Decke)
- Geringe Einbautiefe
- Breite Lichtverteilung
- Sofortstart
- Externer LED Treiber von marktführenden Herstellern wie Philips, Osram, Tridonic, etc.
- Schutzklasse II

Auf Anfrage:

- Dimmbare Version
- Weitere Adapterringe

- LED recessed downlight
- Body in die-cast aluminium with quick-release springs
- Switchable 3000K, 4000K, 5700K
- Front IP54 (at closed ceiling)
- Low mounting depth
- Wide beam
- Instant start
- Remote power supply from leading manufacturers such as Philips, Osram, Tridonic, etc.
- Protection class II

On request:

- Dimmable version
- Other adapter rings



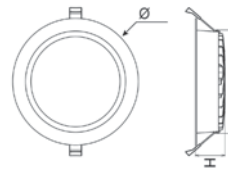
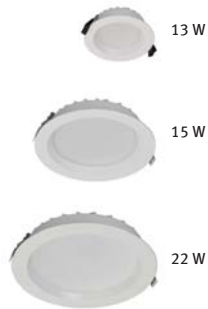
120lm/W

ERO
LED Einbaudownlight
LED recessed downlight
∧ 120° / 220÷240V / CRI >80

Lichtfarben umschaltbar
Light colors switchable



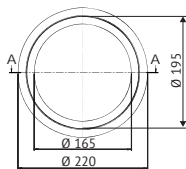
		3000 K	4000 K	5700 K
Ø 145 x H50 mm, Ø 120 mm				
○ ERO1-13WWSCW1	13 W	1703 lm	1756 lm	1756 lm
Ø 190 x H50 mm, Ø 160 mm				
○ ERO1-15WWSCW1	15 W	1965 lm	2026 lm	2026 lm
Ø 228 x H50 mm, Ø 200 mm				
○ ERO1-22WWSCW1	22 W	2882 lm	2971 lm	2971 lm



Adapterringe zum Einbau in vorhandenen Deckenausschnitten | Adapter rings in installation with existing ceiling cutout

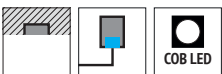
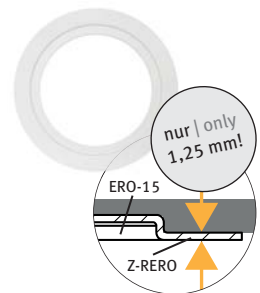
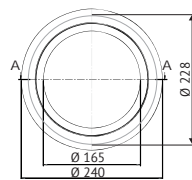
Z-RERO195

Für ERO1-15 bei vorhandenem Deckenausschnitt Ø195 mm
For ERO-15 with existing ceiling cutout Ø195 mm

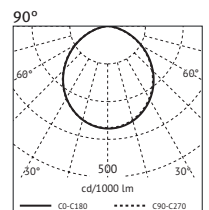


Z-RERO228

Für ERO1-15 bei vorhandenem Deckenausschnitt Ø228 mm
For ERO-22 with existing ceiling cutout Ø228 mm



○ Weiß | White





- LED-Einbaustrahler
- Dreh- und ausschwenkbar
- Gehäuse aus pulverbeschichtetem Alu-Druckguss
- Schnellspannfedern
- Schutzglas
- Reflektor aus Aluminium
- Schutzart: IP 20
- Schutzklasse: II
- Inkl. externem Versorgungsteil

Auf Anfrage

- Dimmbare Version
- Weitere Lichtfarben
- Für Lebensmittel (Gemüse-, Back- und Fleischwaren) optimierte Versionen

- LED recessed downlight
- Rotatable and pivoting
- Body in die-cast aluminium, powder coated
- Quick-release springs
- Protection glass
- Reflector in aluminium
- Protection Rating: IP 20
- Protection Class: II
- Incl. remote power supply

On request

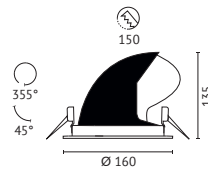
- Dimmable version
- Other light colors
- Optimized versions for groceries (vegetables, bakery and meat products)



Ab/From
01/2024
120lm/W

BWL
LED-Einbaustrahler | LED recessed downlight
220÷240V / CRI >90

Ø160 x H135 mm, 150 mm



30°

4000 K	○ BWL-30NW1	● BWL-30NW1-2	● BWL-30NW2	● BWL-30NW2-1	27 W	3259 lm
3500 K	○ BWL-30WNW1	● BWL-30WNW1-2	● BWL-30WNW2	● BWL-30WNW2-1	27 W	3226 lm
3000 K	○ BWL-30WW1	● BWL-30WW1-2	● BWL-30WW2	● BWL-30WW2-1	27 W	3194 lm
2700 K	○ BWL-30SW1	● BWL-30SW1-2	● BWL-30SW2	● BWL-30SW2-1	27 W	3131 lm

60°

4000 K	○ BWL-30NW1F	● BWL-30NW1-2F	● BWL-30NW2F	● BWL-30NW2-1F	27 W	3557 lm
3500 K	○ BWL-30WNW1F	● BWL-30WNW1-2F	● BWL-30WNW2F	● BWL-30WNW2-1F	27 W	3521 lm
3000 K	○ BWL-30WW1F	● BWL-30WW1-2F	● BWL-30WW2F	● BWL-30WW2-1F	27 W	3486 lm
2700 K	○ BWL-30SW1F	● BWL-30SW1-2F	● BWL-30SW2F	● BWL-30SW2-1F	27 W	3417 lm

30°

4000 K	○ BWL-40NW1	● BWL-40NW1-2	● BWL-40NW2	● BWL-40NW2-1	39 W	5724 lm
3500 K	○ BWL-40WNW1	● BWL-40WNW1-2	● BWL-40WNW2	● BWL-40WNW2-1	39 W	5668 lm
3000 K	○ BWL-40WW1	● BWL-40WW1-2	● BWL-40WW2	● BWL-40WW2-1	39 W	5612 lm
2700 K	○ BWL-40SW1	● BWL-40SW1-2	● BWL-40SW2	● BWL-40SW2-1	39 W	5499 lm

60°

4000 K	○ BWL-40NW1F	● BWL-40NW1-2F	● BWL-40NW2F	● BWL-40NW2-1F	39 W	5801 lm
3500 K	○ BWL-40WNW1F	● BWL-40WNW1-2F	● BWL-40WNW2F	● BWL-40WNW2-1F	39 W	5744 lm
3000 K	○ BWL-40WW1F	● BWL-40WW1-2F	● BWL-40WW2F	● BWL-40WW2-1F	39 W	5688 lm
2700 K	○ BWL-40SW1F	● BWL-40SW1-2F	● BWL-40SW2F	● BWL-40SW2-1F	39 W	5573 lm

120 lm/W in Vorbereitung | 120 lm/W in preparation

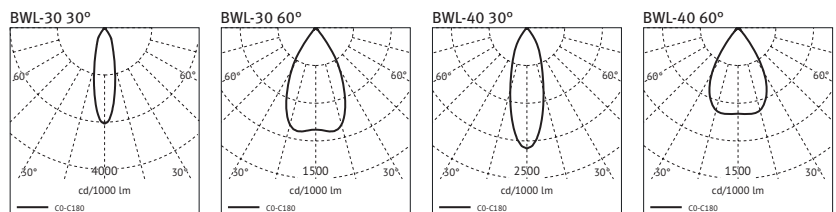
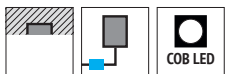
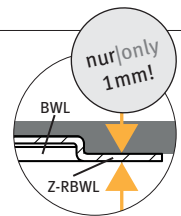
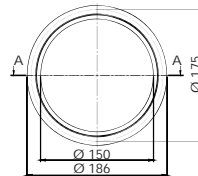
Zubehör | Accessories



Adapterring für BWL in vorhandenem Deckenausschnitt Ø175 mm
Adapter ring for BWL in existing ceiling cutout Ø175 mm

○ **Z-RBW1** ● **Z-RBW2**

Weitere Durchmesser auf Anfrage | Other diameters on request





- Runde LED Deckenanbau-, und Pendelleuchte
- Einbau mit Einbaurahmen (Zubehör) möglich
- Lichtfarbe umschaltbar (3000 K + 4000 K)
- Leuchtenkörper aus Aluminium, lackiert
- Opalabdeckung aus PMMA
- Inkl. Zuleitung
- Schutzart: IP44
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- TRIAC DIM

Auf Anfrage

- DALI

- Circular LED pendant and ceiling luminaire
- Installation possible with installation frame (accessories)
- Light temperature switchable (3000 K + 4000 K)
- Aluminium body, coated
- Opal PMMA cover
- Incl. power supply cable
- Protection Rating: IP44
- Protection Class: I
- Built-in electronic power supply
- TRIAC DIM

On request

- DALI



4000 K + 3000 K

Mit Farbtemperaturschalter | With colour switch



UMD

LED Wand- und Deckenleuchte
LED Wall and ceiling luminaire

UMD

LED Pendelleuchte inkl. Seilabhängung (L = 1500 mm)

LED Pendant luminaire incl. wire suspension (L = 1500 mm)

∧ 120° / 220-240AC / CRI >80

30 W

Ø 422 x H58 mm

3000 K 4000 K

○ **UMD-30WWNW1TD**

UMD-30WWNW31TD

3088 lm 3210 lm

● **UMD-30WWNW1-4TD**

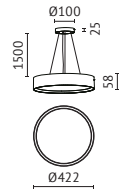
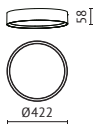
UMD-30WWNW31-4TD

2972 lm 3085 lm

● **UMD-30WWNW2-4TD**

UMD-30WWNW32-4TD

2640 lm 2812 lm



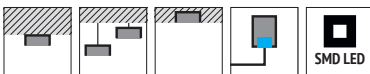
Zubehör | Accessories



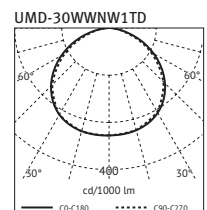
Einbaurahmen
Installation frame

○ **UMD-ER4201**

Ø434, H65 mm



○ Weiß | White ● Weiß/Gold | White/Gold ● Schwarz/Gold | Black/Gold





- LED Einbaustrahler
- Gehäuse aus pulverbeschichtetem Alu-Druckguss
- Schnellspannfedern
- UV-Schutzglas
- Reflektor aus Aluminium
- Schutzart: IP 20
- Schutzklasse: II
- Inkl. externem, elektronischem Versorgungsteil

Auf Anfrage

- 4000 K

- LED recessed downlight
- Body in die-cast aluminium, powder coated
- Quick-release springs
- Protection glass
- Reflector in aluminium
- Protection Rating: IP 20
- Protection Class: II
- Incl. remote power supply

On request

- 4000 K



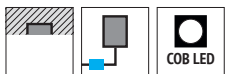
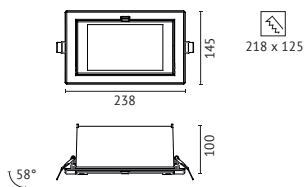
ERLE
LED-Einbaustrahler | LED recessed downlight
220÷240V / CRI >80

L238 x B/W145 x H100 mm, L218 x B/W125 mm

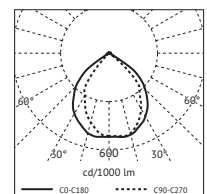
\sphericalangle 100x78° 44 W

3000 K ○ **ELRE-40WW1** 3197 lm

2700 K ○ **ELRE-40SW1** 3195 lm



○ Weiß | White





- LED Einbauleuchte mit Einzelastrer, schwenkbar
- Gehäuse aus Alu-Druckguss schwarz oder weiß
- Mit 6 oder 12 Einzelreflektoren
- 2700 K
- Schutzart: IP20
- Schutzklasse: II
- Mit Versorgungsteil

Auf Anfrage

- Dimmbar

- LED recessed luminaire with single louver
- Body in die-cast aluminium, black or white
- With 6 or 12 single reflector
- 2700 K
- Protection rate: IP20
- Protection class II
- With remote power supply

On request

- Dimmable



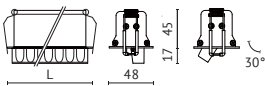
DRAS
LED Halbeinbauleuchte | LED Half-Recessed linear light fitting downlight
220-240V / CRI >90



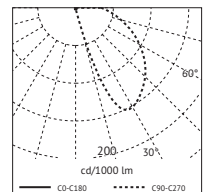
L139 x B/W48 x H62 mm,  L132 x B42 mm 12 W
2700 K ○ DRAS-12SW1 ● DRAS-12SW2 437 lm



L259 x B/W48 x H62 mm,  L252 x B42 mm 21 W
2700 K ○ DRAS-24SW1 ● DRAS-24SW2 834 lm



○ Weiß | White ● Schwarz | Black



UDL



- LED Einbauleuchte für den Innenbereich
- Gehäuse aus Alu-Druckguss schwarz oder weiß
- Schnellspannfedern
- Einzelreflektoren aus PMMA
- Miniraster
- Schutzart: IP20
- Schutzklasse: II
- Inkl. externem Versorgungsteil
- UDL-13 und UDL-25 TRIAC DIM

Auf Anfrage

- Reflektoren 15°

- LED linear recessed luminaire
- Body in die-cast aluminium, black or white
- Quick-release springs
- PMMA single reflector technic
- Mini grid
- Protection rate: IP20
- Protection class II
- Incl. remote power supply
- UDL-13 and UDL-25 TRIAC DIM

On request

- Reflectors 15°



UGR<19

UDL
LED Einbauleuchte | LED recessed downlight
△ 36° / 220-240V / CRI >90 / TRIAC

L76 x B/W45 x H51 mm, L68 x B37 mm 6 W

4000 K	● ○ UDL-6NW1-2	● UDL-6NW2	385 lm
3000 K	● ○ UDL-6WW1-2	● UDL-6WW2	326 lm
2700 K	● ○ UDL-6SW1-2	● UDL-6SW2	279 lm



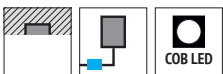
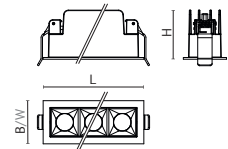
L147 x B/W45 x H51 mm, L139 x B37 mm 13 W

4000 K	● ○ UDL-13NW1D-2	● UDL-13NW2D	943 lm
3000 K	● ○ UDL-13WW1D-2	● UDL-13WW2D	797 lm
2700 K	● ○ UDL-13SW1D-2	● UDL-13SW2D	689 lm

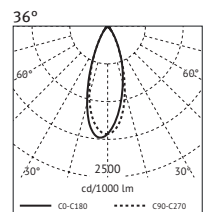


L280 x B/W45 x H51 mm, L272 x B37 mm 25 W

4000 K	● ○ UDL-25NW1D-2	● UDL-25NW2D	1827 lm
3000 K	● ○ UDL-25WW1D-2	● UDL-25WW2D	1420 lm
2700 K	● ○ UDL-25SW1D-2	● UDL-25SW2D	1310 lm



● ○ Schwarz/weiß | Black/white ● Anthrazit metallic





- Verschiedene Lichteinsätze 7/8/15 W + Dim To Warm 8 W (1800-3000K) mit Sicherheitsglas, in Aludruckgussgehäuse, weiß
- Einbaurahmen sowie Ausführungen in vielen Designs
- Schutzart: IP20
- Schutzklasse: II
- Kit mit externem, elektronischem Versorgungsteil

Auf Anfrage

- Dimmbare Version
- Lichttechnische Daten der Varianten

- Various LED modules 7/8/15 W + Dim To Warm 8 W (1800-3000K) with protection glass, aluminium die cast body, white
- All kind of mounting frames, designs available
- Protection rating IP20
- Protection class II
- Incl. remote power supply

On request

- Dimmable version
- Photometric data of the variants

DIM TO WARM
Dimmbar
1800 K -
3000 K

35 mm

Höhe nur 35 mm,
geringe Einbautiefe
Height only 35 mm,
low installation depth



8 W



8 W



15 W

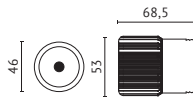


7 W



Zubehör siehe Folgeseite | Accessories see following page

Dim To Warm
LED Lichteinsätze | LED modules



∧ 30° / 220-240V / CRI >90

Ø 53 mm, H68,5 mm

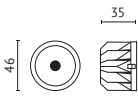
1800 K - 3000 K ○ DIL-DTW-K 8 W 444 lm

DIM TO WARM

Lichtstimmung ganz nach Wunsch stufenlos einstellbar. Gemütliches, extra warmweißes Licht (1800K), absolut flackerfrei. Optimal für ein komfortableres Ambiente in Hotels, mehr Stil und Gemütlichkeit für Bars und Restaurants sowie für einladende Gastlichkeit in Cafés und Bäckereien.

Continuous adjustment of the lighting mood as desired. Cozy, extra warm white light (1800K), absolutely flicker-free. Optimal for a more comfortable ambience in hotels, more style and coziness for bars and restaurants, and inviting hospitality in cafes and bakeries.

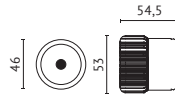
DIL
LED Lichteinsätze | LED modules



∧ 30° / 220-240V / CRI >80

Ø 46 mm, H35 mm

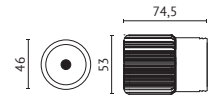
4000 K **DIL-8NW6** 8 W 667 lm
3000 K **DIL-8WW6** 8 W 641 lm
2700 K **DIL-8SW6** 8 W 622 lm



∧ 38° / 220-240V / CRI >80

Ø 53 mm, H54,5 mm

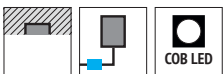
4000 K ○ **DIL-7NW1-K** 7 W 527 lm
3000 K ○ **DIL-7WW1-K** 7 W 511 lm
2700 K ○ **DIL-7SW1-K** 7 W 495 lm



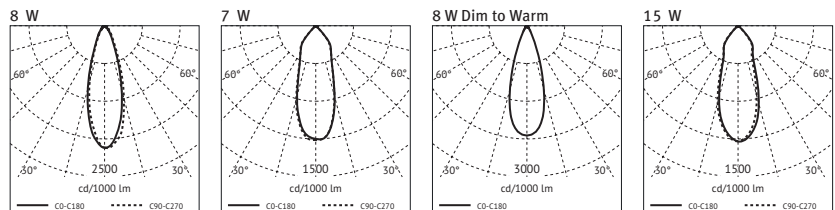
∧ 38° / 220-240V / CRI >80

Ø 53 mm, H74,5 mm

4000 K ○ **DIL-13NW1-K** 15 W 1131 lm
3000 K ○ **DIL-13WW1-K** 15 W 951 lm
2700 K ○ **DIL-13SW1-K** 15 W 1040 lm



○ Weiß | White





Reflektor 15° | Reflector 15°

DIL-R15

Mit Frontscheibe für DIL LED Modul 7 W
With front cover for DIL LED module 7 W



Reflektor 15° | Reflector 15°

DIL-R15B

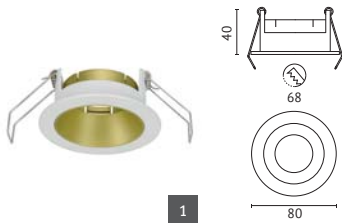
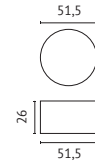
Mit Frontscheibe für DIL LED Modul 15 W
With front cover for DIL LED module 15 W



Entblendungsring | Antiglare ring

DIL-BS02

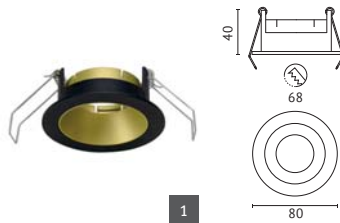
Für DIL LED Modul 7 W und 15 W und DTW
For DIL LED module 7 W and 15 W and DTW



Hoher Aufsatz, rund | High round frame

DIL-AU11

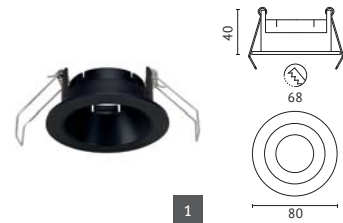
● Innen gold | Inside gold
○ Außen weiß | Outside white



Hoher Aufsatz, rund | High round frame

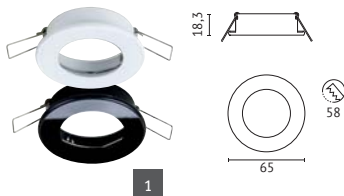
DIL-AU11-2

● Innen gold | Inside gold
● Außen schwarz | Outside black



Hoher Aufsatz, rund | High round frame

● **DIL-AU10-2**

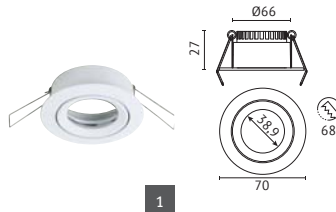


Glasaufsatz IP44 | Glass top IP44

○ **DIL-GL01**

● **DIL-GL02**

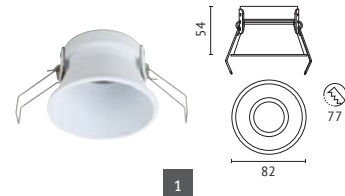
Mit Umrandung | With silkborder



Aufsatz, rund | Round frame

○ **DIL-AU1**

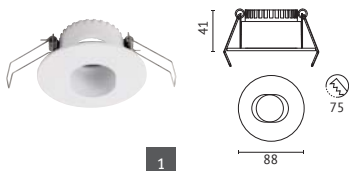
Innenring schwenkbar | Inner ring pivotable



Zurückversetzter Aufsatz | Relegated frame

○ **DIL-AU2**

• Wenig Blendung | Little glare
• Sanftes Licht | Soft light



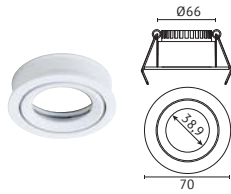
Aufsatz, rund, schwenkbar | Round frame pivotable

○ **DIL-AU3**

Ausstrahlwinkel asymmetrisch | Asymmetric beam
Ovaler Lichtaustritt | Oval light

1 Mit Schnellspannfedern | With quick-release springs

○ Weiß | White ● Schwarz | Black



Adapter

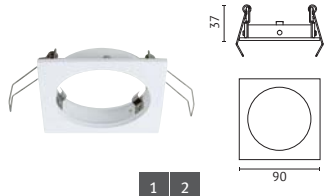
○ DIL-ADA01

Innenring schwenkbar | Inner ring pivotable



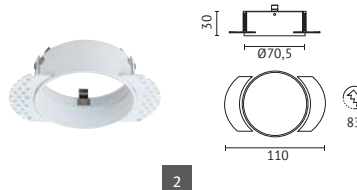
Aufsatz, rund | Round frame

○ DIL-AU4



Aufsatz, eckig | Square frame

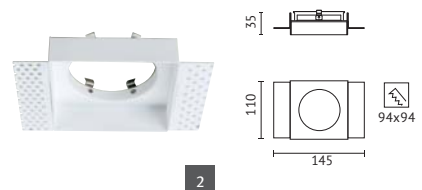
DIL-AU5



Aufsatz, rund, rahmenlos | Round frame, frameless

DIL-AU6

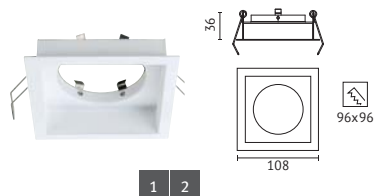
Für Einbau in Gipskarton | Recessed frame for plaster boards



Aufsatz, eckig, rahmenlos | Square frame, frameless

DIL-AU7

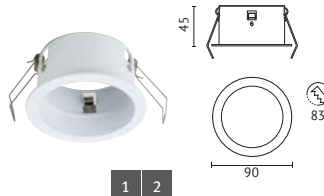
Für Einbau in Gipskarton | Recessed frame for plaster boards



Hoher Aufsatz, eckig | High square frame

DIL-AU8

Mit Rahmen | With frame



Hoher Aufsatz, rund | High round frame

DIL-AU9

Mit Rahmen | With frame

1 Mit Schnellspannfedern | With quick-release springs

2 Adapterring DIL-ADA01 erforderlich! | Adapter ring DIL ADA01 required!

○ Weiß | White

DIL-7

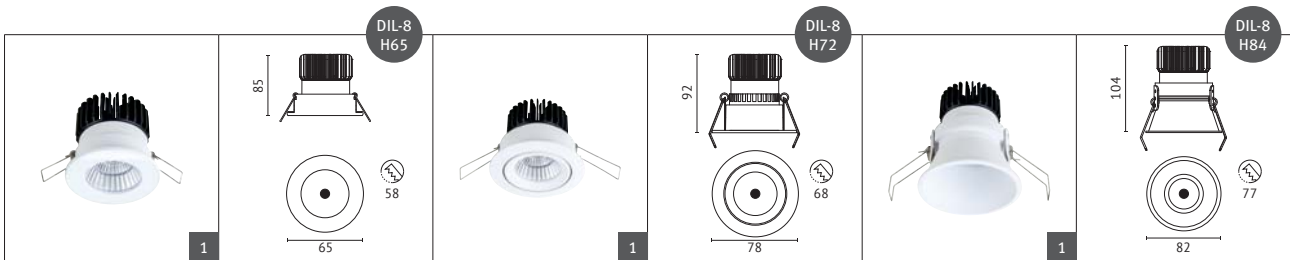
Konfigurationen | Configurations

DIL-8
H



DIL-8

Konfigurationen | Configurations
Höhe DIL-7 abzüglich 20 mm
Height DIL-7 minus 20 mm



Glasaufsatz IP44 | Glass top IP44

DIL-7xW1-K + DIL-GL01

○ Weiß | White

Mit Umrandung | With silkborder

DIL-7xW1-K + DIL-GL02

● Schwarz | Black

Aufsatz, rund | Round frame

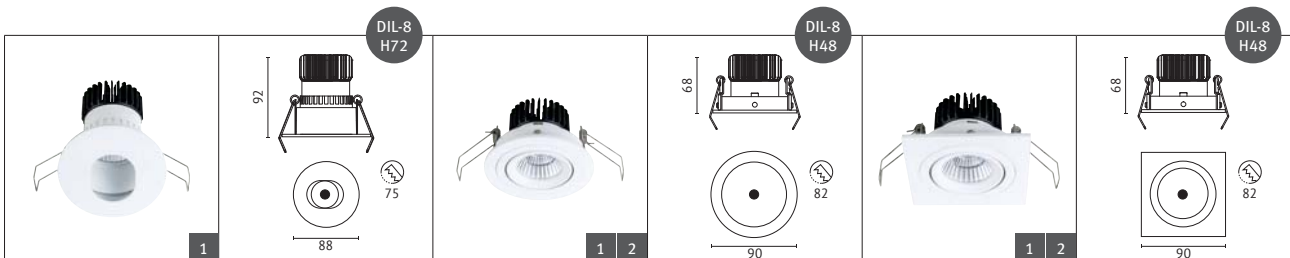
DIL-7xW1-K + DIL-AU1

Innenring schwenkbar | Inner ring pivotable

Zurückversetzter Aufsatz | Relegated frame

DIL-7xW1-K + DIL-AU2

Wenig Blendung | Little glare
Sanftes Licht | Soft light



Aufsatz, rund, schwenkbar | Round frame pivotable

DIL-7xW1-K + DIL-AU3

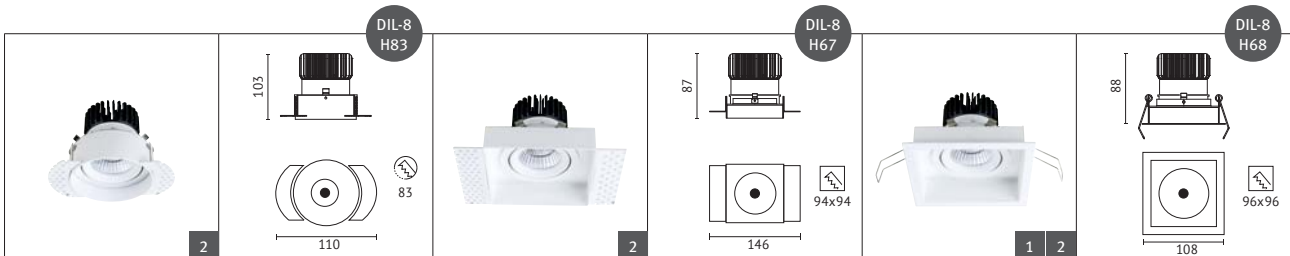
Ausstrahlwinkel asymmetrisch | Asymmetric beam
Ovaler Lichtaustritt | Oval light

Aufsatz, rund | Round frame

DIL-7xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU4

Aufsatz, eckig | Square frame

DIL-7xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU5



Aufsatz, rund, rahmenlos | Round frame, frameless

DIL-7xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU6

Für Einbau in Gipskarton | Recessed frame for plaster boards

Aufsatz, eckig, rahmenlos | Square frame, frameless

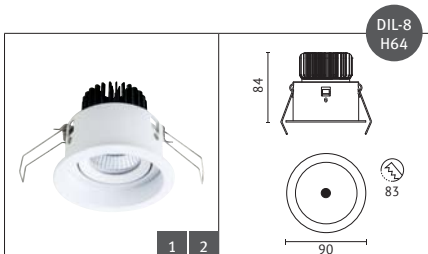
DIL-7xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU7

Für Einbau in Gipskarton | Recessed frame for plaster boards

Hoher Aufsatz, eckig | High square frame

DIL-7xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU8

Mit Rahmen | With frame



Hoher Aufsatz, rund | High round frame

DIL-7xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU9

Mit Rahmen | With frame

DIL-7 Konfigurationen sind ab DIL-AU4 bis AU9 schwenkbar
DIL-7 configurations can be pivoted from DIL-AU4 to AU9

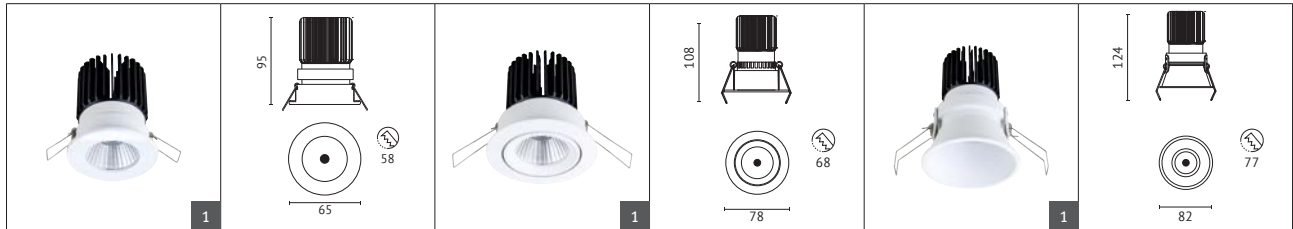
1 Mit Schnellspannfedern | With quick-release springs

2 Adapterring DIL-ADA01 erforderlich! | Adapter ring DIL ADA01 required!

○ Weiß | White

DIL-13

Konfigurationen | Configurations



Glasaufsatz IP44 | Glass top IP44

DIL-13xW1-K + DIL-GL01

○ Weiß | White

Mit Umrandung | With silkborder

DIL-7xW1-K + DIL-GL02

● Schwarz | Black

Aufsatz, rund | Round frame

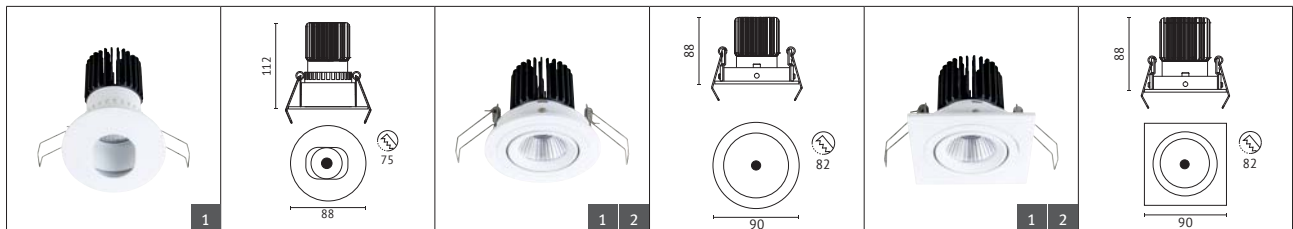
DIL-13xW1-K + DIL-AU1

Innenring schwenkbar | Inner ring pivotable

Zurückversetzter Aufsatz | Relegated frame

DIL-13xW1-K + DIL-AU2

Wenig Blendung | Little glare
Sanftes Licht | Soft light



Aufsatz, rund, schwenkbar | Round frame pivotable

DIL-13xW1-K + DIL-AU3

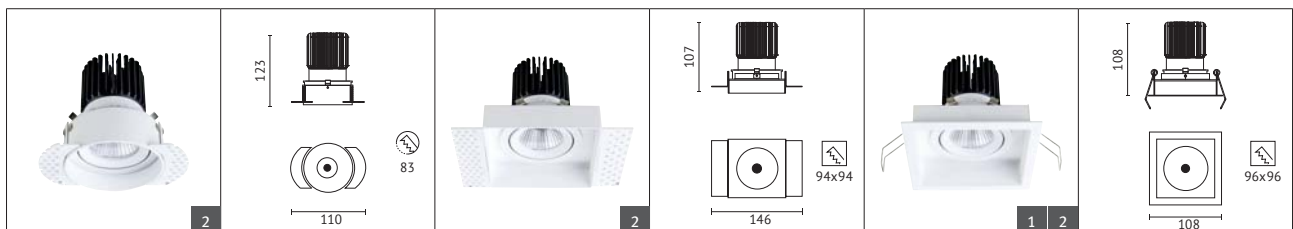
Austrahlwinkel asymmetrisch | Asymmetric beam
Ovaler Lichtaustritt | Oval light

Aufsatz, rund | Round frame

DIL-13xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU4

Aufsatz, eckig | Square frame

DIL-13xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU5



Aufsatz, rund, rahmenlos | Round frame, frameless

DIL-13xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU6

Für Einbau in Gipskarton | Recessed frame for plaster boards

Aufsatz, eckig, rahmenlos | Square frame, frameless

DIL-13xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU7

Für Einbau in Gipskarton | Recessed frame for plaster boards

Hoher Aufsatz, eckig | High square frame

DIL-13xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU8

Mit Rahmen | With frame



Hoher Aufsatz, rund | High round frame

DIL-13xW1-K + DIL-ADA01 (schwenkbar | pivotable)
+ DIL-AU9

Mit Rahmen | With frame

DIL-13 Konfigurationen sind ab DIL-AU4 bis AU9 schwenkbar
DIL-13 configurations can be pivoted from DIL-AU4 to AU9

1 Mit Schnellspannfedern | With quick-release springs

2 Adapterring DIL-ADA01 erforderlich! | Adapter ring DIL ADA01 required!

○ Weiß | White

ELKN



- LED Einbaudownlight
- Gehäuse aus Alu-Druckguss, mit Schnellspann-Federn
- Schwenkbar 30°
- Reflektor aus Kunststoff
- Schutzart: IP20
- Schutzklasse: II
- Mit externem, elektronischem Versorgungsteil
- Geringe Einbautiefe

Auf Anfrage

- Dimmbare Version

- LED recessed downlight
- Body in die-cast aluminium, with quick-release springs
- Pivotal 30°
- Reflector in plastic PC
- Protection Rating: IP20
- Protection Class: II
- Incl. remote power supply
- Low installation depth

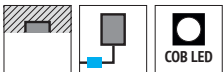
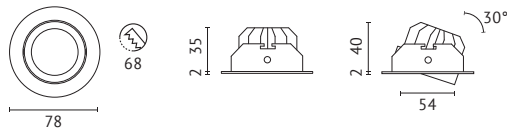
On request

- Dimmable version

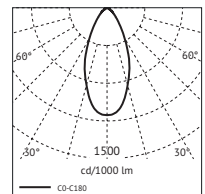


ELKN
LED-Einbaudownlight schwenkbar
LED recessed downlight pivotable
⤴ 50° / 220÷240V / CRI >80

Ø 78 mm, Ø 68 mm		8 W
4000 K	○ ELKN-8NW1	654 lm
3000 K	○ ELKN-8WW1	629 lm
2700 K	○ ELKN-8SW1	604 lm



○ Weiß | White





- LED Downlight
- Gehäuse aus Aluminium mit Schnellspannfedern, Schutzglas, starr (nur IP65 Version), schwenkbar (nur IP44 Version)
- Reflektor aus Aluminium
- CRI > 90
- Schutzart: IP44** / IP65** (**bei geschlossener Decke)
- Schutzklasse: II
- Kit mit externem, elektronischem Versorgungsteil

Auf Anfrage

- Dimmbare Version

- LED downlight
- Body in aluminum, quick-release springs, protection glass, rigid (only IP65 version), pivotable (only IP44 version)
- Reflector in aluminium
- CRI > 90
- Protection Rating: IP44** / IP65** (**when fitted in a concealed ceiling)
- Protection Class: II
- Incl. remote power supply

On request

- Dimmable version

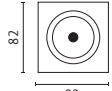


DIM TO WARM
1800-3000K
Dimmbar
Dimmable

UGR<22

ELES
LED-Downlight | LED downlight
⚡ 38° / 220÷240V / CRI>90 / UGR>22

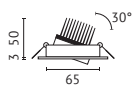
IP44



L82 x B/W82 mm, ⌀ 68 mm

Quadratisch, schwenkbar | Square, pivotable 6 W

- | | | | |
|--------|---------------|---------------|--------|
| 4000 K | ○ ELES-6NW1-K | ● ELES-6NW7-K | 583 lm |
| 3000 K | ○ ELES-6WW1-K | ● ELES-6WW7-K | 537 lm |
| 2700 K | ○ ELES-6SW1-K | ● ELES-6SW7-K | 508 lm |



ELRS
LED-Downlight | LED downlight
⚡ 38° / 220÷240V / CRI>90 / UGR>22

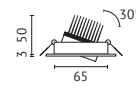
IP44



Ø 82 mm, ⌀ 68 mm

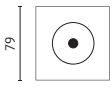
Rund, schwenkbar | Round, pivotable 6 W

- | | | | | |
|--------|---------------|---------------|---------------|--------|
| 4000 K | ○ ELRS-6NW1-K | ● ELRS-6NW2-K | ● ELRS-6NW7-K | 583 lm |
| 3000 K | ○ ELRS-6WW1-K | ● ELRS-6WW2-K | ● ELRS-6WW7-K | 537 lm |
| 2700 K | ○ ELRS-6SW1-K | ● ELRS-6SW2-K | ● ELRS-6SW7-K | 508 lm |



ELEIP
LED-Downlight | LED downlight
⚡ 38° / 220÷240V / CRI>90 / UGR>22

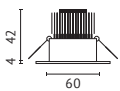
IP65



L79 x B/W79 mm, ⌀ 60 mm

Quadratisch | Square 6 W

- | | | | |
|--------|----------------|----------------|--------|
| 4000 K | ○ ELEIP-6NW1-K | ● ELEIP-6NW7-K | 583 lm |
| 3000 K | ○ ELEIP-6WW1-K | ● ELEIP-6WW7-K | 537 lm |
| 2700 K | ○ ELEIP-6SW1-K | ● ELEIP-6SW7-K | 508 lm |



ELRIP
LED-Downlight | LED downlight
⚡ 38° / 220÷240V / CRI>90 / UGR>22

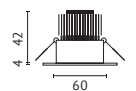
IP65



Ø 79 mm, ⌀ 60 mm

Rund, starr | Round, rigid 6 W

- | | | | | |
|--------|----------------|----------------|----------------|--------|
| 4000 K | ○ ELRIP-6NW1-K | ● ELRIP-6NW2-K | ● ELRIP-6NW7-K | 583 lm |
| 3000 K | ○ ELRIP-6WW1-K | ● ELRIP-6WW2-K | ● ELRIP-6WW7-K | 537 lm |
| 2700 K | ○ ELRIP-6SW1-K | ● ELRIP-6SW2-K | ● ELRIP-6SW7-K | 508 lm |



DIM TO WARM

Lichtstimmung ganz nach Wunsch stufenlos einstellen.
Gemütliches, extra warmweißes Licht (1800K), absolut flackerfrei.
Optimal für ein komfortableres Ambiente.
Continuous adjustment of the lighting mood as desired.
Cozy, extra warm white light (1800K), absolutely flicker-free.
Optimal for a more comfortable ambience.

ELRS DTW - Dim To Warm
LED-Downlight | LED downlight
⚡ 38° / 220÷240V / CRI>96 / UGR>22

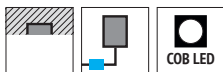
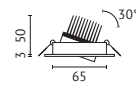
IP44



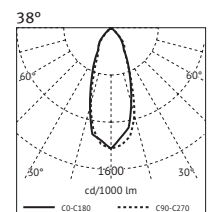
Ø 82 mm, ⌀ 68 mm

Rund, schwenkbar | Round, pivotable 7 W

- | | | | | |
|--------|--------------|--------------|--------------|--------|
| 1800 K | ○ ELRS-6DTW1 | ● ELRS-6DTW2 | ● ELRS-6DTW7 | 480 lm |
|--------|--------------|--------------|--------------|--------|



○ Weiß | White ● Schwarz | Black ● Alu | Aluminium





- Einbauleuchte
- Gehäuse aus Alu-Druckguss
- Schnellspannfedern
- Erhältlich in diversen Oberflächen
- 30° schwenkbar
- GU10 Version mit feststehender Klemme (Zugentlastung) und Erdungsanschluss
- Schutzart: IP20
- Schutzklasse: Netzspannung I; Niedervolt III
- Separater Transformator erforderlich für Niedervolt Version

- **Passende Transformatoren auf Seite 376**
- **GU10-Fassung mit Zugentlastung auf Seite 376**

- Recessed luminaire
- Body in die-cast aluminium
- Quick-release springs
- Available in different surface finishes
- 30° pivoting
- GU10 version with strain relief and electrical grounding
- Protection Rating: IP20
- Protection Class: mains: I; low-voltage: III
- Remote transformer for low voltage version has to be ordered separately

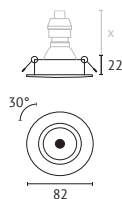
- **Suitable transformers at page 376**
- **GU10 holder with strain relief at page 376**



ENY
LED-Downlight inkl. LED Leuchtmittel QPAR 51 GU10
LED downlight incl. LED lamp QPAR 51 GU10

4 W/230V / Ø 82 mm, 68 mm / Dimmbar / 350 lm / 36° / 2700 K

○ ENY-6871F ● ENY-6873F ● ENY-6875F ● ENY-6877F



X =
Abhängig vom verwendeten
Leuchtmittel
Depending on used lamp

ENY
LED-Downlight ohne Leuchtmittel
LED downlight without lamp

50 W/12 V / Ø 82 mm, 68 mm

○ ENY-6801 ● ENY-6802 ● ENY-6803 ● ENY-6805 ● ENY-6807

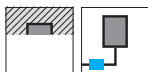
Separates Netzteil erforderlich.
Remote transformer to be ordered.

Leuchtmittel | Lamp

QPAR 51 max. 35W/230V

Alternativ LED Leuchtmittel
Optional LED lamp

LED MR16 max. 6,5W/12V



○ Weiß | White ● Schwarz | Black ● Chrom | Chrome ● Chrom gebürstet | Brushed chrome ● Alu | Aluminium

LVK ist abhängig vom verwendeten Leuchtmittel.
IDC depends on the used lamp.



- Einbauleuchte
- Gehäuse aus Aluminium, zweiteilig
- Eingeklipster kardanisch gelagerter Leuchtenkopf (herausnehmbar)
- Leuchtenkopf +/- 22° schwenkbar in zwei Achsen
- Mit Schnellspannfedern
- Beiliegende feststehende Klemme
- Schutzart: IP20
- Schutzklasse: Netzspannung I

Auf Anfrage

- Ausführung quadratisch

- Passende Transformatoren auf Seite 376
- GU10-Fassung mit Zugentlastung auf Seite 376

- Recessed luminaire
- Two-part body in aluminium
- Gimbal mounted lamp head (removeable)
- Light head +/- 22° pivoting in two axes
- With quick-release springs
- Terminal block with metal arm enclosed
- Protection Rating: IP20
- Protection Class: mains: I

On request

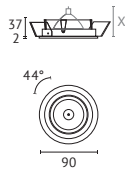
- Square version

- Suitable transformers at page 376
- GU10 holder with strain relief at page 376



ENR
 Downlight inkl. LED Leuchtmittel QPAR 51 GU10
 Downlight incl. LED lamp QPAR 51 GU10
 Dimmbar / 350 lm / Δ 36° / 2700 K

Ø 90 mm, 80 mm
 2700 K ● ENR-5165F ⊕ 4 W/230V



X =
 Abhängig vom verwendeten
 Leuchtmittel
 Depending on used lamp

Zubehör | Accessories



Z-AEN1**
 Ring flach
 Flat ring



Z-AEN2
 Ring Halbloch
 Semi-high ring



Z-AEN3
 Ring hoch
 High ring

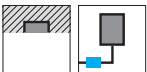


Z-AEN4
 Ring halbseitig
 Semi-side ring



Z-AEN5
 Ring hoch, gelocht
 High ring, perforated

** Z-AEN1 Bereits im Lieferumfang der Leuchte enthalten | Z-AEN1 - included in delivery of standard version



● Alu | Aluminium

LVK ist abhängig vom verwendeten Leuchtmittel.
 IDC depends on the used lamp.



- Niedervolt-Einbauleuchte
- Gehäuse aus Alu-Druckguss
- Schnellspannfedern
- Erhältlich in diversen Oberflächen
- Starr, ohne feststehende Klemme (Zugentlastung)
- Schutzart: IP20
- Schutzklasse: III

- Passende Transformatoren auf Seite 376
- GU10-Fassung mit Zugentlastung auf Seite 376

- Low-voltage recessed light fixture
- Body in die-cast aluminium
- Quick-release springs
- Available in different surface finishes
- Rigid, no terminal block (strain relief)
- Protection Rating: IP20
- Protection Class: III

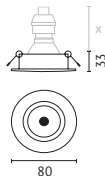
- Suitable transformers at page 376
- GU10 holder with strain relief at page 376



ENZ
Downlight ohne Leuchtmittel
Downlight without lamp

50 W/12 V / Ø 80 mm, 68 mm

- **ENZ-5001** ● **ENZ-5003** ● **ENZ-5005** ● **ENZ-5007**



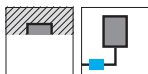
Separates Netzteil erforderlich.
Remote transformer to be ordered.

Leuchtmittel | Lamp

QR CBC 51 max. 50W/12V GU5,3

Alternativ LED Leuchtmittel
Optional LED lamp

LED MR16 max. 6,5W/12V



- Weiß | White ● Chrom | Chrome ● Chrom gebürstet | Brushed chrome ● Alu | Aluminium

LVK ist abhängig vom verwendeten Leuchtmittel.
IDC depends on the used lamp.



- Niedervolt-Einbauleuchte
- Gehäuse aus Alu-Druckguss
- Blattfeder-Befestigung
- 30° schwenkbar
- Schutzart: IP20
- Schutzklasse: III

- Passende Transformatoren auf Seite 376
- GU10-Fassung mit Zugentlastung auf Seite 376

- Low-voltage recessed luminaire fixture
- Body in die-cast aluminium
- Flat springs
- 30° pivoting
- Protection Rating: IP20
- Protection Class: III

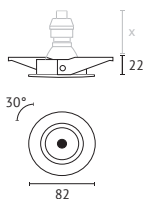
- Suitable transformers at page 376
- GU10 holder with strain relief at page 376



ENMB
Downlight ohne Leuchtmittel
Downlight without lamp

50 W/12 V / Ø 82 mm, 68 mm

○ **ENMB-6801** ◆ ● **ENMB-6805** ◆



X =
Abhängig vom verwendeten
Leuchtmittel
Depending on used lamp

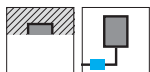
Separates Netzteil erforderlich.
Remote transformer to be ordered.

Leuchtmittel | Lamp

QPAR 51 max. 35W/230V

Alternativ LED Leuchtmittel
Optional LED lamp

LED MR16 max. 6,5W/12V



○ Weiß | White ● Alu | Aluminium

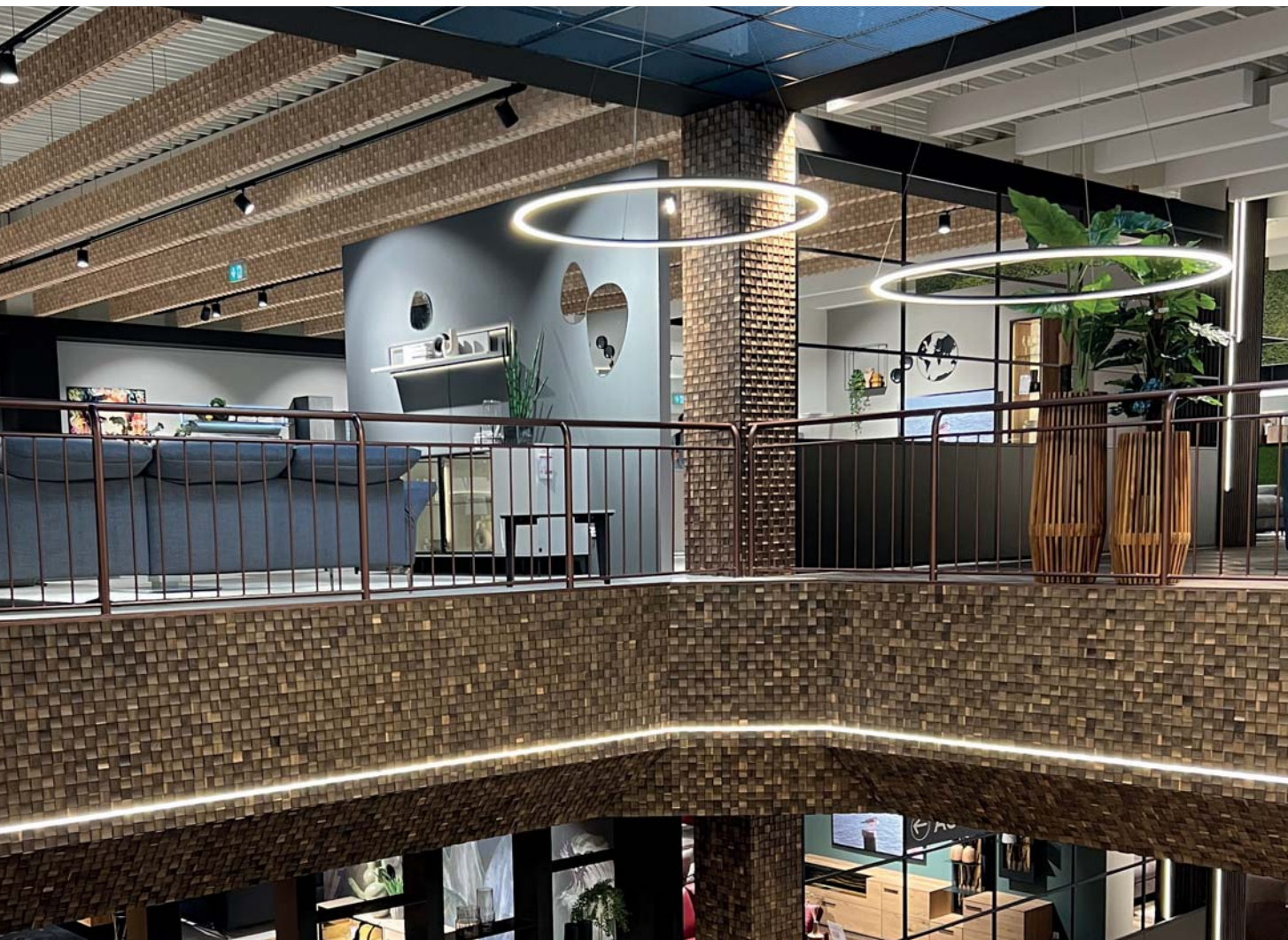
LVK ist abhängig vom verwendeten Leuchtmittel.
IDC depends on the used lamp.





Pendelleuchten

SDR/SUDR



- Runde LED Pendelleuchte
- In drei 3 Varianten erhältlich
- Leuchtenkörper aus Aluminium
- Abdeckung aus PMMA
- Seilabhängung
- Dimmbar (TRIAC)
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil im Baldachin

Auf Anfrage

- 4000 K
- Weitere Größen
- Farbe matt-silber

Bitte beachten

- SUDR Ausführungen 4000 K und 2700 K sind keine Lagerware, bitte beachten sie längere Lieferzeiten sowie anfallende höhere Frachtkosten.

- Circular LED pendant luminaire
- Three versions available
- Aluminium body
- PMMA cover
- Wire suspension
- Dimmable (TRIAC)
- Protection Rating: IP20
- Protection Class: I
- Built-in electronic power supply inside ceiling rosette

On request

- 4000 K
- Other sizes
- Color silver matt

Please note

- SUDR versions in 4000K and 2700K are no stock items, please note longer delivery times and higher freight costs.



CRI > 90



SUDR LED Pendelleuchte | LED Pendant luminaire

∠ 110° / 230V~ / CRI >90 / Lichtaustritt direkt/indirekt | Light emission direct/indirect
TRIAC Dimmung | Dimmable

Ø600 x H40 mm

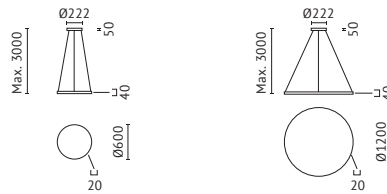
3000 K ○ **SUDR-50WW1D-N** ● **SUDR-50WW2D-N** ● **SUDR-50WW4D-N** 57 W 3484 lm
2700 K* ○ **SUDR-50SW1D-N** ● **SUDR-50SW2D-N** ● **SUDR-50SW4D-N** 57 W 3344 lm

Ø1200 x H40 mm

3000 K ○ **SUDR-92WW1D-N** ● **SUDR-92WW2D-N** ● **SUDR-92WW4D-N** 92 W 6092 lm
2700 K* ○ **SUDR-92SW1D-N** ● **SUDR-92SW2D-N** ● **SUDR-92SW4D-N** 92 W 5848 lm

Ausführung DALI | Version DALI

Code + **DD** (**SUDR-50SW1DD-N**)



*SUDR Ausführungen 4000 K und 2700K sind keine Lagerware, bitte beachten sie längere Lieferzeiten sowie anfallende höhere Frachtkosten.
SUDR versions in 4000 K and 2700K are no stock items, please note longer delivery times and higher freight costs.

SDR LED Pendelleuchte | LED Pendant luminaire

∠ 110° / 230V~ / CRI >90 / Lichtaustritt direkt | Light emission direct
TRIAC Dimmung | Dimmable

Ø1000 x H25 mm

3000 K ● **SDR-50WW2D-N** Schwarz matt | Black matt 50 W 1607 lm

Ø1200 x H25 mm

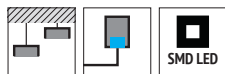
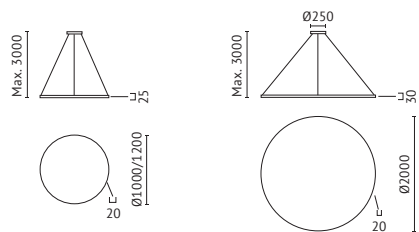
3000 K ● **SDR-72WW2D-N** Schwarz matt | Black matt 60 W 1929 lm

Ø2000 x H30 mm

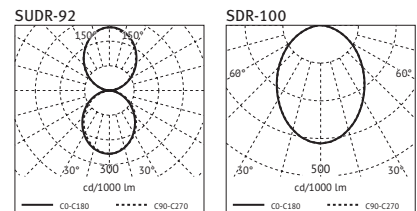
3000 K ● **SDR-100WW2D-N** Schwarz matt | Black matt 95 W 3054 lm

Ausführung DALI | Version DALI

Code + **DD** (**SDR-50WW2DD-N**)



○ Weiß | White ● Schwarz | Black ● Messing gebürstet | Brass brushed



SUDR3



- Runde LED Pendelleuchte
- In zwei Größenanordnungen erhältlich
- Leuchtenkörper aus Aluminium
- Abdeckung aus PMMA
- Seilabhängung
- Dimmbar (TRIAC)
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil im Baldachin

Auf Anfrage

- 4000 K
- Weitere Größen
- Farbe matt-silber

Bitte beachten

- Ausführungen 4000 K und 2700 K sind keine Lagerware, bitte beachten sie längere Lieferzeiten sowie anfallende höhere Frachtkosten.

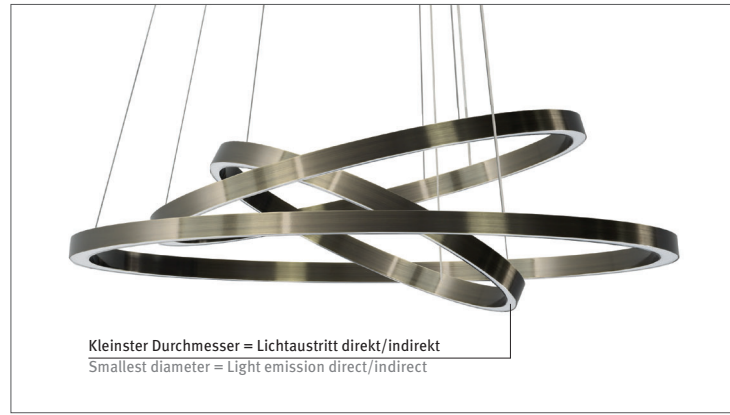
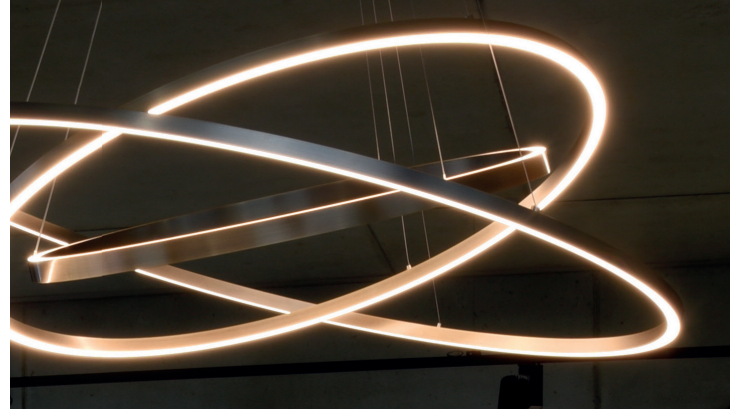
- Circular LED pendant luminaire
- Available in two size arrangements
- Aluminium body
- PMMA cover
- Wire suspension
- Dimmable (TRIAC)
- Protection Rating: IP20
- Protection Class: I
- Built-in electronic power supply inside ceiling rosette

On request

- 4000 K
- Other sizes
- Color matt-silver

Please note

- Versions in 4000K and 2700K are no stock items, please note longer delivery times and higher freight costs.



SUDR3 LED Pendelleuchte | LED Pendant luminaire
230V~ / CRI >90 / TRIAC Dimmung | Dimmable



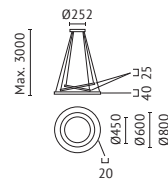
Ø 450/600/800 mm Ø 450 mm > Lichtaustritt direkt/indirekt | Light emission direct/indirect

3000 K	○ SUDR3-92WW1D-N	● SUDR3-92WW2D-N	● SUDR3-92WW4D-N	92 W
2700 K*	○ SUDR3-92SW1D-N	● SUDR3-92SW2D-N	● SUDR3-92SW4D-N	92 W

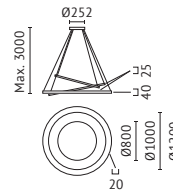
Ø 800/1000/1200 mm Ø 800 mm > Lichtaustritt direkt/indirekt | Light emission direct/indirect

3000 K	○ SUDR3-140WW1D-N	● SUDR3-140WW2D-N	● SUDR3-140WW4D-N	140 W
2700 K*	○ SUDR3-140SW1D-N	● SUDR3-140SW2D-N	● SUDR3-140SW4D-N	140 W

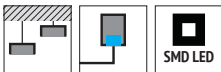
Ausführung DALI | Version DALI
Code + **-DD** (SUDR3-92WW1D-N-DD)



SUDR3-92
Kleinster Ring direkt/indirekter Lichtaustritt
Smallest ring direct/indirect light emission



SUDR3-140
Kleinster Ring direkt/indirekter Lichtaustritt
Smallest ring direct/indirect light emission



○ Weiß | White ● Schwarz | Black ● Messing gebürstet | Brass brushed

*Ausführungen 4000 K und 2700K sind keine Lagerware, bitte beachten sie längere Lieferzeiten sowie anfallende höhere Frachtkosten.

Versions in 4000 K and 2700K are no stock items, please note longer delivery times and higher freight costs.



- Runde LED Deckenanbau-, und Pendelleuchte
- Einbau mit Einbaurahmen (Zubehör) möglich
- Lichtfarbe umschaltbar (3000 K + 4000 K)
- Leuchtenkörper aus Aluminium, lackiert
- Opalabdeckung aus PMMA
- Inkl. Zuleitung
- Schutzart: IP44
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- TRIAC DIM

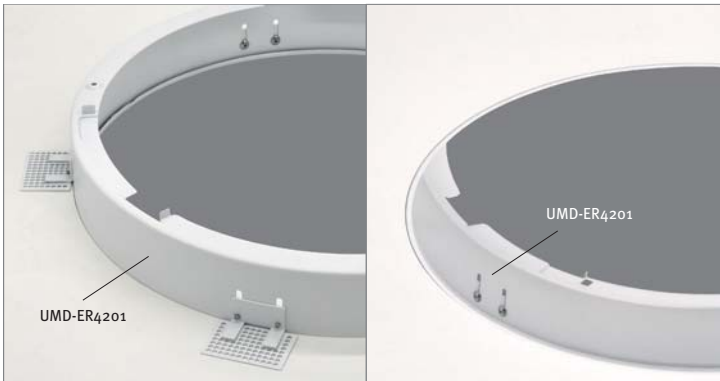
Auf Anfrage

- DALI

- Circular LED pendant and ceiling luminaire
- Installation possible with installation frame (accessories)
- Light temperature switchable (3000 K + 4000 K)
- Aluminium body, coated
- Opal PMMA cover
- Incl. power supply cable
- Protection Rating: IP44
- Protection Class: I
- Built-in electronic power supply
- TRIAC DIM

On request

- DALI



Einbaurahmen | Installation frame

4000 K + 3000 K

Mit Farbtemperaturschalter | With colour switch



UMD

LED Wand- und Deckenleuchte
LED Wall and ceiling luminaire

UMD

LED Pendelleuchte inkl. Seilabhangung (L = 1500 mm)
LED Pendant luminaire incl. wire suspension (L = 1500 mm)

∧ 120° / 220-240AC / CRI >80

30 W

∅ 422 x H58 mm

3000 K 4000 K

○ UMD-30WWNW1TD

UMD-30WWNW31TD

3088 lm 3210 lm

● UMD-30WWNW1-4TD

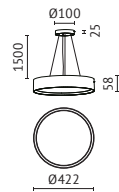
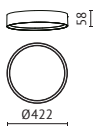
UMD-30WWNW31-4TD

2972 lm 3085 lm

● UMD-30WWNW2-4TD

UMD-30WWNW32-4TD

2640 lm 2812 lm



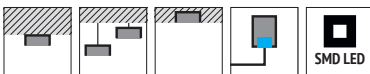
Zubehor | Accessories



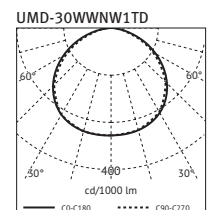
Einbaurahmen inkl. Zubehor
Installation frame with accessories

○ UMD-ER4201

∅434, H65 mm



○ Wei | White ● Wei/Gold | White/Gold ● Schwarz/Gold | Black/Gold

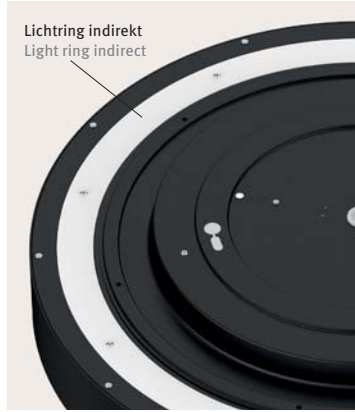


UAL



- Runde LED Deckenanbau-, und Pendelleuchte
- Lichtfarbe umschaltbar (3000 K + 4000 K)
- In vier Größen
- Leuchtenkörper aus Aluminium, lackiert
- Opalabdeckung aus PMMA
- Lichtaustritt: direkt/indirekt
- Inkl. Zuleitung
- Quick Lock Seilabhänger bei Pendelversion
- Schutzart: IP40
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

- Circular LED pendant and ceiling luminaire
- Light temperature switchable (3000 K + 4000 K)
- Four sizes
- Aluminium body, coated
- Opal PMMA cover
- Light emission: direct/indirect
- Incl. power supply cable
- Pendant version with Quick Lock Suspension
- Protection Rating: IP40
- Protection Class: I
- Built-in electronic power supply



Optional: Nur direkter Lichtaustritt | Direct light emission only

4000 K + 3000 K
Mit Farbtemperaturschalter | With colour switch



UAL
LED Deckenleuchte
LED ceiling luminaire

∠ 120° / 230V~ / CRI >80

Ø 400 x H86 mm

○ UAL-35WWNW1 ● UAL-35WWNW2

Ø 600 x H86 mm

○ UAL-49WWNW1 ● UAL-49WWNW2

Ø 800 x H86 mm

○ UAL-60WWNW1 ● UAL-60WWNW2

Ø 1000 x H86 mm

○ UAL-100WWNW1 ● UAL-100WWNW2

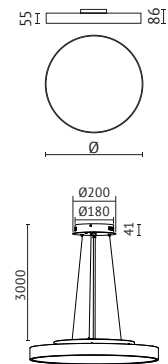
UAL
LED Pendelleuchte inkl. Seilabhangung
LED pendant luminaire incl. wire suspension

	3000 K	4000 K
○ UAL-35WWNW31 ● UAL-35WWNW32	37 W 3697 lm	3965 lm

○ UAL-49WWNW31 ● UAL-49WWNW32	48 W 5220 lm	5680 lm
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○ UAL-60WWNW31 ● UAL-60WWNW32	55 W 6306 lm	6589 lm
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○ UAL-100WWNW31 ● UAL-100WWNW32	95 W 8903 lm	10002 lm
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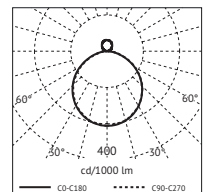


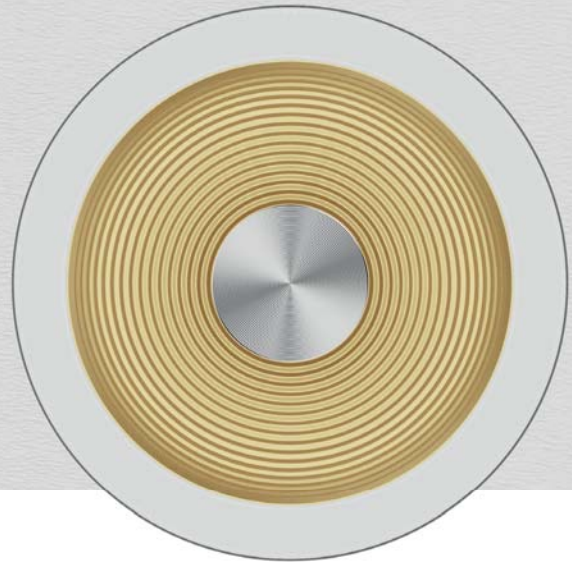
Ausfuhrung DALI | Version DALI

Code + **DD** (UAL-35WWNW1-**DD**)



○ Weiß | White ● Schwarz | Black





reddot winner
product design 2023

- LED Wand- und Deckenanbauleuchten für den Innen- und Außenbereich
- Lichtfarbe umschaltbar 2700K, 3200K und 4000K
- Inkl. dimmbarem integriertem Netzteil
- TRIAC dimmbar
- Schutzart: IP54
- Schutzklasse: II (Wand/Decke)
- Schutzklasse: I (Pendel)
- IK06

- LED wall and ceiling mounted luminaires for indoor and outdoor use
- CCT switchable 2700K, 3200K and 4000K
- Incl. dimmable integrated LED driver
- TRIAC dimmable
- Protection class: IP54
- Protection class: II (wall/ceiling)
- Protection class: I (pendant)
- IK06

Auf Anfrage

- DALI

On request

- DALI



Schwarz/Gold | Black/Gold



Weiß/Silber | White/Silver



2700 K / 3200 K / 4000 K
Mit Farbtemperaturschalter | With colour switch



UCL
LED Wand- und Deckenanbauleuchte
LED wall and ceiling mounted luminaire

∠ 120° / 220÷240V / IP54 / IK06 / CRI >80

Ø 320 x H64 mm

○ ● **UCL-18SWNW1TD**

● ● **UCL-18SWNW2-4TD**

Ø 400 x H64 mm

○ ● **UCL-25SWNW1TD**

● ● **UCL-25SWNW2-4TD**

LED Pendelleuchte inkl. Seilabhängung (L=1500 mm)

LED Pendant luminaire incl. wire suspension (L = 1500 mm)

Ø 320 x H64 mm

○ ● **UCL-18SWNW31TD**

● ● **UCL-18SWNW32-4TD**

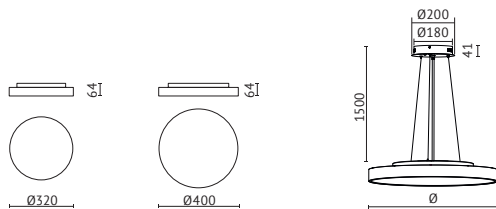
Ø 400 x H64 mm

○ ● **UCL-25SWNW31TD**

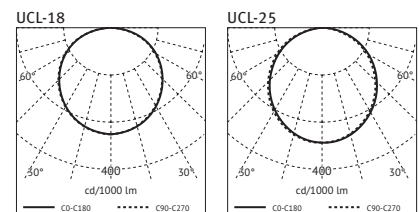
● ● **UCL-25SWNW32-4TD**

	2700 K	3200 K	4000 K
○ ● UCL-18SWNW31TD	17 W	983 lm	1154 lm
● ● UCL-18SWNW32-4TD	17 W	567 lm	713 lm

	2700 K	3200 K	4000 K
○ ● UCL-25SWNW31TD	25 W	1467 lm	1677 lm
● ● UCL-25SWNW32-4TD	25 W	777 lm	1176 lm



○ ● Weiß/Silber | White/Silver ● ● Schwarz/Gold | Black/Gold



LIGHTR



- Runde LED Pendelleuchte
- In zwei Größen erhältlich
- Leuchtenkörper aus stranggepresstem Aluminium, lackiert
- Opalabdeckung aus PMMA
- Lichtaustritt: direkt
- Dimmbar
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Deckenanbauversion

- Circular LED pendant luminaire
- Two sizes available
- Extruded aluminium body, coated
- Opal PMMA cover
- Light emission: direct
- Dimmable
- Protection Rating: IP20
- Protection Class: I
- Built-in electronic power supply

On request

- Ceiling-mounted version



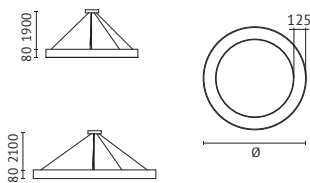
LIGHTR LED Pendelleuchte | LED Pendant luminaire
230V~ / CRI >80

Ø 900 x H80 mm

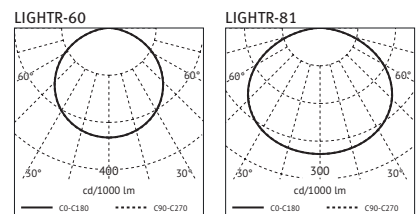
3000 K ○ LIGHTR-60WW1D ● LIGHTR-60WW2D 57 W 3648 lm

Ø 1200 x H80 mm

3000 K ○ LIGHTR-81WW1D ● LIGHTR-81WW2D 80 W 5904 lm



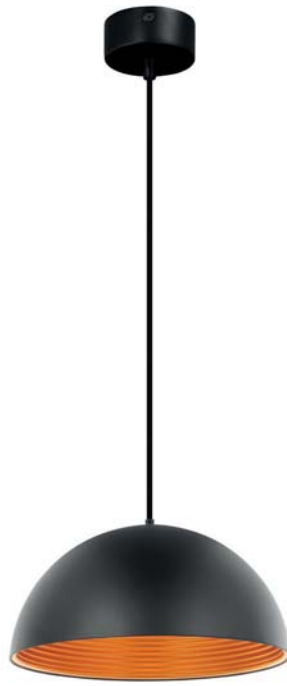
○ Weiß | White ● Schwarz | Black





- LED Pendelleuchte
- Leuchtenkörper aus Aluminium
- UGR<19
- Schutzart: IP20
- Schutzklasse: I
- Elektronisches Versorgungsteil
- TRIAC DIM

- LED pendant luminaire
- Aluminium housing
- UGR<19
- Protection Rating: IP20
- Protection Class: I
- Electronic power supply
- TRIAC DIM



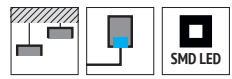
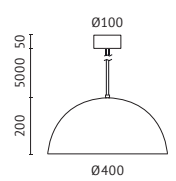
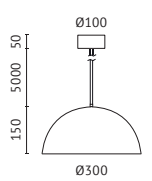
UGR<19

VHL
LED Pendelleuchte mit Baldachin
LED pendant luminaire with canopy

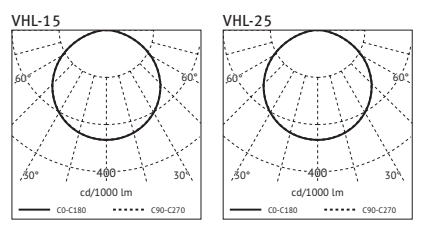
⚡ 100° / AC220-240V / UGR<19 / CRI >80 / TRIAC DIM

Ø300 mm, H150 mm	14 W	Ø400 mm, H200 mm	25 W
4000 K ● VHL-15NW300D	984 lm	4000 K ● VHL-25NW400D	1650 lm

Kabellänge (kürzbar): L5000 mm | Cable length (can be shortened): L5000 mm



● Schwarz/Gold | Black/Rose gold





- LED Pendelleuchte
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- TRIAC dimmbar
- UGR<16
- Seilabhängung L5000 mm mit Baldachin

- LED pendant luminaire
- Protection Rating: IP20
- Protection Class: I
- Built-in electronic power supply
- Dimmable TRIAC
- UGR<16
- Suspension L5000 mm with canopy



UGR<16

VAP

LED Pendelleuchte mit Baldachin
LED pendant luminaire with canopy

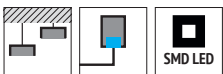
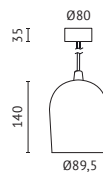
∠ 36° / AC220-240V / UGR <16 / CRI >90

Ø89,5*H140 mm

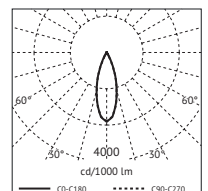
16 W

2700 K ○ VAP-14SW1D ● VAP-14SW2D ● VAP-14SW3D 1221 lm

Kabellänge (kürzbar): L5000 mm | Cable length (shortable): L5000 mm



○ Weiß | White ● Schwarz | Black ● Chrom | Chrome





- LED Pendelleuchte
- Leuchtenkörper aus Aluminium
- UGR≤ 16
- Schutzart: IP20
- Schutzklasse: II
- Elektronisches Versorgungsteil
- TRIAC dimmbar
- Seilabhängung L5000 mm mit Baldachin

- LED pendant luminaire
- Aluminium housing
- UGR≤ 16
- Protection Rating: IP20
- Protection Class: II
- Electronic power supply
- TRIAC dimmable
- Suspension L5000 mm with canopy

VAM1



VAM2

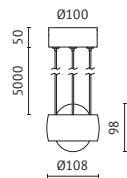
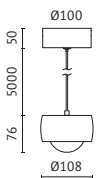


VAM

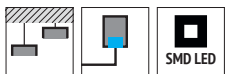
LED Pendelleuchte mit Baldachin
LED pendant luminaire with canopy

∠ 60° / AC220-240V / UGR<16 / CRI>90 / TRIAC DIM

2700 K Ø108*H76 mm	9 W	2700 K Ø108*H98 mm	13 W
○ VAM1-6SW1D	588 lm	○ VAM2-12SW1D	994 lm
● VAM1-6SW2D	588 lm	● VAM2-12SW2D	994 lm
◎ VAM1-6SW3D	588 lm	◎ VAM2-12SW3D	994 lm

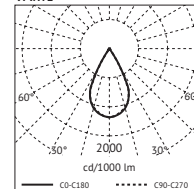


Kabellänge (kürzbar): L5000 mm | Cable length (shortable): L5000 mm

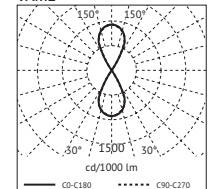


○ Weiß | White ● Schwarz | Black ● Chrom | Chrome

VAM1



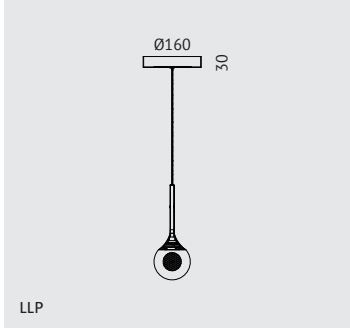
VAM2



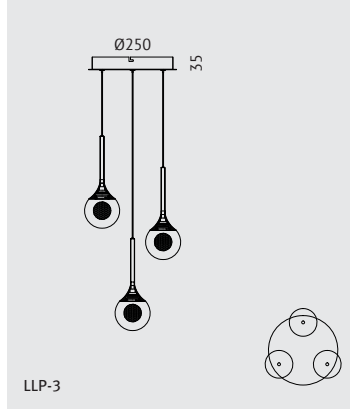


- LED Pendelleuchte mit Baldachin
- Lieferung erfolgt als Bausatz (Baldachin sowie Leuchten werden separat geliefert)
- Glaskörper Ø100 mm mit innenliegender Kugelillusion im inneren des Glaskörpers
- Kappe und Baldachin weiß, schwarz oder verchromt
- Mit rundem sowie linearem Deckenbaldachin lieferbar
- Triac Dimmung
- Kabellänge: 6000 mm
- Leuchtenkopf komplett: H265 mm
- Gewicht: 1,5 kg (eine Leuchte)

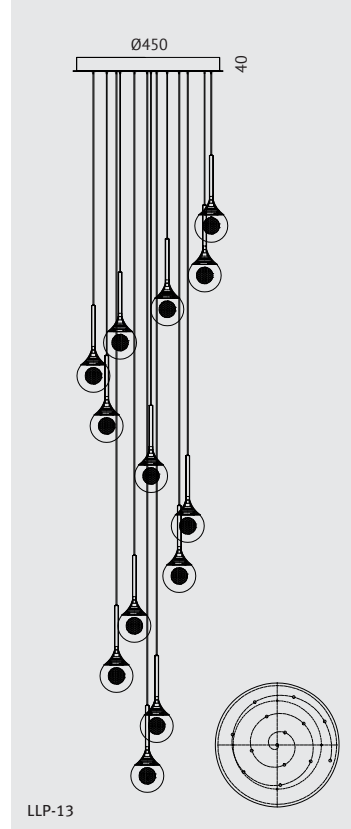
- LED pendant luminaire with canopy
- Supplied as a kit (canopy and light heads will be delivered separately)
- Glass body Ø100 mm with internal spherical illusion inside the glass body
- Cap and canopy white, black or chrome
- Available with circular and linear canopies
- Triac dimming
- Cable length: 6000 mm
- Light head complete: H265 mm
- Weight: 1,5 kg (one luminaire)



LLP



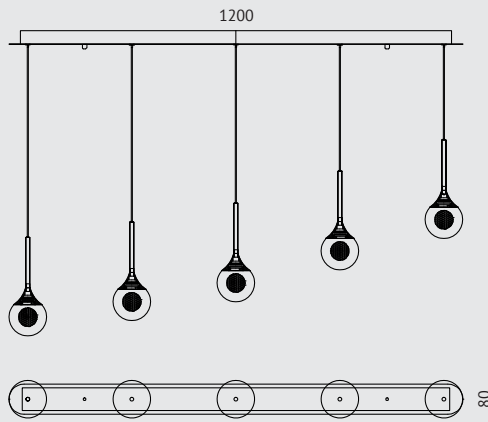
LLP-3



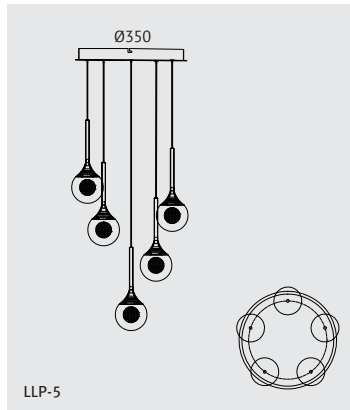
LLP-13

Abhängung
Länge 6m,
kürzbar

Suspension
length 6m,
shortenable



LLP-5L



LLP-5

LLP
LED Pendelleuchte mit Baldachin | LED pendant luminaire with canopy
3000 K / Ø100*H265 mm / AC220-240V / TRIAC

TRIAC
Dimmbar | Dimmable

Kabellänge: 800 mm
Cable length: 800 mm

Kabellänge: 6000 mm kürzbar
Cable length: 6000 mm shortenable



1x LLP 7 W
○ LLP-5WW3



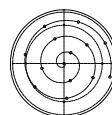
1x LLP 7 W
○ LLP-5WW1-6
● LLP-5WW2-6
○ LLP-5WW3-6



3x LLP 3x 7 W
○ LLP-3R-WW1
● LLP-3R-WW2
○ LLP-3R-WW3



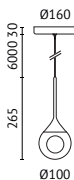
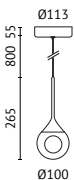
5x LLP 5x 7 W
○ LLP-5R-WW1
● LLP-5R-WW2
○ LLP-5R-WW3



13x LLP 13x 7 W
○ LLP-13RWW1
● LLP-13RWW2
○ LLP-13RWW3



Linear 5x LLP 5x 7 W
○ LLP-5L-WW1
● LLP-5L-WW2
○ LLP-5L-WW3



○ Weiß | White ● Schwarz | Black ● Chrom | Chrome

APLN



- LED Deckenanbauleuchte / Pendelleuchte
- Gehäuse aus lackiertem Alu-Druckguss, klares Schutzglas
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Mit Stromschienenadapter
- Dimmbar mit externem Versorgungsteil

- LED ceiling mounted / pendant luminaire
- Body in die-cast aluminium coated, clear tempered glass
- Protection Rating: IP20
- Protection Class: I
- Built-in electronic power supply

On request

- With power-track adapter
- Dimmable with external power supply



APLN
LED Deckenanbauleuchte | LED Ceiling mounted luminaire

△ 24° / 100±240V / CRI >80

Ø 72 x H 110 mm

4000 K	○ APLN-10NW1	● APLN-10NW2	11 W	1091 lm
3000 K	○ APLN-10WW1	● APLN-10WW2	11 W	1027 lm



Ø 80 x H 120 mm

4000 K	○ APLN-14NW1	● APLN-14NW2	14 W	1383 lm
3000 K	○ APLN-14WW1	● APLN-14WW2	14 W	1345 lm



Ø 100 x H 135 mm

4000 K	○ APLN-24NW1	● APLN-24NW2	24 W	2618 lm
3000 K	○ APLN-24WW1	● APLN-24WW2	24 W	2495 lm



DALI

4000 K	○ APLN-24NW1DD	● APLN-24NW2DD	20 W	2618 lm
3000 K	○ APLN-24WW1DD	● APLN-24WW2DD	20 W	2495 lm

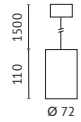


APLN
LED Pendelleuchte | LED Pendant luminaire

△ 24° / 100±240V / CRI >80

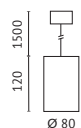
Ø 72 x H 110 mm

4000 K	○ APLN-10NW31	● APLN-10NW32	11 W	1091 lm
3000 K	○ APLN-10WW31	● APLN-10WW32	11 W	1027 lm



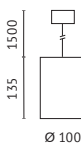
Ø 80 x H 120 mm

4000 K	○ APLN-14NW31	● APLN-14NW32	14 W	1383 lm
3000 K	○ APLN-14WW31	● APLN-14WW32	14 W	1345 lm



Ø 100 x H 135 mm

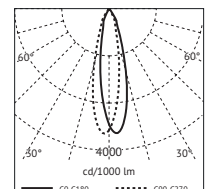
4000 K	○ APLN-24NW31	● APLN-24NW32	24 W	2618 lm
3000 K	○ APLN-24WW31	● APLN-24WW32	24 W	2495 lm



Kabellänge: 1500 mm | Cable length: 1500 mm



○ Weiß | White ● Schwarz | Black ● Chrom | Chrome





- Pendelleuchte für Anbau- oder zur 3-Phasen-Stromschienen-Montage
- Kopf mit Dekorrippen aus eloxiertem Aluminium
- Hochwertiges Glas opal, weiß
- Transparentes Kabel (1500 mm), Länge anpassbar mittels Schraubklemme und Schlaufe
- Baldachin (Silber) oder Eutrac®-3-Phasen-Adapter (Standardfarbe Schwarz)
- Schutzart: IP20
- Schutzklasse: I

Auf Anfrage:

- Farbe Weiß oder Silber für Eutrac®-3-Phasen-Adapter

- Pendant luminaire for surface mounting or 3-phase-power-tracks
- Body in aluminium anodized
- Decorative glass opal, white
- Transparent cable (1500 mm), length adjustable by spring clip and loop
- Ceiling rosette (silver) or Eutrac®-3-phase adapter (standard colour black)
- Protection Rating: IP20
- Protection Class: I

On request:

- Colour white or silver for Eutrac®-3-phase adapter



IHN
 Pendelleuchte | Pendant luminaire
 30W (max)/230V~/AGL E27



Baldachin*
 Ceiling rosette*



IHN-12007W



IHN-13007W



IHN-14007W

IHN-11007W**

IHN-10007W**

3-Phasen-Adapter*
 3-phase adapter*



IHN-12017W

IHN-13017W

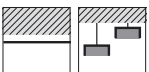
IHN-14017W

IHN-11017W**

IHN-10017W**

*Die Standardfarbe des Baldachin ist Silber, 3-Phasen-Adapter ist Schwarz (Weiß oder Silber auf Anfrage)
 The standard colour of ceiling rosette is silver, 3-phase adapter is black (white or silver on request)

** Weitere Glasfarben auf Anfrage (IHN-11x und IHN-10x)
 More glass colors on request (IHN-11x and IHN-10x)



LVK ist abhängig vom verwendeten Leuchtmittel.
 IDC depends on the used lamp.

LPL



- LED Pendelleuchte für Anbau- oder zur 3-Phasen-Stromschienen-Montage
- Gehäuse aus Aluminium, Reflektor aus Metall
- Inkl. Kabel (1500 mm), Länge anpassbar
- Baldachin oder Eutrac®-3-Phasen-Adapter
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

- LED Pendant luminaire for surface mounting or 3-phase-power-tracks
- Body in aluminum, reflector plated aluminium
- Incl. cable (1500 mm), length adjustable
- Ceiling rosette or Eutrac®-3-phase adapter
- Protection Rating: IP20
- Protection Class: I
- Built-in electronic power supply

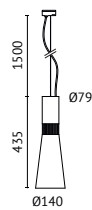
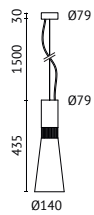


LPL
LED Pendelleuchte | LED pendant luminaire

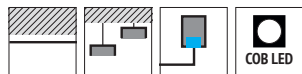
∧ 30° / 240V / CRI >80

Mit Baldachin | With ceiling rosette
3000 K ○ LPL-35WW01 35W 2672 lm

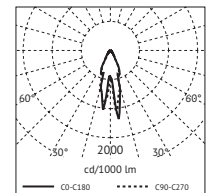
Mit 3-Phasen-Adapter | With 3-phase adapter
3000 K ○ LPL-35WW11 35W 2672 lm



Ausführung DALI | Version DALI
Code + **-DD (LPL-35WW01-DD)**



○ Weiß/silber | White/silver



COL

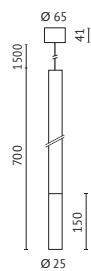


- LED Pendelleuchte
- Leuchtenkörper aus Aluminium
- Schutzart: IP20
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil

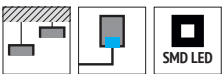
- LED pendant luminaire
- Aluminium housing
- Protection Rating: IP20
- Protection Class: II
- Built-in electronic power supply



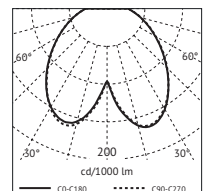
COL
 LED Pendelleuchte mit Baldachin
 LED pendant luminaire with canopy
 ⚡ 120° / AC220-240V / CRI >90
 Ø 25 mm, L700 mm 7 W
 ● COL-7WW04L 374 lm



Kabellänge: 1500 mm | Cable length: 1500 mm



● Messing | Brass



MPL



- Minimalistische LED Pendelleuchte
- L2008 x B7 x H16 mm
- Lichtaustritt: direkt
- Leuchtenkörper aus Aluminium
- Opalabdeckung
- Inkl. Tridonic Netzteil
- Inkl. Abhängung L2000 mm
- Farbe Schwarz matt
- Schutzart: IP20
- Schutzklasse: II

- Minimalist LED pendant luminaire
- L2008 x W7 x H16 mm
- Light distribution: direct
- Aluminium body
- Opal PMMA cover
- Built-in electronic power supply
- Incl. suspension L2000 mm
- Color black matt
- Protection Rating: IP20
- Protection Class: II



- Dekorative Pendelleuchte, geeignet für öffentliche Bereiche, Geschäfte, Büros, Schaufenster, Einkaufszentren und Ausstellungsräume
- Gehäuse: Aluminium-Druckguß
- Lackierung: wärmehärtendes Polyesterpulver, vorherige Entfettung und Phosphochromatierung, die eine extrem hohe Beständigkeit gegen chemische und atmosphärische Einflüsse gewährleistet.
- Reflektor: 320 mm Durchmesser, Aluminium oder Polycarbonat. Breitstrahl 120°
- LED-Module: CRI>80, CCT 3000/4000K, 3 Stufen MacAdam
- Erwartete Lebensdauer: 50.000h L80 B10 @ta25, 50.000h L80 B20 @ta40.
- Stromversorgung: Treiber 220/240V 50/60Hz, SP-System (Überladungs- und Kurzschlusschutz), SPD 2/4Kv, ripplefree
- Aufhängung: Baldachin und Zuleitung L2500 mm

Auf Anfrage:

- Farbe weiß
- CRI<90
- Andere Wattagen
- Tunable White
- Schutzglas
- Version für Stromschiene

- Decorative suspension luminaire, suitable for civil areas, shops, offices, shop windows, shopping centers and showrooms
- Housing: die-cast aluminium
- Paintwork: thermosetting polyester powder, prior degreasing and phosphochromatizing process that will ensure an extremely high resistance to chemical and atmospheric agents.
- Reflector: 320mm diameter, aluminium or polycarbonate. Wide beam 120°
- LED modules: CRI>80, CCT 3000/4000K, 3-step MacAdam
- Expected lifetime: 50.000h L80 B10 @ta25, 50.000h L80 B20 @ta40.
- Power supply: driver 220/240V 50/60Hz, SP system (overcharge and short circuit protection), SPD 2/4Kv, ripple free
- Suspension kit: canopy and power supply cable L=2500 mm

On request:

- Color white
- CRI<90
- Other wattage
- Tunable White
- Protection glass
- Track version



EGO

LED Pendelleuchte inkl. Seilabhängung und Baldachin
 LED Pendant luminaire incl. wire suspension and ceiling rosette
 ⚡ 120° / Ø334 mm / 220-240V / CRI >80



Metallreflektor, Leuchtenkopf und Baldachin schwarz RAL 9005
 Reflector metal, luminaire head and canopy RAL 9005

	25 W		32 W	
4000 K	EGO-23NW2M	2230 lm	EGO-30NW2M	2950 lm
3000 K	EGO-23WW2M	2120 lm	EGO-30WW2M	2800 lm

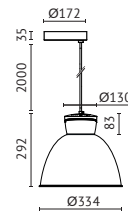


Polycarbonatreflektor, Leuchtenkopf und Baldachin anthrazit RAL 7039
 Reflector Polycarbonate, luminaire head and canopy anthracite RAL 7039

	25 W		32 W	
4000 K	EGO-23NW6	3440 lm	EGO-30NW6	4565 lm
3000 K	EGO-23WW6	3280 lm	EGO-30WW6	4340 lm



Zuleitung L2000 mm, schwarz
 Power supply cable L2000 mm, black



Ausführung DALI | Version DALI

Code + **-DD (EGO-23NW2M-DD)**

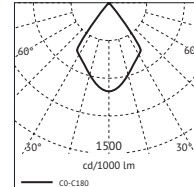


Installationsoptionen
 Installation options

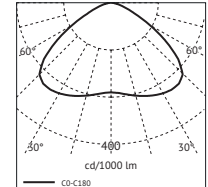


● Schwarz | Black ● Anthrazit | Anthracite

EGO-30NW2M



EGO-30NW6



BULB



- Modernste Filamenttechnologie
- Durchmesser bis 200 mm
- Längen bis 310 mm
- Dimmbar
- Hochwertige Glaskolben
- Glasfarben Gold und Smoke
- Bis zu 90 % Energieeinsparung
- kein sichtbares Flackern
- sofortige volle Helligkeit
- Schutzart: IP20
- Schutzklasse: I

Auf Anfrage:

- Mit 3 Phasenadapter

- State-of-the-art filament technology
- Diameter up to 200 mm
- Lengths up to 310 mm
- Dimmable
- High quality glass bulbs
- Glass colors gold and smoke
- Up to 90 % energy saving
- no visible flickering
- Instant full brightness
- Protection Rating: IP20
- Protection Class: I

On request:

- With 3 phase adapter



Standardgröße
Standard size



PZ
Weitere Abmessungen auf Anfrage.
Other dimensions on request.



PZ-2525352



Smoke

Rauchgrau getöntes Glas
Smoke grey tinted glass



Gold

Klares Glas mit gold-farbener Tönung
Clear glass with gold tint

BULB

△ 360° / 6W / 230 Volt / 2.100 K / E27 / dimmbar / Ra90
Watt-Ersatz = 40W / Lebensdauer 6.000 h



Smoke

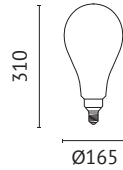
BULB-A165-6W2

Ø165 mm, L310 mm



Gold

BULB-A165-6W4



Smoke

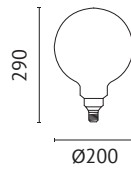
BULB-G200-6W2

Ø200 mm, L290 mm



Gold

BULB-G200-6W4



Smoke

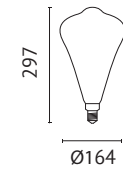
BULB-ST164-6W2

Ø164 mm, L297 mm



Gold

BULB-ST164-6W4



Smoke

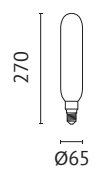
BULB-T65-6W2

Ø65 mm, L270 mm



Gold

BULB-T65-6W4



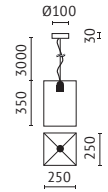
PZ

Pendelleuchte aus Metall, Fassung E27, inkl. Abhängung L1500 mm
Pendant lamp metal, socket E27, incl. suspension L1500 mm

Schwarz Black	LxB/WxH
PZ-2525352	250x250x350 mm*

*Weitere Abmessungen auf Anfrage.
Other dimensions on request.

Leuchtmittel im Lieferumfang nicht enthalten.
Bulb not included in the scope of delivery.



Zubehör | Accessories



Auf Anfrage mit 3 Phasenadapter | With 3 phase adapter on request

PVS/PVO

Vintage Pendel LED E27 mit Baldachin | Vintage suspension LED E27 with canopy

Mit Befestigung und Drahtseil für schwere Lampenschirme
With mounting and steel wire for heavy lampshades

Für Leuchtmittel
For light source



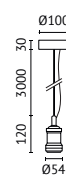
PVS-27G4

Messing gebürstet
Brass brushed



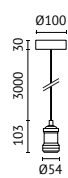
PVS-27G2

Schwarz matt
Black matt



PVO-27G2

Schwarz matt
Black matt



Textilkabel schwarz, L=3000 mm
Drahtseil L=3000 mm
Maximale Tragkraft = 5 kg

Textile cable black, L=3000 mm
Steel wire L=3000 mm
Maximum load-bearing= 5 kg

Textilkabel schwarz, L=3000 mm
Maximale Tragkraft = 1,2 kg

Textile cable black, L=3000 mm
Maximum load-bearing = 1,2 kg

PV-27G4

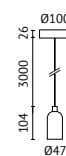
Messing gebürstet
Brass brushed

Textilkabel schwarz, L=3000 mm mit Baldachin

Textile cable black, L=3000 mm with canopy

PV-27G2

Schwarz matt
Black matt



PV-27G4



PV-27G2

STOFFLEUCHTEN FABRIC LUMINAIRES



ALLE
FORMEN
& FARBEN
MÖGLICH
ALL SHAPES
& COLORS
POSSIBLE

- Metallrahmen, lackiert, mit Stoff bespannt
- Inkl. Deckenbaldachin
- Inkl. Seilabhangung 3000 mm, Lange kurzbar
- Schutzart: IP20
- Schutzklasse: I

Ausfuhungen auf Anfrage:

- LED fur hohe Bereiche
- Schwer entflammbare Stoffe
- Weitere Abmessungen auf Anfrage
- Individueller Druck (z.B. Logo, Schriftzug etc.)
- Stromschienenadapter
- Anbauleuchten

- Metal frame, coated, covered with fabrics
- Incl. ceiling rosette
- Incl. suspension 3000 mm, length adjustable
- Protection Rating: IP20
- Protection Class: I

Special assembly on request:

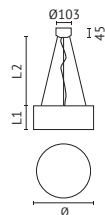
- LED for high areas
- Flame-resistant fabrics
- Further dimensions on request
- Individual printing (e.g. emblem, lettering etc.)
- Power-track adapter
- surface mounted luminaires



Pendelleuchte | Pendant luminaire

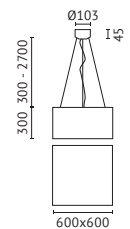
Rund | Round
230V~/AGL 3x E27

Offen Opened	Geschlossen Closed	Ø	L1	L2
R-7030x	R-7030Gx	700 mm	300mm	300 - 3000mm
R-9030x	R-9030Gx	900 mm	300mm	300 - 3000mm
R-9040x	R-9040Gx	900 mm	400mm	400 - 3000mm
R-12040x	R-12040Gx	1200 mm	400mm	400 - 3000mm



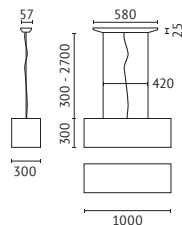
Quadratisch | Square
230V~/AGL 3x E27

Offen Opened	Geschlossen Closed	L x B / W
Q-606030x	Q-606030Gx	600 x 600 mm



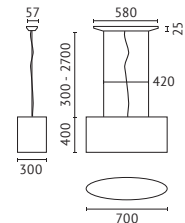
Rechteckig | rectangular
230V~/AGL 3x E27

Offen Opened	Geschlossen Closed	L x B / W
E-1003030x	E-1003030Gx	L1000 x B300 mm



Oval | Oval
230V~/AGL 3x E27

Offen Opened	Geschlossen Closed	L x B / W
O-703040x	O-703040Gx	L700 x B300 mm



X Bitte x durch Stoff Artikel-Nr. ersetzen, siehe Seite 174
Please replace x by fabric article no., see page 174



LVK ist abhängig vom verwendeten Leuchtmittel.
IDC depends on the used lamp.

STOFFE FABRICS

AUCH
ANDERE
MATERIALIEN
MÖGLICH.
ALSO OTHER
MATERIALS
POSSIBLE.

Stoffe | Fabrics

Nicht transparent | Not translucent



Chintz
granat | garnet
x= 4108



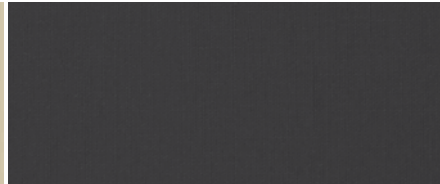
Cotonette
braun | brown
x= 2489



Chintz
weiß | white
x= 2940



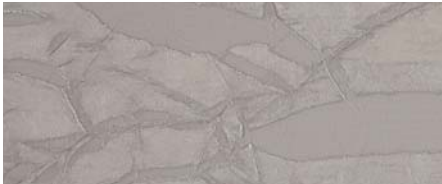
Chintz
creme | creme
x= 2946



Chintz
schwarz | black
x= 2949



Swing
violette | purple
x= 2423



Bambus
weiß silber | white silver
x= 2995

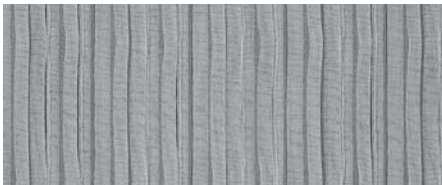


Cotonette
braun | brown
x= 2977



Organza
braun/gold | brown/gold
x= 2021

Transparent | Translucent



Organza
weiß plissiert | white pleated
x= 2011



Organza
schwarz plissiert | black pleated
x= 2010



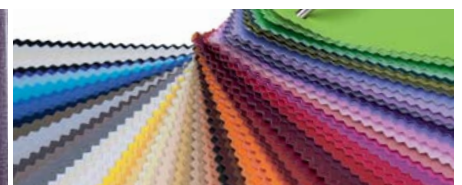
Organza
orange plissiert | orange pleated
x= 2013



Organza
Brombeere plissiert | blackberry pleated
x= 2008



Organza
Pflaume plissiert | plum pleated
x= 2019



Viele weitere Farben auf Anfrage
Many other colors on request





- Runde LED Pendelleuchte für den Innenbereich
- Rahmen aus Aluminium, weiß lackiert
- Opalabdeckung aus PMMA
- UGR<16
- Lichtaustritt: Direkt ca. 65% / indirekt ca. 35%
- Flickerfree
- Schutzart: IP20
- Schutzklasse: II
- Inkl. Befestigungsset für Pendelmontage
- Stahlseil und Stromkabel L = 1,5 m
- Inkl. externem elektronischem Versorgungsteil

- Round LED pendant luminaire for indoor use
- Anodized aluminium frame, white lacquered
- Opal PMMA cover
- UGR<16
- Light distribution: Direct approx. 65% / indirect approx. 35%
- Flickerfree
- Protection Rating: IP20
- Protection Class: II
- Incl. mounting kit for pendant installation
- Steel cable and power cable L = 1,5 m
- Incl. external electronic power supply

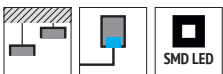
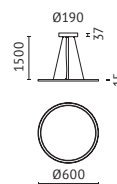


DDHR
LED Pendelleuchte inkl. Seilabhängung
LED Pendant luminaire incl. wire suspension
⚡ 120° / 220-240V / CRI>80

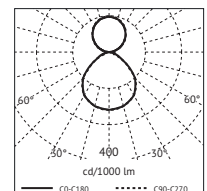
Ø 600 x H15 mm		41W
4000 K	○ DDHR-40NW31P	3987 lm
3000 K	○ DDHR-40WW31P	3867 lm

UGR<16

DALI		41W
	DDHR-40NW31P-DD	3987 lm
	DDHR-40WW31P-DD	3867 lm



○ Weiß | White



BLE/BLR



- LED Wand- und Deckenanbauleuchten für den Innen- und Außenbereich
- In zwei Versionen erhältlich (Standard und mit Bewegungssensor)
- Lichtfarbe an der Leuchte einstellbar 3000K, 4000K und 6000K
- Schutzart: IP54
- Schutzklasse: II
- Unterteil und Abdeckung aus Polycarbonat (PC)
- IK10

Auf Anfrage

- DALI

- LED wall and ceiling mounted luminaires for indoor and outdoor use
- Available in two versions (standard and with motion sensor)
- Light temperature switchable on the luminaire 3000K, 4000K and 6000K
- Protection class: IP54
- Protection class: II
- Polycarbonate (PC) base and cover
- IK10

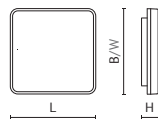
On request

- DALI



Sensor Version erfordert Fernbedienung BLX-FBS (nicht im Lieferumfang enthalten). Die Lichtfarbe ist nicht über die Fernbedienung einstellbar.
 Sensor version requires remote control BLX-FBS (not included in delivery). The light temperature is not adjustable via remote control.

BLE
 LED Wand- und Deckenanbauleuchte
 LED wall and ceiling mounted luminaire
 ∆ 120° / 220÷240V / CRI >80



Standard

Bewegungssensor
 Motion sensor



Lichtfarbe umschaltbar
 Light temperature switchable
 3000 K 4000 K 6000 K

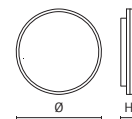
L220 x B/W220 x H48 mm

○ BLE-12WWSCW1 ○ BLE-12WWSCW1S 12 W 1255 lm 1294 lm 1320 lm

L280 x B/W280 x H48 mm

○ BLE-18WWSCW1 ○ BLE-18WWSCW1S 18 W 2019 lm 2081 lm 2123 lm

BLR
 LED Wand- und Deckenanbauleuchte
 LED wall and ceiling mounted luminaire
 ∆ 120° / 220÷240V / CRI >80



Standard

Bewegungssensor
 Motion sensor



Lichtfarbe umschaltbar
 Light temperature switchable
 3000 K 4000 K 6000 K

Ø 220 x H48 mm

○ BLR-12WWSCW1 ○ BLR-12WWSCW1S 12 W 1297 lm 1337 lm 1364 lm

Ø 280 x H48 mm

○ BLR-18WWSCW1 ○ BLR-18WWSCW1S 18 W 1928 lm 1988 lm 2028 lm

Ø 330 x H48 mm

○ BLR-25WWSCW1 ○ BLR-25WWSCW1S 25 W 2706 lm 2790 lm 2846 lm



Fernbedienung | Remote control

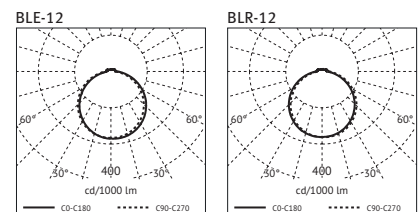
BLX-FBS

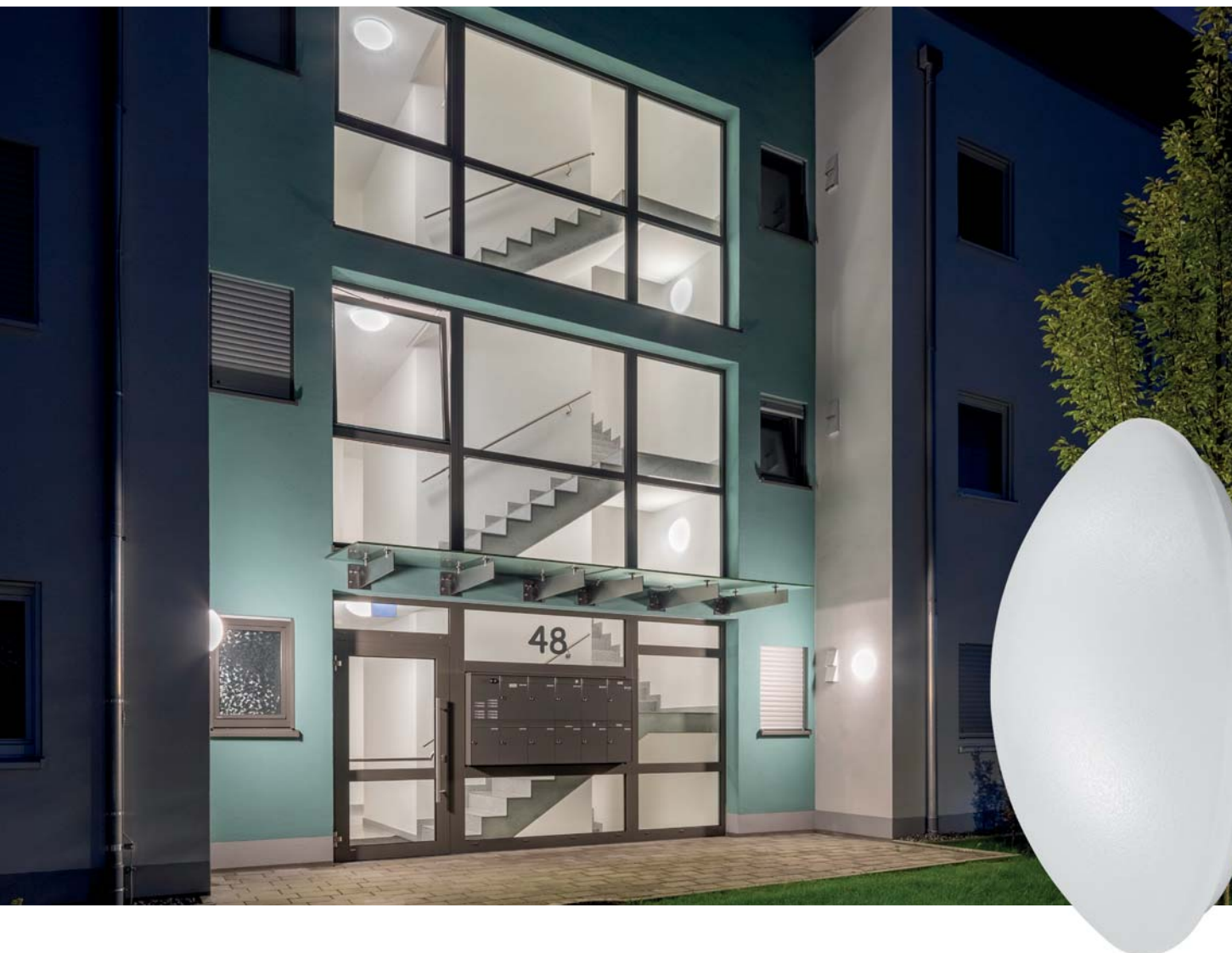
Fernbedienung für Sensor Version BLE/BLR. Bei Leuchten des gleichen Typs kann die Konfiguration mit einer Fernbedienung ausgeführt werden.

Remote control for sensor version BLE/BLR. For luminaires of the same type, the configuration can be performed with a remote control.



○ Weiß | White





- LED Wand- und Deckenanbauleuchte
- In Version Standard, Notlicht (3h) und mit HF-Sensor und DALI erhältlich
- Leuchtenunterteil Stahlblech weiß. Bombierte, strukturierte Acrylglas-Wanne (PMMA), opal transluzent
- Schutzart: IP40
- Schutzklasse: I

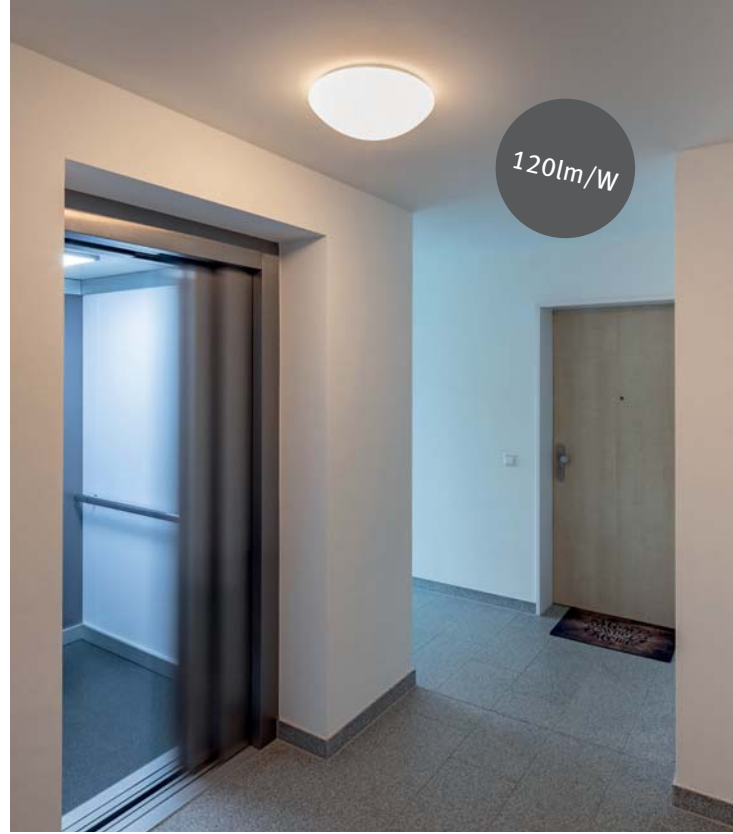
Auf Anfrage

- Weitere Größen
- PC-Abdeckung
- IP65
- AC/DC taugliche Netzteile

- LED wall and ceiling mounted luminaire
- In version standard, emergency (3h) and HF sensor and DALI available
- Luminaire base sheet steel white. Curved, textured acrylic diffuser (PMMA), opal translucent
- Protection Rating: IP40
- Protection Class: I

On request

- Other sizes
- PC cover
- IP65
- AC/DC suitable power supplies

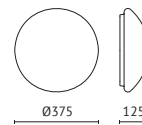


Z-AR KL-RKF

Abhängung / Seilabhängung
3-Punkt Seilabhangesatz
L2200 mm, individuell kürzbar

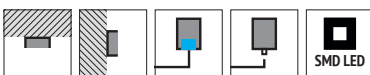
Suspension / Rope suspension
3-point rope suspension set
L2200 mm, individually shortenable

LKR
LED Wand- und Deckenanbauleuchte
LED wall and ceiling mounted luminaire
△ 120° / 220÷240V / CRI>80 / L80/B10 > 50.000h
Ø 375 mm, H125 mm

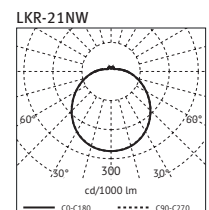


	Standard	3h Notlichtfunktion 3h emergency light	Mit HF Sensor With HF sensor	21 W
4000 K	LKR-21NW	LKR-21NW-N3	LKR-21NW-S	2800 lm
3000 K	LKR-21WW	LKR-21WW-N3	LKR-21WW-S	2600 lm

DALI	21 W
LKR-19NW-DD	2800 lm
LKR-19WW-DD	2600 lm



○ Weiß | White



AMOS



- LED Aufbau Downlight
- Gehäuse aus lackiertem Alu-Druckguss, Glaslinse
- COB-LED-Modul, Ausstrahlwinkel 36°
- Schutzart: IP20
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil
- TRIAC dimmbar

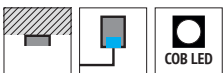
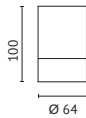
- LED surface mounted downlight
- Body in coated die-cast aluminium, glass lens
- COB-LED-module, optic 36°
- Protection Rating: IP20
- Protection Class: II
- Built in electronic power supply
- TRIAC dimmable



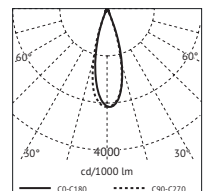
AMOS

LED Aufbau Downlight | LED surface mounted downlight
 ⚡ 36° / 220÷240V / CRI>80

Ø 64 x H100 mm		4 W
4000 K	AMOS-7NW1TD	368 lm
3000 K	AMOS-7WW1TD	353 lm



○ Weiß | White



MAYA W



- LED Wandleuchte
- Gehäuse aus lackiertem Alu-Druckguss, klares Schutzglas
- COB-LED-Modul, Ausstrahlwinkel 50°
- 4 Gehäusefarben
- Schutzart: IP20
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil
- Dimmbar TRIAC

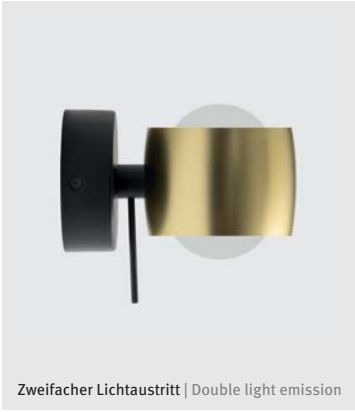
- Ausführung Schienenstrahler siehe Seite 32
- Ausführung Pendelleuchten siehe Seite 154

- LED wall mounted luminaire
- Body in coated die-cast aluminium, clear glass
- COB-LED-module, optic 50°
- 4 housing colours
- Protection Rating: IP20
- Protection Class: II
- Built in electronic power supply
- TRIAC dimmable

- Version track spotlight see page 32
- Version pendant luminaires see page 154



Einfacher Lichtaustritt | Single light emission



Zweifacher Lichtaustritt | Double light emission



MAYA W
LED Wandleuchte | LED wall mounted luminaire
△ 50° / 220÷240V / CRI >90

Einfacher Lichtaustritt | Single light emission

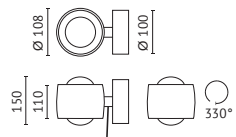
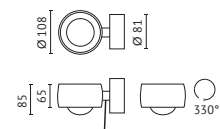
8 W

2700 K ○ MAYAW-6SW1-1D ● MAYAW-6SW2-1D ● MAYAW-6SW24-1D ● MAYAW-6SW3-1D 499 lm

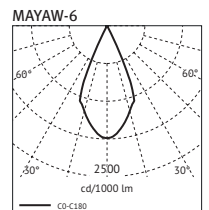
Zweifacher Lichtaustritt | Double light emission

16 W

2700 K ○ MAYAW-6SW1-2D ● MAYAW-6SW2-2D ● MAYAW-6SW24-2D ● MAYAW-6SW3-2D 998 lm



○ Weiß | White ● Schwarz | Black ● Schwarz/Gold | Black/Gold ● Chrom | Chrome



NAT/NATE



- LED Wandan- und Einbauleuchte
- Gehäuse aus lackiertem Alu-Druckguss
- Mit On/Off Schalter
- Schwenkbar
- COB-LED-Modul, Ausstrahlwinkel 30°
- Schutzart: IP20
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

- LED wall and recessed mounted luminaire
- Body in coated die-cast aluminium
- With on/off switch
- Swiveling
- COB-LED-module, optic 30°
- Protection Rating: IP20
- Protection Class: I
- Built in electronic power supply



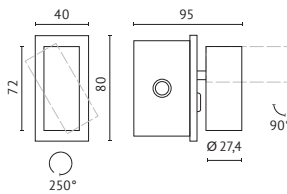
NATE



NAT

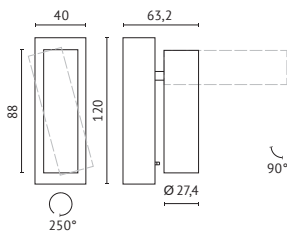
NATE
LED Wandinbauleuchte mit Schalter
LED wall recessed luminaire with switch
220÷240V / CRI >80

Ø 27,4 x H63 mm / B/W33xH72 mm Δ 30°
3000 K ○ NATE-2WW1 3 W 155 lm

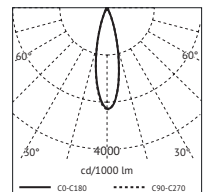


NAT
LED Wandinbauleuchte mit Schalter
LED wall mounted luminaire with switch
220÷240V / CRI >80

B40 x H120 x T/D61,7 mm Δ 30°
3000 K ○ NAT-2WW1 3 W 155 lm



○ Weiß | White



DDH^N / DDH TW^N



- LED Deckeneinlegeleuchte
- Gehäuse aus lackiertem Aluminium
- Prismatische Abdeckung - UGR<19
- Schutzart: IP20
- Schutzklasse: II
- Inkl. externem Versorgungsteil von Tridonic, PHILIPS, OSRAM oder ähnlich, flickerfree

Auf Anfrage

- Opalabdeckung - UGR 23
- Modul 600 x 600 mm
- Einbaurahmen

- LED ceiling inlaying luminaire
- Body in aluminium coated
- Diffuser prismatic - UGR<19
- Protection Rating: IP20
- Protection Class: II
- Incl. external power supply from Tridonic, PHILIPS, OSRAM or similar, flickerfree

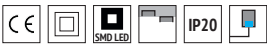
On request

- Diffuser opal - UGR 23
- Module 600 x 600 mm
- Installation frame

120lm/W

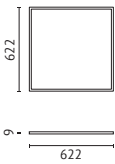


DDH | 220-240 V | LED | UGR<19 | CRI 80

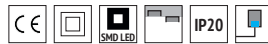


80° Diffusor prismatisch | Diffuser prismatic

622x622x9 mm	DALI	29 W
4000 K DDH-30NW11P	DDH-30NW11DD	3647 lm
3000 K DDH-30WW11P	DDH-30WW11DD	3575 lm



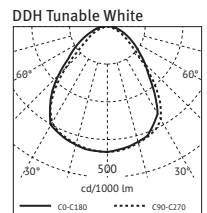
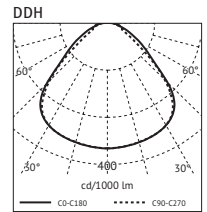
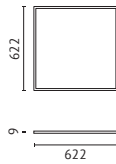
DDH Tunable White | 220-240 V | LED | UGR<19 | CRI 80



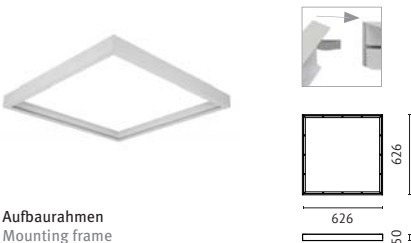
Diffusor prismatisch | Diffuser prismatic

622x622x9 mm	31 W
3000 K - 5000 K DDH-30WWCW11	3661 lm (5000 K) 3926 lm (4000 K) 3979 lm (3000 K)
DALI	
3000 K - 5000 K DDH-30WWCW11DD	

Fernbedienung DDH-FB erforderlich
Remote control DDH-FB required



Zubehör | Accessories



Aufbaurahmen
Mounting frame

ELEDN-AUR626

L626xB626xH50 mm

Inkl. Schrauben für die Deckenmontage. Click-System mit Metallwinkel (ohne sichtbare Schrauben am Rahmen).
Incl. Screws for ceiling mounting. Click system with metal bracket (without visible screws on the frame).



Y-Stahlseilabhängungs-Set
Y steel wire pendant set

Z-ELEDN **Z-ELED2-4**

L.3000 mm L.1400 mm



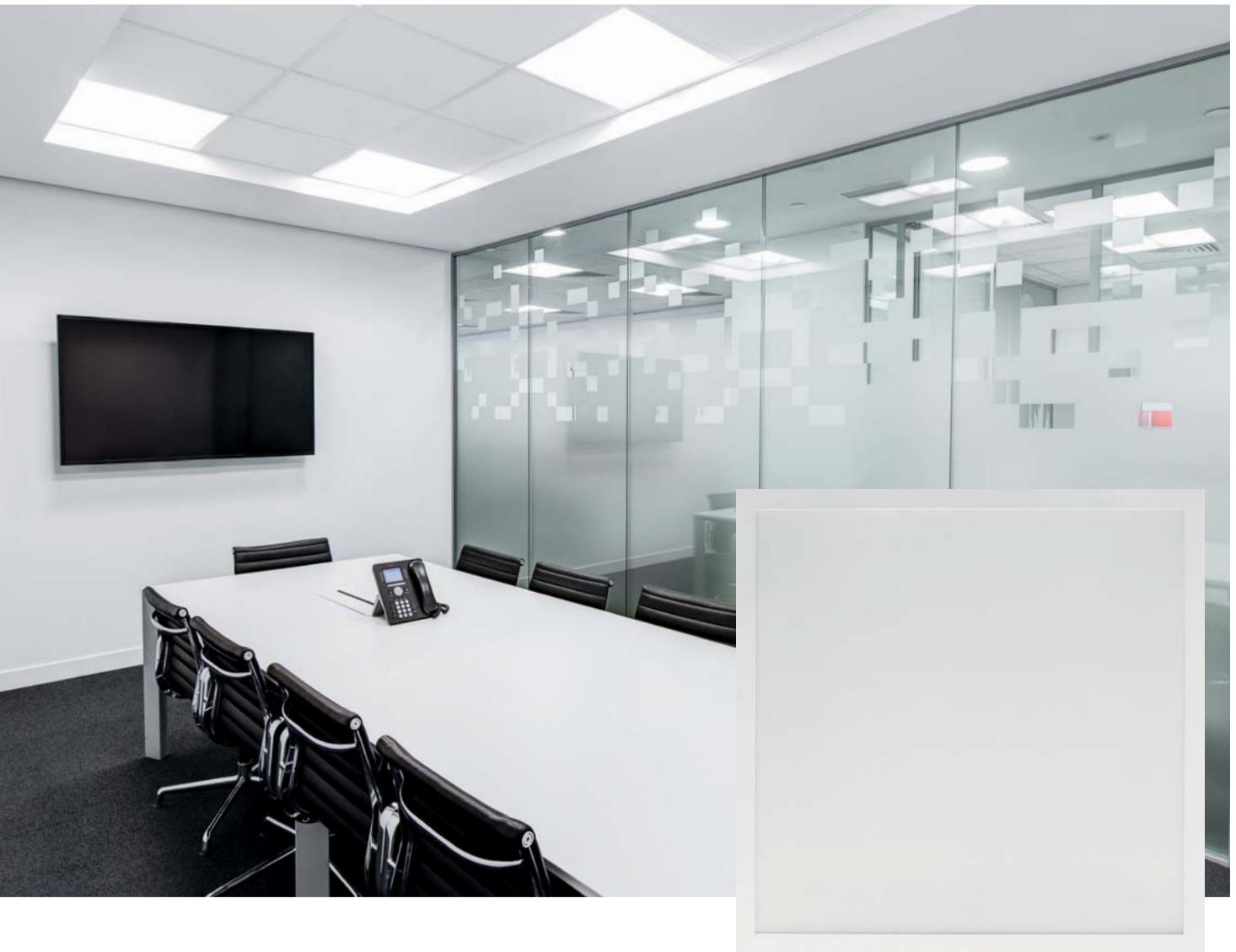
Fernbedienung für DDH-30WWCW11 (Tunable White)
Remote control for DDH-30WWCW11 (Tunable White)

DDH-FB

Bis zu 99 Leuchten steuerbar, inkl. Batterien 3x 1,5 AAA
Up to 99 lights controllable, incl. batteries 3x 1,5 AAA

Farben | Colors

Weiß | White



- Backlit LED Einlege- und Anbauleuchte
- Robuster Rahmen aus Aluminium
- Mikroprismatische Abdeckung
- UGR <19 geeignet für Bildschirmarbeitsplätze
- Schutzart: IP20
- Schutzklasse: II
- Inkl. externem LED-Versorgungsteil von Philips Xitanium, flickerfree

Auf Anfrage

- PUSH DIM

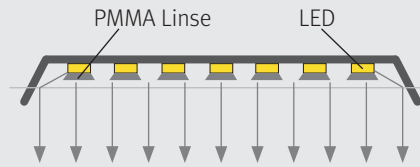
- Backlit LED ceiling inlaying and ceiling mounted luminaire
- Strong frame made of aluminum
- Micro-prismatic cover
- UGR <19 suitable for computer workstations
- Protection Rating: IP20
- Protection Class: II
- Incl. external LED power supply from Philips Xitanium, flickerfree

On request

- PUSH DIM

Back-lit LED Panel

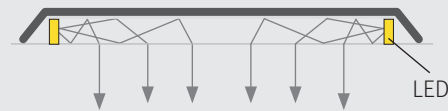
Vorteil: Das Licht wird direkt nach unten abgegeben.
 Advantage: The light is emitted directly downwards.



Mit optischen PMMA Linsen

Edge-lit LED Panel

Nachteil: Das Licht wird seitlich abgestrahlt und über das Gehäuse nach unten reflektiert.
 Disadvantage: The light is emitted laterally and reflected downwards via the housing.



120lm/W

UGR<19

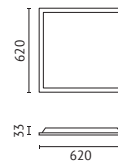
ELEDB

Backlit LED Einlege-, und Anbauleuchte

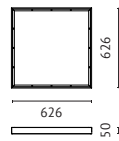
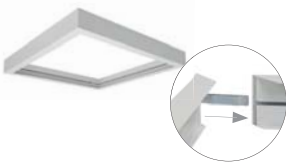
Backlit LED ceiling inlaying, ceiling mounted luminaire

∠ 90° / 220-240V~ / UGR<19 / CRI>80

620x620x33 mm	DALI		30 W
4000 K	ELEDB-30NW11P	ELEDB-30NW11P-DD	3736 lm
3000 K	ELEDB-30WW11P	ELEDB-30WW11P-DD	3624 lm



Zubehör | Accessories



Aufbaurahmen | Mounting frame

ELEDB-AUR626N

L626xB626xH50 mm

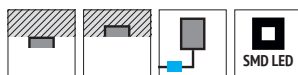
Inkl. Schrauben für die Deckenmontage. Click-System mit Metallwinkel (ohne sichtbare Schrauben am Rahmen).
 Incl. Screws for ceiling mounting. Click system with metal bracket (without visible screws on the frame).



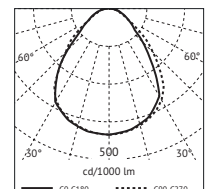
Einbau Befestigungssatz 4er-Set
 Installation mounting kit, set of 4



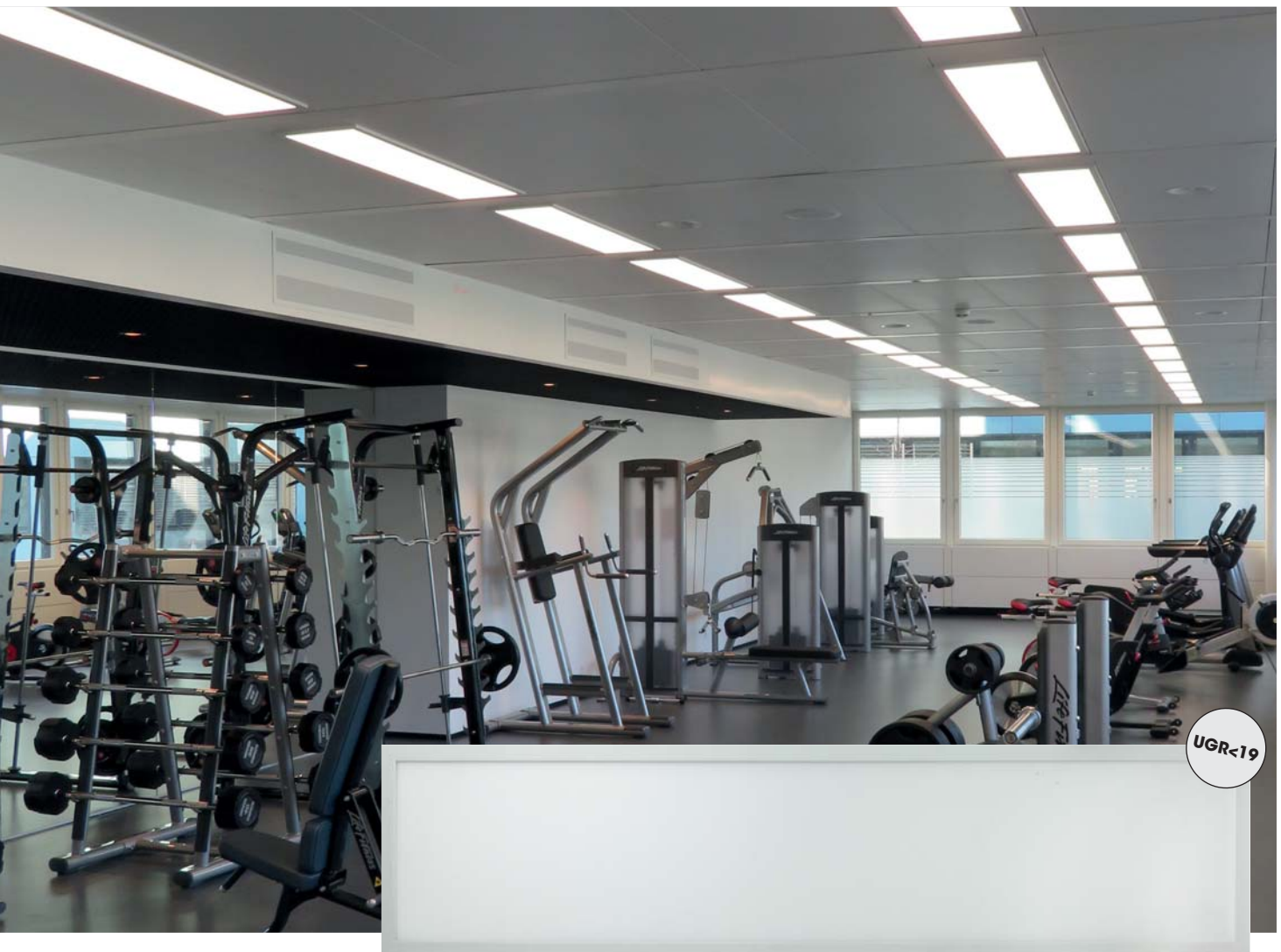
Z-BELEDB
 Deckenausschnitt | Ceiling cutout
 590x590 mm



○ Weiß | White



DDH4



- LED Deckeneinlegeleuchte
- Gehäuse aus lackiertem Aluminium
- Prismatische Abdeckung - UGR<19
- Schutzart: IP20
- Schutzklasse: II
- Inkl. externem Versorgungsteil von Tridonic, PHILIPS oder ähnlich, flickerfree

Auf Anfrage

- Opalabdeckung - UGR<23
- Weitere Größen

- LED ceiling inlaying luminaire
- Body in aluminium coated
- Diffuser prismatic - UGR<19
- Protection Rating: IP20
- Protection Class: II
- Incl. external power supply from Tridonic, PHILIPS or similar, flickerfree

On request

- Diffuser opal - UGR<23
- Other sizes

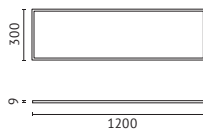


DDH4

LED Deckeneinlegeleuchte | LED ceiling inlaying luminaire
Diffusor prismatisch | Diffuser prismatic

△ 80° / 220-240V~ / UGR <19 / CRI >80

1200 x 300 x 9 mm		40 W
4000 K	DDH4-40NW11P	4096 lm
3000 K	DDH4-40WW11P	4014 lm
DALI		40 W
4000 K	DDH4-40NW11P-DD	4096 lm
3000 K	DDH4-40WW11P-DD	4014 lm



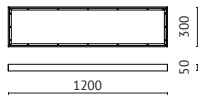
Zubehör | Accessories



Aufbaurahmen | Mounting frame

ELEDN-AUR120

L1200xB300xH50 mm



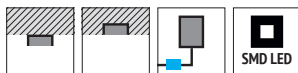
Inkl. Schrauben für die Deckenmontage. Click-System mit Metallwinkel (ohne sichtbare Schrauben am Rahmen).
Incl. Screws for ceiling mounting. Click system with metal bracket (without visible screws on the frame).



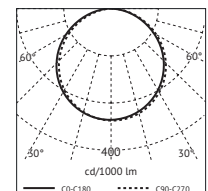
Y-Stahlseilabhängung-Set
Y steel wire pendant set

Z-ELEDN **Z-ELED2-4**

L.3000 mm L.1400 mm



○ Weiß | White





- LED Deckenanbau- oder Pendelleuchte
- Gehäuse aus Stahlblech (IK07), weiße Epoxidbeschichtung
- Doppel-Parabol-Raster aus hochglanzpoliertem Aluminium mit sehr hohem Rückstrahlwert – UGR<19
- Direkt strahlend
- Schutzart: IP20
- Schutzklasse: I
- Einfache und schnelle Installation
- Integriertes elektronisches Versorgungsteil
- Multilumen - Einstellbarkeit des Leuchtenlichtstroms in 2 Stufen (Werkseitig auf hohen Lichtstrom voreingestellt)

Auf Anfrage

- DALI

- LED ceiling mounted or pendant luminaire
- Housing made of steel sheet (IK07), white epoxy coating
- Double parabolic louvre made of highly polished aluminum with very high reflection value - UGR<19
- Direct light distribution
- Protection rating: IP20
- Protection class: I
- Easy and fast installation
- Built-in electronic power supply
- Multilumen - adjustability of the luminaire luminous flux in 2 levels (factory preset for high luminous flux)

On request

- DALI



120lm/W

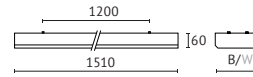
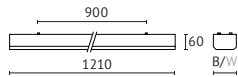
LLED

LED Deckenleuchte | LED ceiling mounted luminaire

⚡ 60° / 220-240V / UGR<19 / CRI>80 / L80/B10 > 50.000h

Lichtstrom der Leuchte in 2 Stufen einstellbar (werkseitig hoher Lichtstrom voreingestellt)

Luminous flux of the luminaire adjustable in 2 steps (factory preset high luminous flux)



L1210 x B/W155 x H60 mm	18 W	39 W
4000 K ○ LLED-39NW1ML	2500 lm	4500 lm
3000 K ○ LLED-39WW1ML	2400 lm	4300 lm

UGR<19

L1510 x B/W155 x H60 mm	24 W	50 W
4000 K ○ LLED-50NW1ML	3000 lm	6000 lm
3000 K ○ LLED-50WW1ML	2900 lm	5800 lm



L1210 x B/W240 x H60 mm	21 W	39 W
4000 K ○ LLED-39-21NW1ML	2900 lm	4800 lm
3000 K ○ LLED-39-21WW1ML	Auf Anfrage On request	

L1510 x B/W240 x H60 mm	33 W	58 W
4000 K ○ LLED-58NW1ML	4400 lm	7000 lm
3000 K ○ LLED-58WW1ML	Auf Anfrage On request	

Zubehör | Accessories



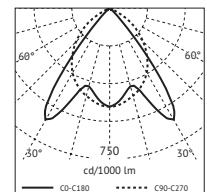
Y-Stahlseilabhängung-Set
Y steel wire pendant set

Z-LED

L.3000 mm



○ Weiß | White





Optimale Ausleuchtung
eines Doppelarbeitsplatzes

Besonders langer Leuchten-
kopf, Länge = 1635 mm

Auslegerbreite nur 35 mm

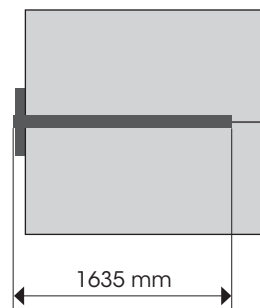
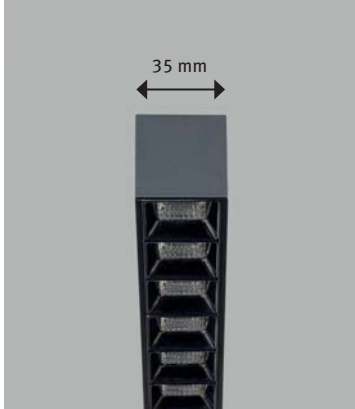
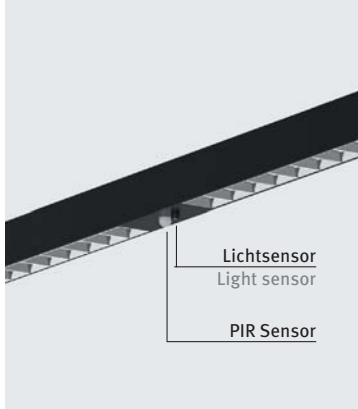
Optimal illumination of a
double workstation

Particularly long luminaire
head with 1635 mm length

Boom width only 35 mm

- Stehleuchte
- Gehäuse aus Aluminium, schwarz pulverbeschichtet
- Linsenoptik mit Entblendungsraster schwarz
- UGR<16
- Lichtaustritt: direkt ca. 30% / indirekt ca. 70%
- Touch-Dim
- PIR Sensor für Präsenz und Tageslicht
- Schutzklasse: 1
- Inkl. Anschlusskabel
- Integriertes elektronisches Netzteil im Profilrohr

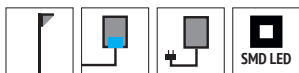
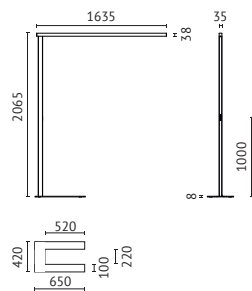
- Floor luminaire
- Body made of Aluminium, powder coated in black
- Lens optics with anti-glare reflectors black
- UGR<16
- Light emission: direct approx. 30% / indirect approx. 70%
- Touch-dim
- PIR sensor for presence and daylight
- Protection class: 1
- Incl. connection cable
- Integrated LED converter in the profile tube



GAL
Stehleuchte | Floor luminaire
△ 60° / 220-240V~ / CRI>80 / Touch-dim

UGR<16

3500 K ● GAL-100WNW2DS 100 W 12767 lm

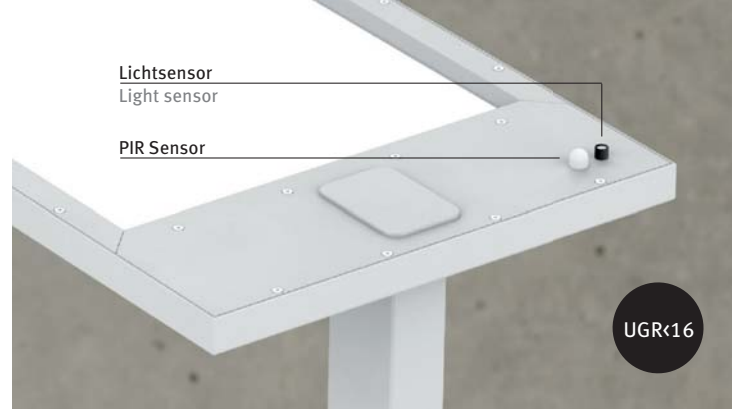


● Schwarz | Black



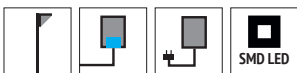
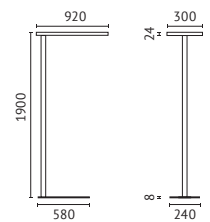
- Stehleuchte
- Gehäuse aus Aluminium, weiß oder schwarz beschichtet
- Mikroprismatische Abdeckung aus PMMA
- UGR<16
- Lichtaustritt: direkt ca. 25% / indirekt ca. 75%
- Touch-Dim
- Sensor für Präsenz und Tageslicht
- USB-Anschluss: 8,5 W
- Schutzklasse: 1
- Anschlusskabel L3000 mm
- Integrierter LED-Konverter

- Floor luminaire
- Body made of Aluminium, coated in white or black
- Microprismatic cover made of PMMA
- UGR<16
- Light emission: direct approx. 25% / indirect approx. 75%
- Touch-dim
- Sensor for presence and daylight
- USB port: 8,5W
- Protection class: 1
- Connection cable L3000 mm
- Integrated LED converter

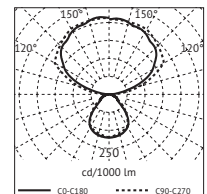


UOL
Stehleuchte | Floor luminaire
⚡ 80° / 220-240V~ / UGR <16 / CRI >80 / Touch-dim / USB Port 8,5 W

Sensorautomatik für Präsenz und Tageslicht | Sensor automatic for presence and daylight **98 W**
4000 K ○ **UOL-100NW1DS** ● **UOL-100NW2DS** ▼ 25% ▲ 75% 11230 lm



○ Weiß | White ● Schwarz | Black

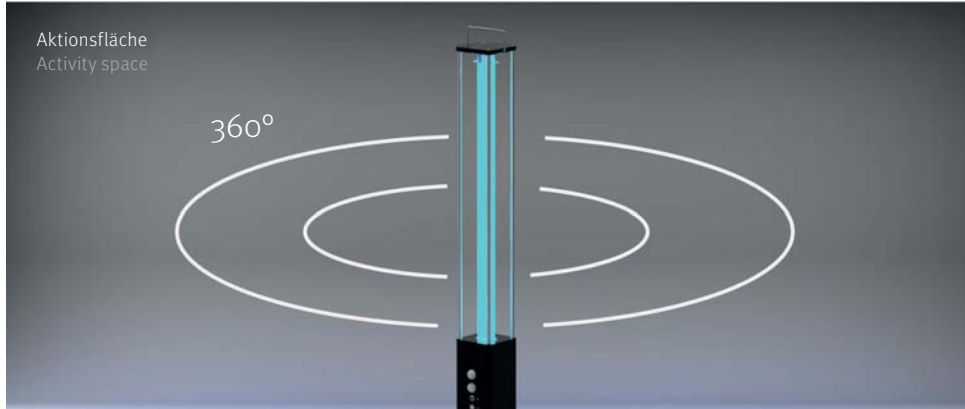
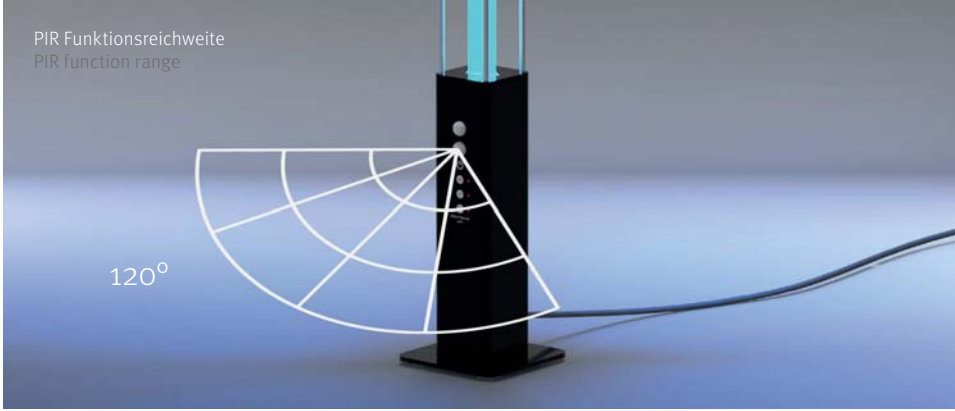




- Mobile UV Sterilisationsleuchte für Oberflächen
- Systemleistung: 55 Watt / 220-240V 50Hz
- Leuchtenkörper aus Aluminium-Druckguss
- Aktionsfläche 360°
- Ausführung mit 2 PIR Bewegungsmelder und Zeitschaltuhr
- PIR Funktionsreichweite: 6m, 120°
- Lebensdauer Leuchtmittel (austauschbar): 6000h
- Spitzenwert der Emission von UV-Strahlen: 254nm
- Emittertyp: TCL - 2G11
- Schutzklasse: I
- Schutzart: IP20
- Abmessungen: L145xB145xH860 mm
- Anschlusskabel: Schwarz
- Gewicht: 3,5 kg

- Mobile UV sterilization lamp for surfaces
- System power: 55 Watt / 220-240V 50Hz
- Lamp body made of die-cast aluminum
- Action area 360
- Version with 2 PIR motion detectors and timer
- PIR function range: 6m, 120°
- Lamp life (replaceable): 6000h
- Peak emission of UV rays: 254nm
- Emitter type: TCL - 2G11
- Protection class: I
- Protection class: IP20
- Dimensions: L145xW145xH860 mm
- Connection cable: black
- Weight: 3,5 kg

PIR Funktionsreichweite
PIR function range



Aktionsfläche
Activity space

Mit der mobilen UV-Leuchte werden nicht nur Viren, Bakterien, und Pilze in der Umgebung unschädlich gemacht, auch Oberflächen, Wände, Möbel und Geländer lassen sich mit der mobilen Desinfektionsleuchte zuverlässig desinfizieren. Daher ist es die wirksame Lösung zum Sterilisieren und Desinfizieren von Umgebungen und Objekten.

With the mobile UV lamp not only viruses, bacteria, and fungi in the environment are rendered harmless, but also surfaces, walls, furniture, and railings can be reliably disinfected with the mobile disinfection lamp. Therefore, it is the effective solution for sterilizing and disinfecting environments and objects.

Zur Sicherheit von Mensch und Tier schützen zwei Anwesenheitssensoren vor den UV-C Strahlen. Mit dieser UVC-Leuchte bieten wir eine perfekte Möglichkeit für eine effiziente und chemiefreie Desinfektion in Praxen, Restaurants, Verkaufs- und Büroflächen, Bildungs- und Betreuungseinrichtungen, Fitnessstudios, Kantinen, Kosmetikstudios, Aufenthaltsräumen, privaten Räumen, etc.

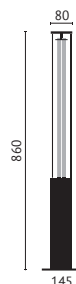
For the safety of humans and animals, two presence sensors protect against the UV-C rays. With this UVC lamp, we offer a perfect option for efficient and chemical-free disinfection in medical offices, restaurants, sales and office areas, educational and care facilities, gyms, canteens, beauty salons, recreation rooms, private rooms, etc.

UVC
Mobile UV Sterilisationsleuchte inkl. Leuchtmittel
Mobile UV sterilization lamp incl. illuminant

220-240V 50Hz

L145 x B/W80 x H860 mm

UVC-55B2 55 W



Zubehör | Accessories

UV-C Ersatzleuchtmittel
Replacement illuminant

PLL-55/4P-UVC

TUV PL-L 55W 4-Pin (4P)
für UVC

UVC Leuchtmittel kann getauscht werden. Ersatzleuchtmittel: PLL-55/4P-UVC
UVC bulb can be replaced. Replacement bulb: PLL-55/4P-UVC



● Schwarz | Black



AIR CLA



- Decken- und Einlegeleuchte kombiniert mit zuschaltbarer Luftdesinfektion
- Bedienung nur mit Fernbedienung Z-FBCLA (Zubehör) möglich
- Farbtemperatur: 4000K
- LED-Licht 29 W (nicht dimmbar)
- UGR <16
- UVC und Ventilation: 16 W
- Luftdurchfluss 53m³/60 Min.
- <16dB (Abstand 1m)
- Lebensdauer UVC-Leuchte Art-Nr. TL-11-2P-UVC = 11.000 h
- IP Klasse: IP20
- Schutzklasse: I

- Ceiling and insertion light combined with switchable UVC air disinfection
- Operation only possible with remote control Z-FBCLA (accessories)
- color temperature: 4000K
- LED luminaire 29 W (not dimmable)
- UGR <16
- UVC and ventilation: 16 W
- Air flow rate 53m³/60 Min.
- 30dB (distance 1m)
- Lifetime UVC lamp art. no. TL-11-2P-UVC = 11.000 h
- IP class: IP20
- Protection class: I



Funktion:

Die Raumluft wird über hochwertige Filter vorgereinigt und macht Viren und Bakterien mit der integrierten UVC-Lampe unschädlich. Die Luft strömt über einen Austrittsfilter staub- und keimfrei* zurück in den Raum. Der Reinigungsvorgang kann mit der Fernbedienung (Zubehör Z-FBCLA) eingestellt werden (An/Aus/Timer 0,5 bis 3 h). **Personen und Haustiere werden während des Entkeimungsbetriebs nicht gefährdet.**

Die Filter (Zubehör Filterset: Z-FCLA) sollten alle 3 Monate im Set gegen neue Filter getauscht werden. Die LED-Beleuchtung kann unabhängig von der Entkeimungsfunktion geschaltet werden (Ein/Aus/Timer 1h und 2h).

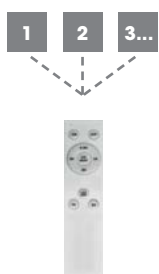
*Bei 2 h UVC-Luftreinigung = 99,92% entkeimte Luft

Function:

The room air is pre-cleaned via high-quality filters and renders viruses and bacteria harmless with the integrated UVC lamp. Via an outlet filter, the air flows back into the room free of dust and germs*. The cleaning process can be adjusted (on/off/timer 0.5 h to 3 h) with remote control (accessory Z-FBCLA). **People and pets are not endangered during the sterilization operation.**

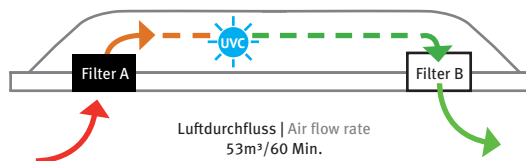
The filters (accessory filter set: Z-FCLA) should be replaced every 3 months. The LED lighting can be switched independently of the disinfection function (On/Off/Timer 1h and 2h).

*With 2 h UVC air purification = 99.92% disinfected air



Um mehrere Leuchten in einem Raum oder Areal mit einer Fernbedienung zu steuern, müssen diese am selben Schaltkreis angeschlossen sein. To control multiple luminaires in a room or area with one remote control, they must be connected to the same circuit.

UVC-Luftreinigung Air purification	Bedarf/m ² Demand/m ²	CLA-43NW-B1
2 h	20 m ²	1x
2 h	40 m ²	2x
2 h	60 m ²	3x



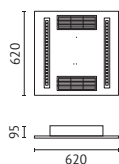
UGR<16

AIR

Kombinierte LED Decken- und Einlegeleuchte mit zuschaltbarer UVC Luftdesinfektion
Combined LED ceiling inlaying and insertion luminaire with switchable UVC air disinfection

∠ 90° / 230V 50Hz / UGR<16 / CRI >80

L620 x B/W620 x H95 mm Gesamtleistung: 43 W
4000 K **CLA-43NW-B1** LED-Leistung: 29 W | 3521 lm
UVC-Leistung: 11 W



Zubehör | Accessories



Fernbedienung
Remote control

Z-FBCLA

Inkl. Batterien | Incl. batteries
2x 1,5V AAA



Filter Set
Filter set

Z-FCLA



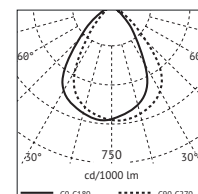
UVC Ersatz-Leuchtmittel
Replacement lamp

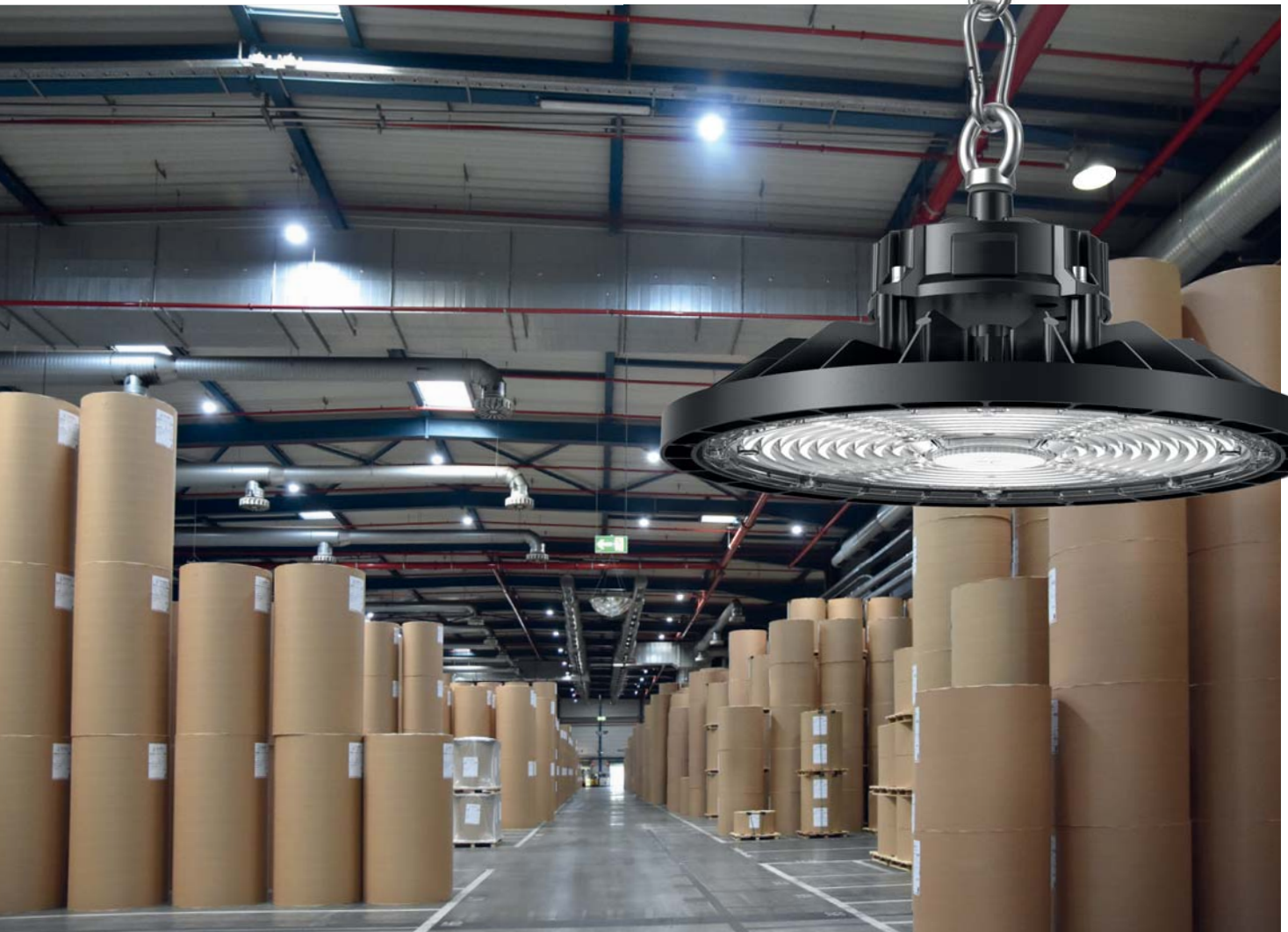
TL-11-2P-UVC

11 W



○ Weiß | White



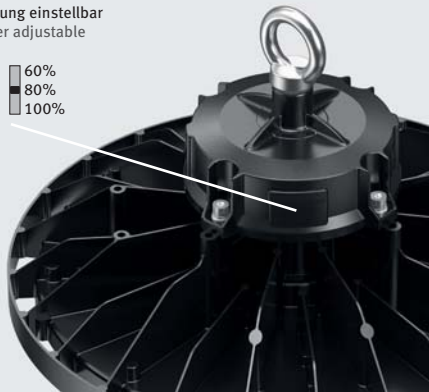


- LED Hallenleuchte
- Leistung 200/150/120W umschaltbar
- 4000K, CRI80, 220-240VAC, 50/60Hz
- Ausstrahlwinkel 120°
- Mit Netzteil
- Dimmbar 1-10V
- Mit Aufhängeöse
- Inkl. Zuleitung 1,5 m
- IKo8
- IP65
- Gewicht 3 kg

- LED High Bay
- System power 200/150/120W switchable
- 4000K, CRI80, 220-240VAC, 50/60Hz
- Beam angle 120°
- With power supply
- Dimmable 1-10V
- With suspension eye
- Incl. supply cable 1,5 m
- IKo8
- IP65
- Weight 3 kg

Leistung einstellbar
Power adjustable

- 60%
- 80%
- 100%



193
lm/W



Einfache Montage
Präsenzmelder oder
Casambi Wireless Modul
Easy mounting of the
microwave motion sensor
or Casambi Wireless Modul

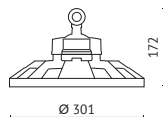
HBN +
HBN-HALT1



HBN
LED Hallenleuchte mit Aufhängeöse
LED High Bay with suspension eye

Leistung umschaltbar
Power switchable

220-240VAV/50-60Hz / IP65 / IK08 / CRI >80
Dimmbar 1-10V | Dimmable 1-10V



Ø301*H172 mm	122 W	162 W	198 W
4000 K \angle 90° HBN-200NW2D	24260 lm	31712 lm	38116 lm
4000 K \angle 120° HBN-200NW2DF	23470 lm	31034 lm	37043 lm

Zubehör | Accessories

Haltebügel für Decken und Wandmontage
Bracket applied to surface mounted, sidewall mounted



HBN-HALT
Starr | Fixed
196*150*56 mm



HBN-HALT1
90° drehbar | 90° rotatable
196*150*56 mm

Reflektoren
Reflectors



HBN-RM02
65°, Ø480*H260mm
Aluminium, schwarz
Aluminium, black



HBN-RPC
PC
Ø421*H165 mm

Kettenaufhängung (Edelstahl)
Safety chain (stainless steel)



HBN-K
L. 500 mm

Linsenaufsatz 90° | Lens beam 90°



HBN-L90
Transparent | Transparent
Für | For HBN-200

Casambi Wireless Modul



HBN-CM

- Ø52*H20 mm
- Steuerbar über App
- Erfassungsbereich
- Tageslicht-Sensor
- Stand-by-Dimmstufe
- Stand-by-Zeit
- Haltezeit
- Input 12-24Vdc, output 1-10V
- Controllable via app
- Detection Area
- Daylight Sensor
- Stand-by dimming level
- Stand-by period
- Hold Time
- Input 12-24Vdc, output 1-10V

Präsenzmelder
Motion sensor



HBN-S

Ø52*H20 mm
HF Bewegungssensor
Microwave motion sensor



HBN-S1

Ø61*H28 mm
Infrarot Bewegungssensor
PIR Sensor



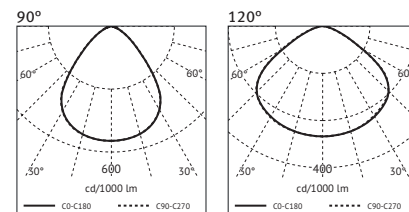
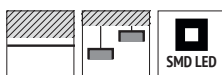
Fernbedienung für Sensor Module
Sensor remote controller for sensors



HBN-FBS

Inkl. 2x 1,5 AAA Batterien
Incl. 2x 1,5 AAA batteries

IP65
● Schwarz | Black



PACD ECOLINE ML



- LED Feuchtraum-Wannenleuchte
- Gehäuse aus glasfaserverstärktem Polyester
- Abdeckung opal oder geperlt aus PMMA, 3-teilige Edelstahlklammern, Kabeleinführung stirn- und deckenseitig
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- ENEC / VDE Prüfzeichen
- Nachhaltig durch austauschbares LED Modul
- Varianten mit 2-fach Multilumen-Funktion und DALI
- Werkseitig auf höheren Lumenwert eingestellt
- Hohe LED-Lebensdauer 50.000 h bei L80/B10
- MacAdam 3
- Geeignet für Anbau-, Tragschienen- oder Pendel-Montage
- Schnellmontage-Befestigungsclips und hochwertige Verschlüsse aus Edelstahl (V2A)
- D-Zeichen, geeignet für Räume mit erhöhter Brandgefahr

Auf Anfrage

- Durchgangsverdrahtung
- BASIC Variante mit reduzierter Anschlussleistung
- Mit 3h Notlicht

- LED waterproof luminaire
- Body of fiberglass-reinforced polyester
- Cover opal or pearled made of PMMA, stainless steel clips, cable entry front-end and on the reverse
- Protection rating: IP65
- Protection class: I
- Built-in electronic power supply
- ENEC / VDE test mark
- Sustainable due to replaceable LED module
- Variants with 2-fold multilumen function and DALI
- Factory set for higher lumen value
- Long LED life time 50,000 h for L80/B10
- MacAdam 3
- Suitable for surface, trunking or pendant mounting
- Quick mounting brackets and high-quality clips made of stainless steel (V2A)
- Mark D, suitable for rooms with increased fire risk

On request

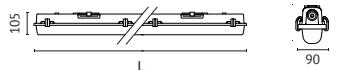
- Through-wiring
- BASIC version with less wattage
- With 3h emergency light



120lm/W

PACD ECOLINE
 LED Feuchtraum-Wannenleuchte mit Multiwatt-Netzteil und Multilumen-Funktion
 LED waterproof luminaire with multiwatt power supply and multilumen function

∆ 120° / 220-240V/50-60Hz / IP65 / IK03 / L/B = L80/B10 / MacAdam3 / CRI >80



		L660 x B/W90 x H105 mm	
Opale Acrylwanne		10 W	17 W*
4000 K	PACD-17NWO	1500 lm	2300 lm

*Werkseitig auf höheren Lumenwerte eingestellt
 *Factory set for higher lumen value

		L1220 x B/W90 x H105 mm	
Opale Acrylwanne		19 W	33 W*
4000 K	PACD-33NWO	2800 lm	4600 lm
DALI			
4000 K	PACD-33NWO-DD	2800 lm	4600 lm

		Acrylglaswanne innen gepert	
		19 W	33 W*
4000 K	PACD-33NWG	3200 lm	5100 lm
DALI			
4000 K	PACD-33NWG-DD	3200 lm	5100 lm

		L1520 x B/W90 x H105 mm	
Opale Acrylwanne		25 W	43 W*
4000 K	PACD-43NWO	3700 lm	5900 lm
DALI			
4000 K	PACD-43NWO-DD	3700 lm	5900 lm

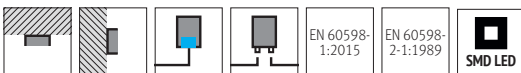
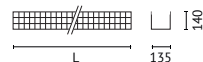
		Acrylglaswanne innen gepert	
		25 W	43 W*
4000 K	PACD-43NWG	4000 lm	6400 lm
DALI			
4000 K	PACD-43NWG-DD	4000 lm	6400 lm

Zubehör | Accessories

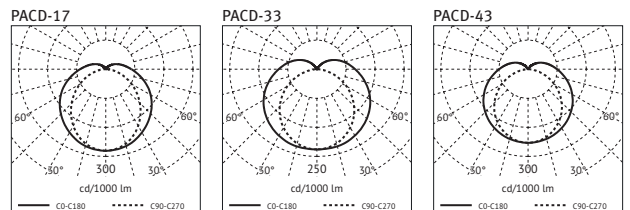


Drahtschutzgitter | Protective grid box

G-PACD1305	G-PACD1605
L1305 mm	L1605 mm
für/for PACD-33	für/for PACD-43



○ Weiß | White





- LED Feuchtraum Anbauleuchte
- Klassisch kantiges Design
- Nachhaltig durch Zhaga-konformes LED Modul, austauschbar
- Prädestiniert für den Einsatz in rauen Umgebungen
- Wanne aus UV-beständigem Polymethylmethacrylat (PMMA)
- Hohe LED-Lebensdauer 50.000 h bei L80/B10
- MacAdam 3
- Umgebungstemperatur: -20°C bis +25°C
- Alterungsbeständige PU-Dichtung
- Halogenfreie Verdrahtung
- Schutzart: IP54
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- DALI
- Mit 3h Notlichteinheit
- HF Sensor (Master/Slave)

- LED damp proof surface mounted luminaire
- Classic angular design
- Sustainable due to Zhaga-compliant LED module, replaceable
- Predestined for use in harsh environments
- Diffuser made of UV-resistant polymethyl methacrylate (PMMA)
- Long LED lifetime 50.000 h at L80/B10
- MacAdam 3
- Ambient temperature: -20°C to +25°C
- Aging resistant PU gasket
- Halogen free wiring
- Protection class: IP54
- Protection class: I
- Integrated electronic power supply

On request

- DALI
- With 3h emergency lighting unit
- HF Sensor (Master/Slave)



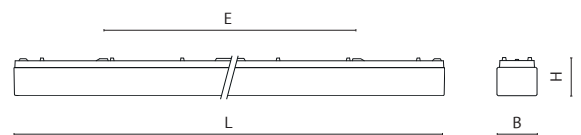
ALSF
 LED Feuchtraum Anbauleuchte
 LED surface mounted luminaire
 ⚡ 140° / 220-240V / UGR<22 / CRI>80

L1260 x H95 x B/W105 mm	43 W
4000 K ○ ALSF-LED-1260NW-B	4900 lm
3000 K ○ ALSF-LED-1260WW-B	4800 lm

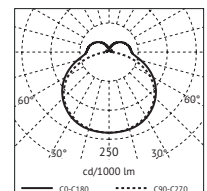
Lochabstand Befestigung (E): 740mm

L1560 x H95 x B/W105 mm	46 W
4000 K ○ ALSF-LED-1560NW-B	5500 lm
3000 K ○ ALSF-LED-1560WW-B	5500 lm

Lochabstand Befestigung (E): 850mm



○ Weiß | White





- Feuchtraum-Rohrleuchte
- Satiniertes Rohr (schlagfest IK 07) aus Polycarbonat, herausnehmbarer Geräteträger, zwei Enddeckel mit Kabeleinführung bzw. Blindverschluss
- Die Leuchte ist mit einer M20 Kabeleinführungen ausgestattet
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- Wir empfehlen die Verwendung eines Verbindungssystems mit einem Schutzgrad höher als oder gleich wie der Schutzgrad der Leuchte

Auf Anfrage

- DALI
- Mit starren oder schwenkbaren Befestigungswinkeln
- Zweite Kabelverschraubung

- Waterproof LED tube light
- Frosted polycarbonate tube (impact-resistant IK 07), removable lighting insert, two plastic end caps with cable gland or blind plugs in plastics
- The luminaire is equipped with one M20 cableglands
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

On request

- DALI
- With fixed or adjustable mounting bracket
- Second cable gland

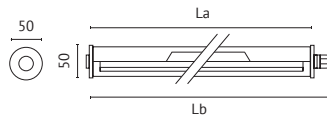


LED Feuchtraum-Rohrleuchte | LED Waterproof LED tube light
220÷240V / IK07

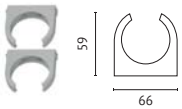
Opales Rohr | Opal tube

La = 1260 mm, Lb = 1290 mm 30 W

6500 K	LRON-33CWF	CRI >90	2939 lm
4000 K	LRON-33NWF	CRI >80	3200 lm
3000 K	LRON-33WWF	CRI >80	3070 lm
2700 K	LRON-33SWF	CRI >80	2939 lm



Zubehör | Accessories



Montageset | Mounting set

Z-LR1

Für Anbaumontage
For surface mounted
installation



Z-LR2

2000 mm Länge | Length
Für Pendelmontage
For pendant installation



Z-LRON

Für Anbaumontage,
Edelstahl
For surface mounted
installation, Stainless steel



Längsverbinder | Connector

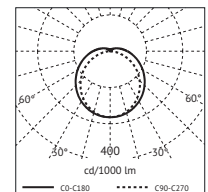
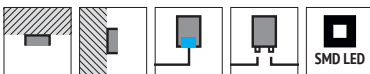
Z-VERIP-L2

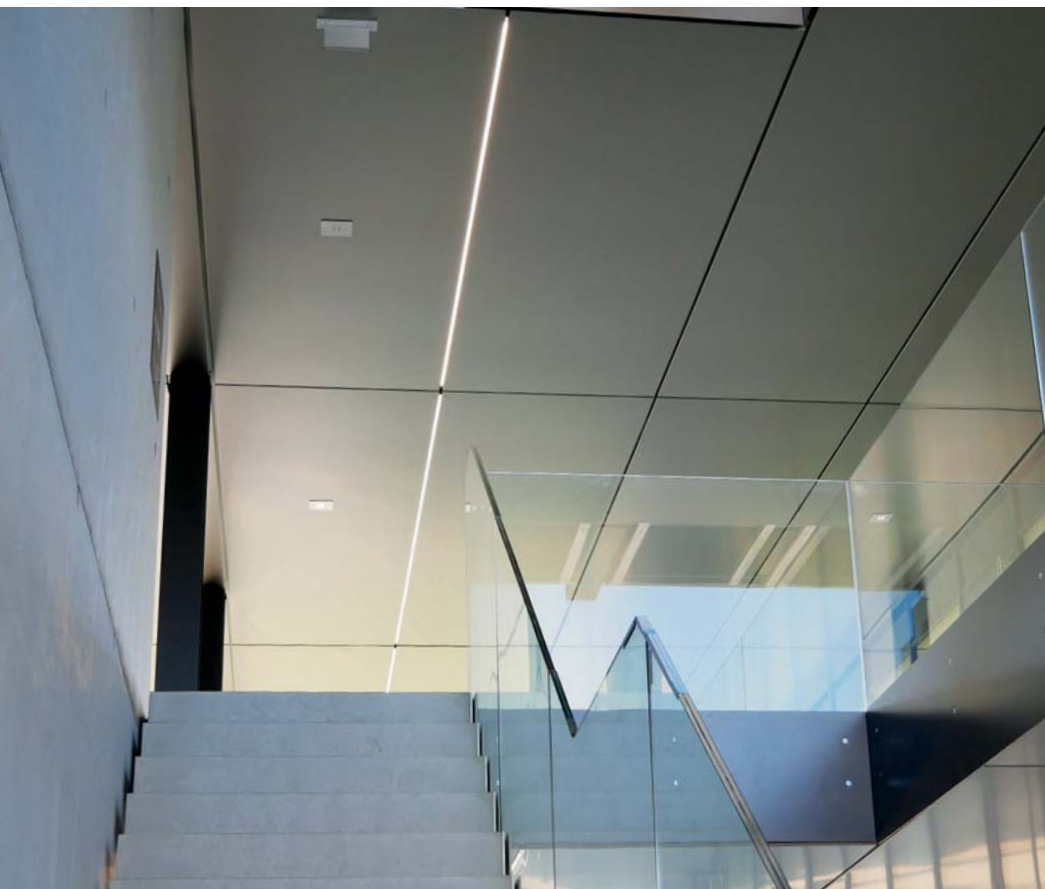
Längsverbinder für 3 poliges
Kabel IP68 (ø5,5÷12mm Kabel)
2 way connector with 3 pin IP68
(ø5,5÷12 mm cable)



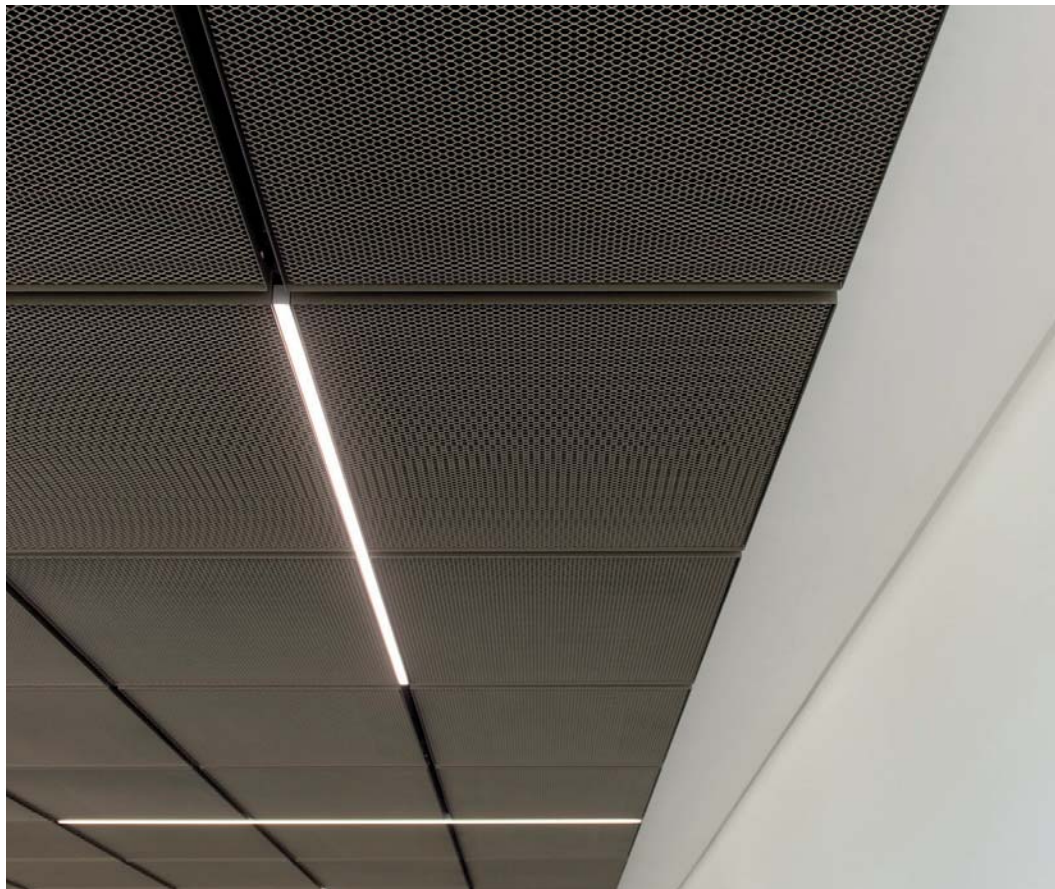
Z-VERIP-DLH2O

Doppelter Längsverbinder für 3 poliges
Kabel IP68 (ø 7÷12 mm Kabel)
3/4 way connector with 3 pin IP68
(ø7÷12 mm cable)





<p>CAPLED P</p>  <p>216</p>	<p>PROMLED P</p>  <p>217</p>	<p>PINLED P</p>  <p>218</p>	<p>CAL</p>  <p>219</p>	<p>PEA</p>  <p>220</p>	<p>PEI</p>  <p>221</p>
<p>FLEXY</p>  <p>226</p>	<p>FLEXY IP RGBW IP</p>  <p>229</p>	<p>NEON</p>  <p>229</p>	<p>RGB</p>  <p>230</p>	<p>RGBW</p>  <p>230</p>	<p>Tunable White</p>  <p>231</p>
 <p>366</p>					



Profile | Profiles

Übersicht Summary	214
CAPLED P	216
PROMLED P	217
PINLED P	218
CAL	219
PEA	220
PEI	221

LED Lichtbänder | LED lighting strips

Übersicht Summary	222
IP20	226
IP67/ IP65/ IP54	229
NEON IP67/ IP66	229
RGB	230
RGBW	230
TUNABLE WHITE	231

Lichtsteuerung | Light control

CASAMBI	366
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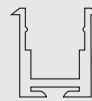
CAPLED P

Siehe Seite 216 | See page 216



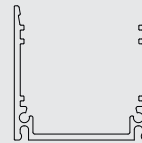
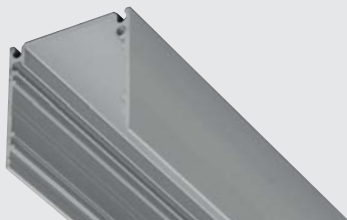
PROMLED P

Siehe Seite 217 | See page 217



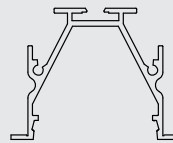
PINLED P

Siehe Seite 218 | See page 218



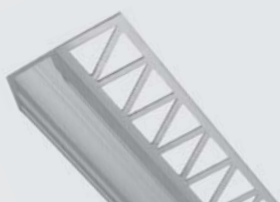
CAL

Siehe Seite 219 | See page 219



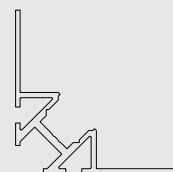
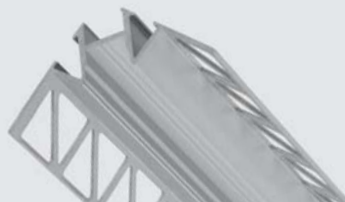
PEA

Siehe Seite 220 | See page 220



PEI

Siehe Seite 221 | See page 221



PEI-10



PEA-10



In Feuchträumen sowie im Außenbereich sollten ummantelte, wasserdichte IP LED Streifen (siehe Seite 225) verwendet werden, bzw. muss das Profil mit Silikon abgedichtet werden.
In damp rooms as well as outdoors, waterproof IP LED strips (see page 225) should be used or the profile must be sealed with silicone.

- Lineares Profil für LED aus stranggepresstem Aluminium
- Einclipbare Abdeckungen (opal, satiniert oder klar) aus PMMA zur Anwendung als Lichtleiste
- L2020 oder L6020 mm, individuelle Profillänge ab Werk möglich (Gehrung bauseits)
- Modulare Zusammensetzung möglich
- Für LED Leuchtstreifen mit einer Breite von max. 10 mm

- Linear profile for LED made of extruded aluminum
- Clip-in covers (opal, satin or clear) made of PMMA for use as light strip
- L2020 or L6020 mm, individual profile length possible ex works (miter on site)
- Modular composition possible
- For LED light strips with a width of max. 10 mm



- Lineares U-Profil für LED aus stranggepresstem Aluminium mit Befestigungsnut
- Erhältlich als Anbau und als Einbaukanal
- Einclipbare Abdeckungen (opal oder klar) aus PMMA zur Anwendung als Leuchtstreifen
- L2020 oder L6020 mm, individuelle Profillänge ab Werk möglich (Gehrung bauseits)
- Modulare Zusammensetzung möglich
- Für LED Leuchtstreifen mit einer Breite von max. 12 mm

- Linear U-profile for LED made of extruded aluminum with mounting groove
- Available as surface mount and recessed channel
- Clip-in covers (opal or clear) made of PMMA for use as light strips
- L2020 or L6020 mm, individual profile length possible ex works (miter on site)
- Modular composition possible
- For LED light strips with a width of max. 12 mm



- Lineares U-Profil für LED aus stranggepresstem Aluminium
- Einclipbare opale Abdeckung aus PMMA
- L2020 oder L5020 mm, individuelle Profillänge ab Werk möglich (Gehrung bauseits)
- Modulare Zusammensetzung möglich

- Extruded aluminum linear U-profile for LED
- Clip-in opal cover made of PMMA
- L2020 or L5020 mm, individual profile length possible ex works (miter on site)
- Modular composition possible



- Lineares U-Profil für LED aus eloxiertem stranggepresstem Aluminium
- Einclipbare opale Abdeckung aus PMMA
- Für Decken und Wände aus Gipskarton
- L2020 oder L6020 mm, individuelle Profillänge ab Werk möglich (Gehrung bauseits)
- Befestigung mittels Montagefedern (nicht im Lieferumfang des Profils enthalten)
- Für LED Leuchtstreifen mit einer Breite von max. 12 mm

- Linear U-profile for LED made of anodized extruded aluminum
- Clip-in opal cover made of PMMA For plasterboard ceilings and walls
- L2020 or L6020 mm, individual profile length possible ex works (miter on site)
- Mounting by springs (not included in the delivery of the profile)
- For LED light strips with a width of max. 12 mm



- Lineares Fliesen-Profil für LED aus eloxiertem stranggepresstem Aluminium
- Einclipbare opale Abdeckung aus PMMA
- L3020 mm, individuelle Profillänge ab Werk möglich (Gehrung bauseits)
- Für LED Leuchtstreifen mit einer Breite von max. 10 mm (PEI-10/PEA-10) max. 12 mm (PEI-12/PEA-12)

- Linear tile profile for LED made of anodized extruded aluminum
- Clip-in opal cover made of PMMA
- L3020 mm, individual profile length possible ex works (miter on site)
- For LED light strips with a width of max. 10 mm (PEI-10/PEA-10) max. 12 mm (PEI-12/PEA-12)



Profile | Profiles

CAPLED P

In Feuchträumen sowie im Außenbereich sollten ummantelte, wasserdichte IP LED Lichtstreifen (siehe Seite 225) verwendet werden, bzw. muss das Profil mit Silikon abgedichtet werden.

In damp rooms as well as outdoors, waterproof IP LED strips (see page 225) should be used or the profile must be sealed with silicone.



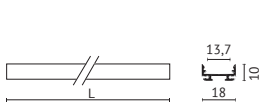
Anbauprofil

CAP-P-2

L= 2020 mm*

CAP-P-6

L= 6020 mm*



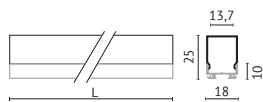
Abdeckung eckig, opal

CAP-A-20

L= 2020 mm*

CAP-A-60

L= 6020 mm*



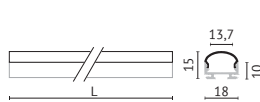
Abdeckung rund, opal

CAP-A-20R

L= 2020 mm*

CAP-A-60R

L= 6020 mm*



Abdeckung rund, klar

CAP-A-2K

L= 2020 mm*

CAP-A-6K

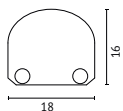
L= 6020 mm*



Enddeckel geschlossen, rund
End cap closed, round

CAP-EKR7

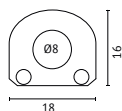
Inkl. Schrauben



Enddeckel mit Kabelöffnung, rund
End cap with cable hole, round

CAP-EKRO7

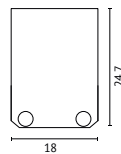
Inkl. Schrauben und Gummitülle



Enddeckel geschlossen, eckig
End cap closed, square

CAP-EKE7

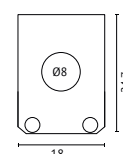
Inkl. Schrauben



Enddeckel mit Kabelöffnung, eckig
End cap with cable hole, square

CAP-EKE07

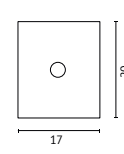
Inkl. Schrauben und Gummitülle



Montageclip zur Befestigung (Silber)
Mounting clip (silver)

CAP-C

1 Stück



● Aluminium

*Individuelle Profillänge möglich

PROMLED P

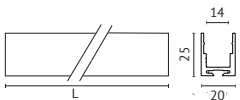
Bei Verwendung von Zubehör für LED Lichtstreifen in Verbindung mit Aluschienen auf die Baubreite achten! Z.B. Verbinder usw.
In Feuchträumen sowie im Außenbereich sollten ummantelte, wasserdichte IP LED Lichtstreifen (siehe Seite 225) verwendet werden, bzw. muss das Profil mit Silikon abgedichtet werden.

When using accessories for LED light strips in connection with aluminum rails, pay attention to the construction width! E.g. connectors etc.
In damp rooms as well as outdoors, waterproof IP LED strips (see page 225) should be used or the profile must be sealed with silicone.



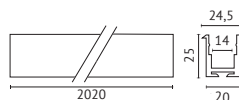
Anbauprofil

- **PUR-P-2** ● **PUR-P-6**
- L= 2020 mm* L= 6020 mm*



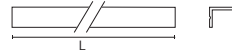
Einbauprofil

- **PROE-P-2N** ● **PROE-P-6N**
- L= 2020 mm* L= 6050 mm*



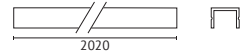
Abdeckung opal

- PRO-A-20** **PRO-A-60**
- L= 2020 mm* L= 6020 mm*



Abdeckung klar

- PRO-A-2K**
- L= 2020 mm*



Enddeckel, geschlossen
● **PUR-EKE7***
Inkl. Schrauben

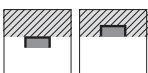


Enddeckel, mit Kabelöffnung
● **PUR-EKEO7****
Inkl. Schrauben und Gummitülle



Halterung Set
● **PROE-HALT**
Für Deckenmontage

**Nur für PUR-P-X verwendbar



- Aluminium
- Verzinkt

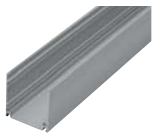
*Individuelle Profillänge möglich

Profile | Profiles

PINLED P

In Feuchträumen sowie im Außenbereich sollten ummantelte, wasserdichte IP LED Lichtstreifen (siehe Seite 225) verwendet werden, bzw. muss das Profil mit Silikon abgedichtet werden.

In damp rooms as well as outdoors, waterproof IP LED strips (see page 225) should be used or the profile must be sealed with silicone.



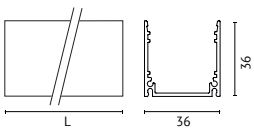
Anbauprofil | Mounting profile

PIN-P-2

L= 2020 mm*

PIN-P-5

L= 5000 mm*



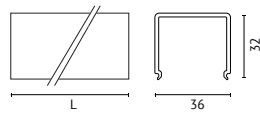
Abdeckung eckig, opal | Square cover, opal

PIN-A-20Q

L= 2020 mm*

PIN-A-50Q

L= 5000 mm*



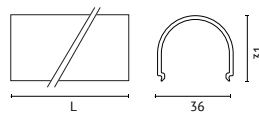
Abdeckung rund, opal | Round cover, opal

PIN-A-20R

L= 2020 mm*

PIN-A-50R

L= 5000 mm*



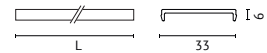
Abdeckung flach, opal | Flat cover, opal

PIN-A-20

L= 2020 mm*

PIN-A-50

L= 5000 mm*



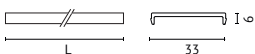
Abdeckung flach, Alu
Flat cover, aluminum

PIN-A-2

L= 2020 mm*

PIN-A-5

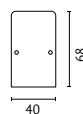
L= 5000 mm*



Endkappe, eckig
End cap, angled

PIN-EKE7

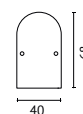
Inkl. Schrauben
Incl. screws



Endkappe, rund
End cap, round

PIN-EKR7

Inkl. Schrauben und Gummimitlle
Incl. screws and rubber sleeve



Endkappe, quadratisch
End cap, angled

PIN-EK7

1 Stück | 1 piece



● Aluminium

*Individuelle Profillänge möglich | Individual profile lengths

CAL

Bei Verwendung von Zubehör für LED Lichtstreifen in Verbindung mit Aluschienen auf die Baubreite achten! Z.B. Verbinder usw.
In Feuchträumen sowie im Außenbereich sollten ummantelte, wasserdichte IP LED Lichtstreifen (siehe Seite 225) verwendet werden, bzw. muss das Profil mit Silikon abgedichtet werden.

When using accessories for LED light strips in connection with aluminum rails, pay attention to the construction width! E.g. connectors etc.
In damp rooms as well as outdoors, waterproof IP LED strips (see page 225) should be used or the profile must be sealed with silicone.

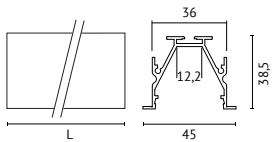


Auf Anfrage mit LED-Platinen
On request with LED boards



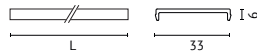
Einbauprofil | Recessed mounted profile

- CAL-P-2 L= 2020 mm*
- CAL-P-5 L= 5020 mm*



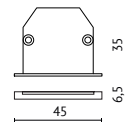
Abdeckung flach, opal | Opal cover flat

- PIN-A-20 L= 2020 mm*
- PIN-A-50 L= 5020 mm*



Enddeckel | End cap

- CAL-END
- Inkl. Schrauben | Incl. screws

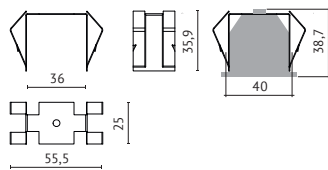


Deckeinaußmaß
Ceiling recessed dimension
B/W: 40 mm

Montagefeder | Spring

CAL-MF

Inkl. Vierkantschraube und Linsenkopfschraube, Bedarf in Rigips: 1 Stk pro 100 cm. Federstahl. Geeignet für eine Einbaudecke bis max. 20 mm Deckenstärke
Incl. square nut and pan-head screw, required in plasterboard: 1 piece per 100 cm. Spring steel. Suitable for a recessed ceiling up to max. 20 mm ceiling thickness



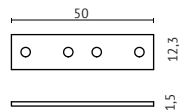
- Aluminium
- Verzinkt | Galvanized



Längsverbinder | Linear connector

● CAL-LV

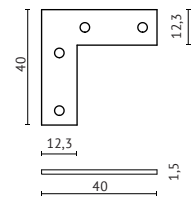
Inkl. 2x Arretierstifte und 4x Madenschrauben
Incl. 2x locking pins and 4x grub screws



Eckverbinder 90° | L-connector 90°

● CAL-EV

Inkl. 4x Madenschrauben
Incl. 4x grub screws



*Individuelle Profillänge möglich | Individual profile lengths

Profile | Profiles

PEA

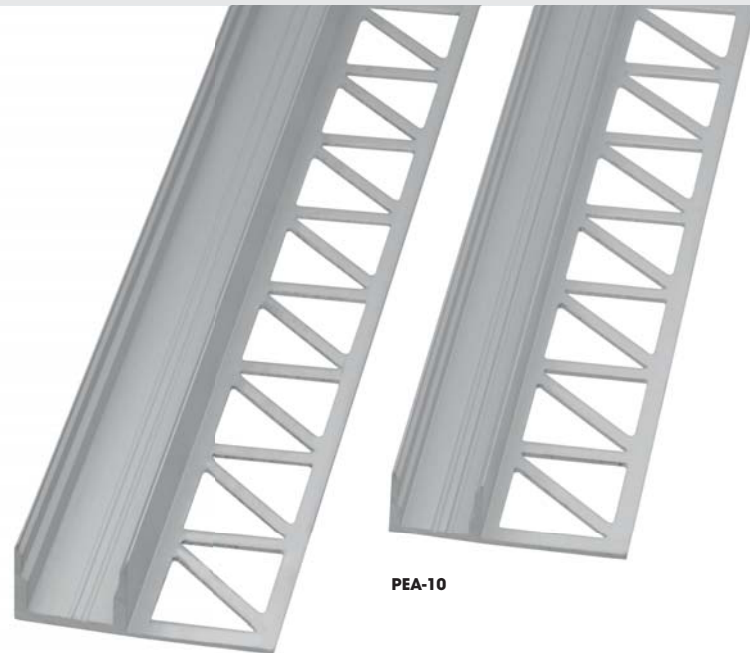
Bei Verwendung von IP Leuchtbänder muss das größere Profil **PEI-12** verwendet werden, damit die Abdeckung PEK montiert werden kann.

Bei Verwendung von Zubehör für LED Lichtstreifen in Verbindung mit Aluschienen auf die Baubreite achten! Z.B. Verbinder usw.

In Feuchträumen sowie im Außenbereich sollten ummantelte, wasserdichte IP LED Lichtstreifen (siehe Seite 225) verwendet werden, bzw. muss das Profil mit Silikon abgedichtet werden.

When using IP light strips, the larger **PEI-12** profile must be used so that the PEK cover can be mounted.

When using accessories for LED light strips in connection with aluminum rails, pay attention to the construction width! E.g. connectors etc. In damp rooms as well as outdoors, waterproof IP LED strips (see page 225) should be used or the profile must be sealed with silicone.



PEA-12

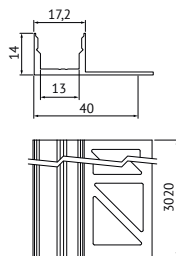
PEA-10

Fliesen-Profil | Linear profile

● PEA-12-5

L= 3020* mm

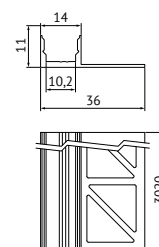
Für LED Stripes bis B12 mm
For LED stripes up to W12 mm



● PEA-10-5

L= 3020* mm

Für LED Stripes bis B10 mm
For LED stripes up to W10 mm

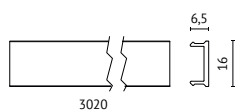


Abdeckung, opal 12 mm | Opal cover 12 mm

PEK-12-5

L= 3020 mm

Für PEI-12-5 und PEA-12-5
For PEI-12-5 and PEA-12-5



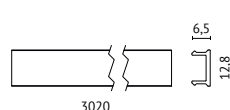
● Aluminium

Abdeckung, opal 10 mm | Opal cover 10 mm

PEK-10-5

L= 3020 mm

Für PEI-10-5 und PEA-10-5
For PEI-10-5 and PEA-10-5



*Individuelle Profillänge möglich | Individual profile lengths

PEI

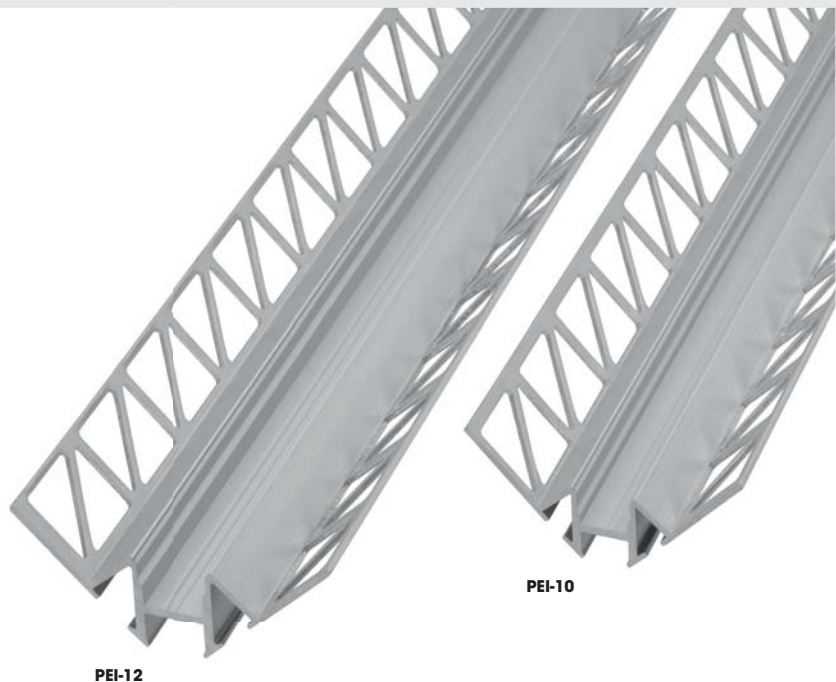
Bei Verwendung von IP Leuchtbänder muss das größere Profil **PEI-12** verwendet werden, damit die Abdeckung PEK montiert werden kann.

Bei Verwendung von Zubehör für LED Lichtstreifen in Verbindung mit Aluschienen auf die Baubreite achten! Z.B. Verbinder usw.

In Feuchträumen sowie im Außenbereich sollten ummantelte, wasserdichte IP LED Lichtstreifen (siehe Seite 225) verwendet werden, bzw. muss das Profil mit Silikon abgedichtet werden.

When using IP light strips, the larger **PEI-12** profile must be used so that the PEK cover can be mounted.

When using accessories for LED light strips in connection with aluminum rails, pay attention to the construction width! E.g. connectors etc. In damp rooms as well as outdoors, waterproof IP LED strips (see page 225) should be used or the profile must be sealed with silicone.



PEI-12

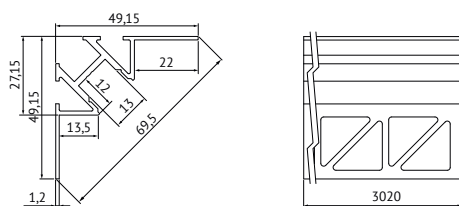
PEI-10

Fliesen-Profil Ecke innen | Profile for corner

● PEI-12-5

L= 3020* mm

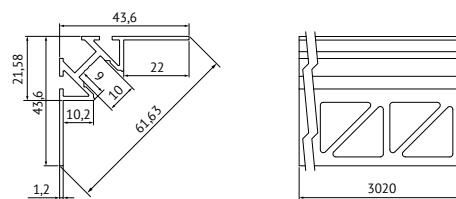
Für LED Stripes bis B12 mm



● PEI-10-5

L= 3020* mm

Für LED Stripes bis B10 mm

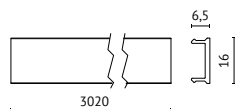


Abdeckung, opal 12 mm | Opal cover 12 mm

PEK-12-5

L= 3020 mm

Für PEI-12-5 und PEA-12-5
For PEI-12-5 and PEA-12-5

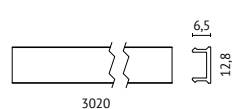


Abdeckung, opal 10 mm | Opal cover 10 mm

PEK-10-5

L= 3020 mm

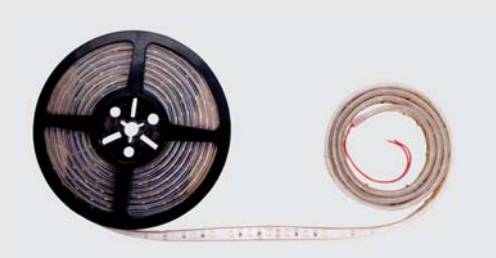
Für PEI-10-5 und PEA-10-5
For PEI-10-5 and PEA-10-5



● Aluminium

*Individuelle Profillänge möglich | Individual profile lengths

FLEXY FLEXY CSP ^N



Warm- bis kaltweiß

- Flexibles LED-Lichtband
- Schutzart: IP20
- Schutzklasse: III
- Zur Konturenbeleuchtung von geraden oder gebogenen Formen
- Maximal 5,0 Meter per Rolle
- Minimaler Biegeradius 30 mm
- Teilbar alle 20 mm (FLEXY8-2000), alle 25 mm (FLEXY-1400), alle 50 mm (FLEXY2-800, FLEXY-700) oder alle 100 mm (FLEXY1-350, FLEXY-350)
- Rückseite mit 3M Klebeband
- Lieferung als 5,0 Meter Rolle mit einseitig konfektionierten Anschlusslitzen
- Installation: externes 24V Netzteil erforderlich

Artikel und Zubehör siehe Seite 226 - 228

FLEXY IP FLEXY CSP IP ^N FLEXY RGBW IP ^N NEON



Schutz vor Wasser & Feuchtigkeit

- Flexibles LED-Lichtband
- Schutzart: IP54, IP66, IP67
- Schutzklasse: III
- Zur Konturenbeleuchtung von geraden oder gebogenen Formen
- Maximal 5,0 Meter an einem Strang
- Minimaler Biegeradius 30 mm
- Teilbar alle 50 mm (FLEXYIP-800, FLEXYIP9-700), alle 100 mm (FLEXYIP-400), alle 25 mm (FLEXYIP10-1400)
- Rückseite mit 3M Klebeband (außer FLEXYIP9)
- Vergossen
- Lieferung als 5,0 Meter Rolle mit einseitig konfektionierten Anschlusslitzen
- Installation: externes 24V Netzteil erforderlich

Artikel und Zubehör siehe Seite 227 und 229

FLEXY RGB FLEXY RGBW FLEXY RGBW IP ^N FLEXY TUNABLE WHITE



Farbeffekte

- Flexibles LED-Lichtband
- Schutzart: IP20
- Schutzklasse: III
- Zur Konturenbeleuchtung von geraden oder gebogenen Formen
- Maximal 5,0 Meter an einem Strang
- Minimaler Biegeradius 30 mm
- Kürzbar alle 100 mm
- Selbstklebend
- Lieferung als 5,0 Meter Rolle mit einseitig konfektionierten Anschlusslitzen
- Installation: externes 24V Netzteil erforderlich

Artikel und Zubehör siehe Seite 230 - 231

Warm to cool white

- Flexible LED light strip
- Protection class: IP20
- Protection class: III
- For contour illumination of straight or curved shapes
- Maximum 5,0 meters on one reel
- Minimum bending radius 30 mm
- Cutting at every 20 mm (FLEXY8-2000), every 25 mm (FLEXY-1400), every 50 mm (FLEXY2-800, FLEXY-700) or every 100 mm (FLEXY1-350, FLEXY-350)
- Backside with 3M adhesive tape
- Supplied as a 5,0 meter reel with connection leads assembled on one side
- Installation: external 24V power supply required

See page 226 - 228 for articles and accessories



Protection from water & humidity

- Flexible LED strip light
- Protection class: IP54, IP66, IP67
- Protection class: III
- For contour illumination of straight or curved shapes
- Maximum 5,0 meters on one reel
- Minimum bending radius 30 mm
- Cutting at every 50 mm (FLEXYIP-800, FLEXYIP9-700), every 100 mm (FLEXYIP-400), every 25 mm (FLEXYIP10-1400)
- Backed with 3M adhesive tape (except FLEXYIP9)
- Cast in silicone
- Supplied as a 5,0 meter reel with connection leads terminated on one side
- Installation: external 24V power supply required

See page 227 und 229 for articles and accessories



Light color effects

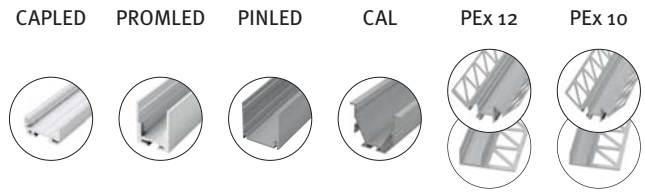
- Flexible LED strip light
- Protection class: IP20
- Protection class: III
- For contour illumination of straight or curved shapes
- Maximum 5,0 meters on one reel
- Minimum bending radius 30 mm
- Cutting at every 100 mm
- Self-adhesive
- Supplied as a 5,0 meter reel with connection leads terminated on one side
- Installation: external 24V power supply required

See page 230 - 231 for articles and accessories





Kompatibilität | Compatibility



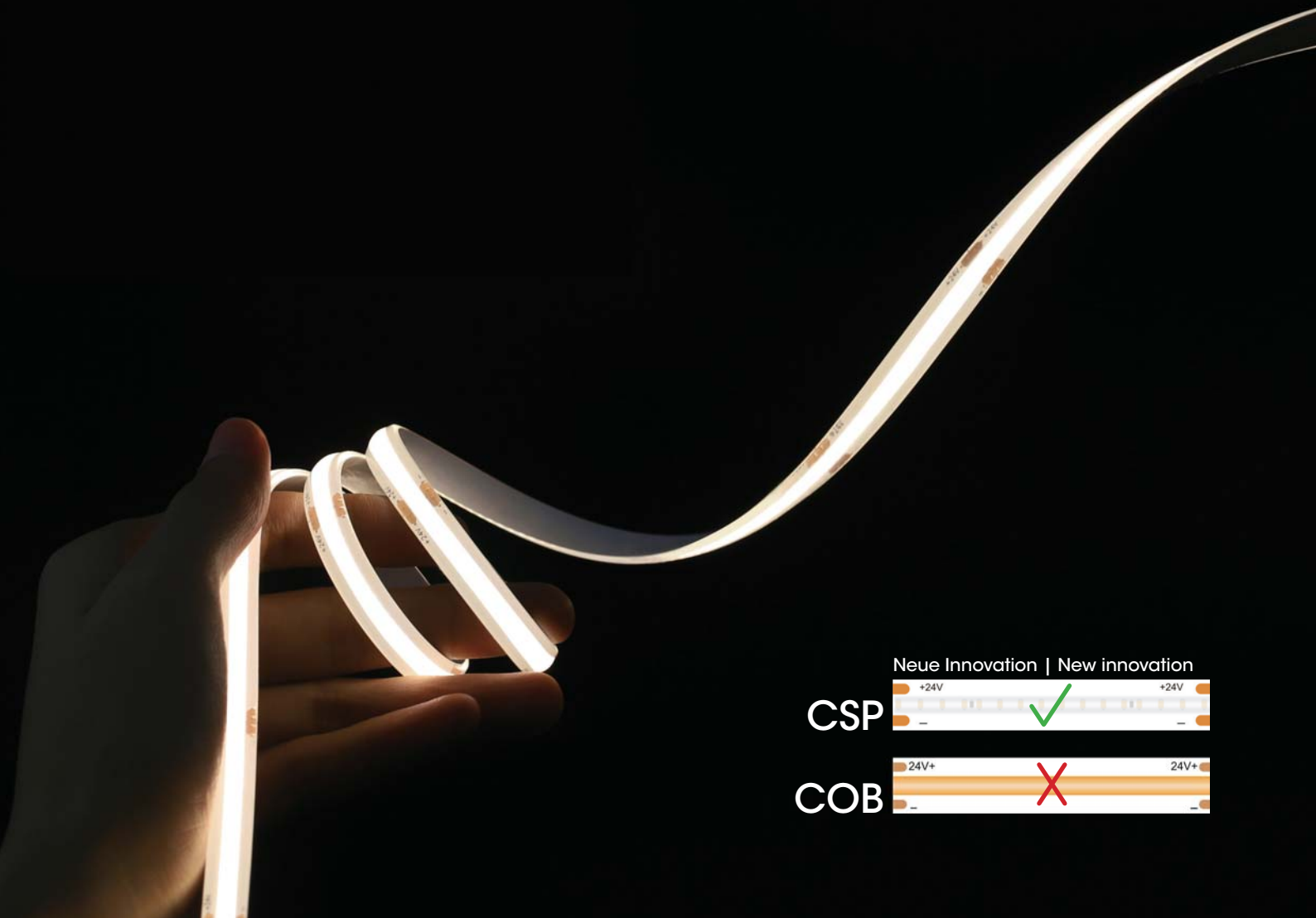
	W/m	CCT	IP	B/W	CAPLED	PROMLED	PINLED	CAL	PEx 12	PEx 10
FLEXY6-1200SSWSCW	14,4	Tunable White 2500 - 6500 K	20	10 mm	x	x	x	x	x	x
FLEXY1-300RGBW	19,2	RGB+W 3000K	20	12 mm	-	x	x	x	x	x
FLEXY1-300RGB	14,4	RGB	20	10 mm	x	x	x	x	x	x
FLEXYC-320	10	2700/3000/4000 K	20	8 mm	x	x	x	x	x	x
FLEXY8-2000	14,4/9,6	2700/3000/4000 K	20	8 mm	x	x	x	x	x	x
FLEXY-700	9,6	2700/3000/4000 K	20	8 mm	x	x	x	x	x	x
FLEXY-1400	19,2	2700/3000/4000 K	20	10 mm	x	x	x	x	x	x
FLEXY2-800	19,2	2700/3000/4000 K	20	10 mm	x	x	x	x	x	x
FLEXY1-350	14,4	2700/3000/4000 K	20	10 mm	x	x	x	x	x	x
FLEXY-350	4,8	2700/3000/4000 K	20	8 mm	x	x	x	x	x	x



	W/m	CCT	IP	B/W	CAPLED	PROMLED	PINLED	CAL	PEx 12	PEx 10
FLEXYIP1-300RGBW-67	14,4	RGB+W 3000K	67	14 mm	-	-	x	-	-	-
FLEXYCIP	10	2700/3000/4000 K	68	10 mm	x	x	x	x	x	x
FLEXYIP-800	9,6	2700/3000/4000 K	54	10 mm	-	x	x	x	x	x
NEONFLEX FLEXYIP9-700	9,6	2700/3000/4000 K	66	10 mm (H10)	-	x	x	x	x	x
FLEXYIP10-1400	7,2	2700/3000 K	67	12 mm (H3,5)	-	x	x	x	x	x
FLEXYIP-400	14,4	2700/3000/4000 K	67	11,5 mm (H4)	-	x	x	x	x	x

Alle Produkte = CRI>90 (kein CRI bei FLEXY1-300RGB/ FLEXY1-300RGBW/ FLEXYIP1-300RGBW-67)
 All products = CRI>90 (no CRI for FLEXY1-300RGB/ FLEXY1-300RGBW/ FLEXYIP1-300RGBW-67)

FLEXY CSP^N

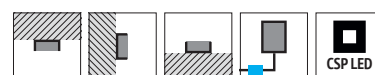


Neue Innovation | New innovation



- Flexibles LED-Lichtband
- Temperaturbeständigkeit max. 65°/min. -20°
- Dimmbar
- Schutzart: IP20 und IP68 (vergossen)
- Schutzklasse: III
- Zur Konturenbeleuchtung von geraden oder gebogenen Formen
- Maximal 5,0 Meter an einem Strang
- Minimaler Biegeradius 30 mm
- Teilbar alle 50 mm
- Rückseite mit 3M Klebeband
- Lieferung als 5,0 Meter Rolle mit einseitig konfektionierten Anschlusslitzen
- Installation: externes 24V Netzteil erforderlich

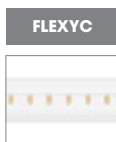
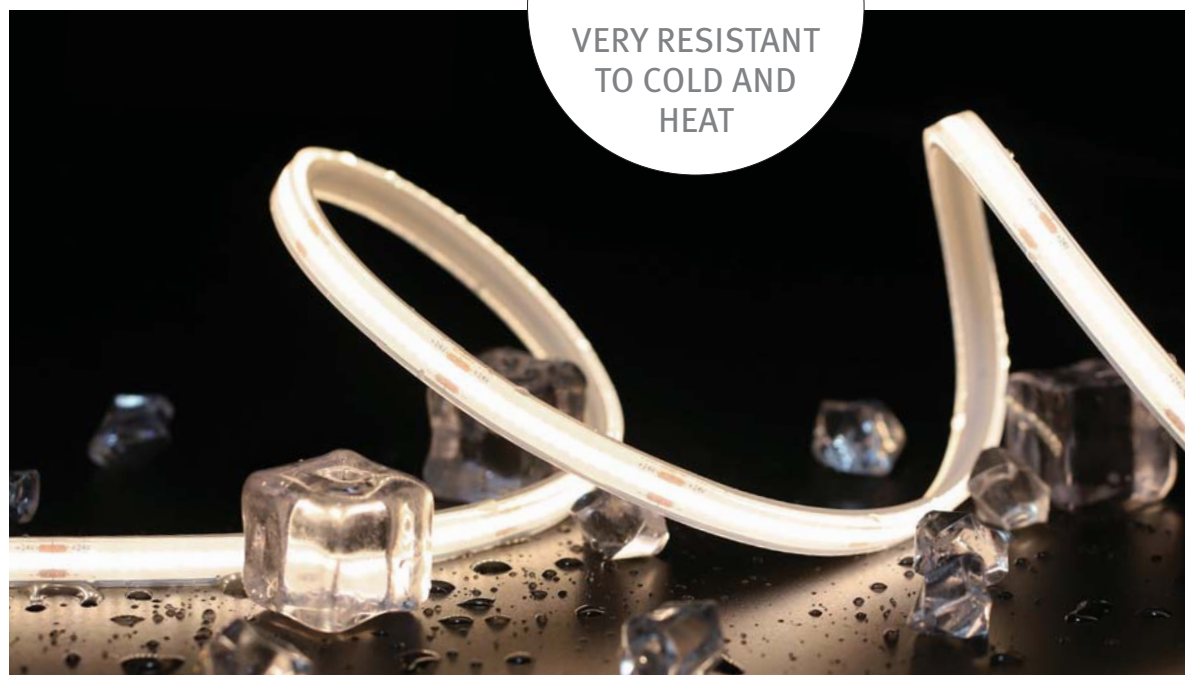
- Flexible LED strip light
- Temperature resistant max. 65°/min. -20°
- Dimmable
- Protection class: IP20 and IP68 (cast in silicone)
- Protection class: III
- For contour illumination of straight or curved shapes
- Maximum 5.0 meters on one reel
- Minimum bending radius 30 mm
- Cutting at every 50 mm
- Backed with 3M adhesive tape
- Supplied as a 5.0 meter reel with connection leads terminated on one side
- Installation: external 24V power supply required





**SEHR
KÄLTE- UND
HITZEBESTÄNDIG**

**VERY RESISTANT
TO COLD AND
HEAT**

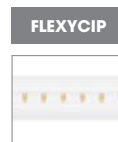


L5000*B8*H2

10 W/M/24Vdc, L5000 mm | IP20 | CRI>90 | BxH 8*2 mm
320 LED/M, 50 Segmente = 32 LED
Kürzbar | Trimmbare: 50 mm (16 LED)

4000 K	FLEXYC-320NW	990 lm/m	
3000 K	FLEXYC-320WW	1012 lm/m	
2700 K	FLEXYC-320SW	910 lm/m	

Rückseite mit 3M Klebeband | Backside with 3M adhesive tape



L5000*B10*H6

10 W/M/24Vdc, L5000 mm | IP67 | CRI>90 | BxH 10*6 mm
320 LED/M, 50 Segmente = 32 LED
Kürzbar | Trimmbare: 50 mm (16 LED)

4000 K	FLEXYCIP-320NW	980 lm/m	
3000 K	FLEXYCIP-320WW	970 lm/m	
2700 K	FLEXYCIP-320SW	960 lm/m	

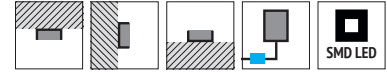
Rückseite mit 3M Klebeband | Backside with 3M adhesive tape

Zubehör (im Lieferung enthalten) | Accessories (included in delivery)

Für FLEXYCIP
10x Befestigungsclips
(Kunststoff) inkl. 20 Schrauben
5x Endkappe mit Loch für
Kabeleingang
5x Endkappe
1x Tube Silikonkleber

For FLEXYCIP
10x mounting clips
(plastic) incl. 20 screws
5x endcap with hole for
cable entry
5x endcap
1x tube of silicone glue





FLEXY-700

9,6 W/M/24Vdc, L5000 mm | IP20 | CRI>90 | B 8 mm
140 LED/M, 100 Segmente = 700 LED
Kürzbar | Trimmable: 50 mm (7 LED)



4000 K	FLEXY-700NW	960 lm/m	
3000 K	FLEXY-700WW	902 lm/m	
2700 K	FLEXY-700SW	893 lm/m	



Rückseite mit 3M Klebeband | Backside with 3M adhesive tape

FLEXY1-350

14,4 W/M/24Vdc, L5000 mm | IP20 | CRI>90 | B 10 mm
70 LED/M, 50 Segmente = 350 LED
Kürzbar | Trimmable: 100 mm (7 LED)



4000 K	FLEXY1-350NW	1152 lm/m	
3000 K	FLEXY1-350WW	1080 lm/m	
2700 K	FLEXY1-350SW	1022 lm/m	



Rückseite mit 3M Klebeband | Backside with 3M adhesive tape

FLEXY8

14,4 W/M/24Vdc, L5000 mm | IP20 | CRI>90 | B 8 mm
400 LED/M, 250 Segmente = 2000 LED
Kürzbar | Trimmable: 20 mm (8 LED)



4000 K	FLEXY8-2000NWN	1296 lm/m	
3000 K	FLEXY8-2000WWN	1282 lm/m	



9,6 W/M/24Vdc

2700 K	FLEXY8-2000SWN	846 lm/m	
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Rückseite mit 3M Klebeband | Backside with 3M adhesive tape

FLEXY2-800

19,2 W/M/24Vdc, L5000 mm | IP20 | CRI>90 | B 10 mm
160 LED/M, 100 Segmente = 800 LED
Kürzbar | Trimmable: 50 mm (8 LED)



4000 K	FLEXY2-800NW	2208 lm/m	
3000 K	FLEXY2-800WW	2112 lm/m	
2700 K	FLEXY2-800SW	2150 lm/m	



Rückseite mit 3M Klebeband | Backside with 3M adhesive tape

FLEXY-1400

19,2 W/M/24Vdc, L5000 mm | IP20 | CRI>90 | B 10 mm
280 LED/M, 200 Segmente = 1400 LED
Kürzbar | Trimmable: 25 mm (7 LED)



4000 K	FLEXY-1400NW	1958 lm/m	
3000 K	FLEXY-1400WW	1862 lm/m	
2700 K	FLEXY-1400SW	1843 lm/m	



Rückseite mit 3M Klebeband | Backside with 3M adhesive tape

FLEXY-350

4,8 W/M/24Vdc, L5000 mm | IP20 | CRI>90 | B 8 mm
70 LED/M, 50 Segmente = 350 LED
Kürzbar | Trimmable: 100 mm (7 LED)



4000 K	FLEXY-350NW	480 lm/m	
3000 K	FLEXY-350WW	451 lm/m	
2700 K	FLEXY-350SW	442 lm/m	



Rückseite mit 3M Klebeband | Backside with 3M adhesive tape

Zubehör | Accessories



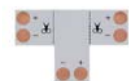
Einspeiser
End Feed
2 Pin, IP20

Längsverbinder
Straight coupler
2 Pin, IP20



Einspeiser
Feeder
2 Pin, IP20

Längsverbinder
Straight coupler
2 Pin, IP20



T/Winkel-Verbinder flexibel
T-connector flexible
2-polig | 2 pole, IP20

Für Flexy Breite 8mm	Z-FL8ES L15,6xB/W9,7xH5,3 mm	Z-FL8LS L15,6 x B/W9,7 x H5,3 mm	Z-FL8E L28xB/W12,7xH8 mm	Z-FL8L L28xB/W12,7xH8 mm	Z-FL8TWV
Für Flexy Breite 10mm	Z-FL10ES L21,7xB/W11,7xH5,3 mm	Z-FL10LS L21,7xB/W11,7xH5,3 mm	Z-FL10E L24xB/W14,6xH8 mm	Z-FL10L L24xB/W14,6xH8 mm	Z-FL10TWV

Die Verbinder können nur einmal geschlossen werden.
Aufgrund der flachen Bauweise für Profile geeignet.
The connectors can be closed only once.
Suitable for profiles with flat design.

Die Verbinder können wieder geöffnet werden.
The connectors can be re-opened.

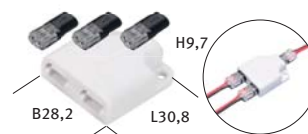
Kürzbar | Trimmable



Linearverbinder | Connector linear
Z-FLLV
2-polig | 2 pole, 0,5mm²
L26xB/W11xH8 mm



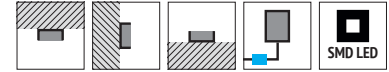
T-Verbinder | T-connector
Z-FLTV
1-polig | 2 pole, 0,5mm²
L18,5xB/W15xH8 mm



Verteiler 2-fach | Distributor 2-way
Z-FLVERTEILER2
2-polig | 2 pole, 0,5mm², max 24V/6A, IP40
Inkl. 3 Steckverbinder | Incl. 3 plug connectors



FLEXY IP ^N



IP67

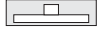
IP54

FLEXYIP-400

14,4 W/M/24Vdc, L5000 mm | IP67 | CRI>90 | B 11,5 mm
80 LED/M, 50 Segmente = 400 LED
Kürzbar | Trimmable: 100 mm (8 LED)



L5000*B10*H3



L5000*B11,5*H3,5

4000 K	FLEXYIP-400NW	1512 lm/m	
3000 K	FLEXYIP-400WW	1469 lm/m	
2700 K	FLEXYIP-400SW	1440 lm/m	

Rückseite mit 3M Klebeband | Backside with 3M adhesive tape

FLEXYIP-800

19,2 W/M/24Vdc, L5000 mm | IP54 | CRI>90 | B 12 mm
160 LED/M, 100 Segmente = 800 LED
Kürzbar | Trimmable: 50 mm (8 LED)



L5000*B10*H3



L5000*B12*H3,5

4000 K	FLEXYIP-800NW	1008 lm/m	
3000 K	FLEXYIP-800WW	970 lm/m	
2700 K	FLEXYIP-800SW	960 lm/m	

Rückseite mit 3M Klebeband | Backside with 3M adhesive tape



RGBW

IP67



5000*12*3



5000*14*3,5

RGB+W IP LED-Strip (W=3000K)
14,4 W/M/24Vdc, L5000 mm | IP67 | CRI>90 | B/W14 mm
60 LED/M, 50 Segmente = 300 LED
Kürzbar | Trimmable: 100 mm (6 LED)

FLEXYIP1-300RGBW-67

Rückseite mit 3M Klebeband | Backside with 3M adhesive tape



max. 144 W

RGBW-Controller: 2,4 GHz mit Fernbedienung zum Schalten, Dimmen und Steuern von Lichteffekten
2.4 GHz with remote control for switching, dimming and control lighting effects

Z-FBFLEXRGBW

Ab 144 W ist ein Verstärker Z-TRLFLEXRGB erforderlich, s. S.231
From 144 W, an amplifier Z-TRLFLEXRGB required, see p.231

Zubehör | Accessories

IP



Einspeiser | End Feed

2 Pin, IP67

Z-FL10ESIP

Für | For Flexy IP
B/W 10mm

Z-FL12ESIP
L30xB/W19xH8 mm

Für | For Flexy IP
B/W 12mm



Längsverbinder | Straight coupler

2 Pin, IP67

Z-FL10LSIP

Z-FL12LSIP
L30xB/W19xH8 mm



Zuleitung | Lead

2 Pin, IP68

Z-FL10ZULIP

L200 mm



Verbindungskabel | Connecting cable

2 Pin, IP68

Z-FL10VKIP

L200 mm

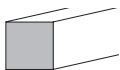
NEONFLEX

IP66

IP67

FLEXYIP9

9,6 W/M/24Vdc, L5000 mm | IP66 | CRI>90 | BxH 10x10 mm
140 LED/M, 100 Segmente = 700 LED
Kürzbar | Trimmable: 50 mm (7 LED)

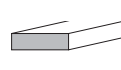


L5000*B10*H10

4000 K	FLEXYIP9-700NW	816 lm/m	
3000 K	FLEXYIP9-700WW	792 lm/m	
2700 K	FLEXYIP9-700SW	760 lm/m	

FLEXYIP10

7,2 W/M/24Vdc, L5000 mm | IP67 | CRI>90 | BxH 12x3,5 mm
280 LED/M, 200 Segmente = 1400 LED
Kürzbar | Trimmable: 25 mm (7 LED)



L5000*B12*H3,5

3000 K	FLEXYIP10-1400WWN	816 lm/m	
2700 K	FLEXYIP10-1400SWN	792 lm/m	

Zubehör (im Lieferung enthalten) | Accessories (included in delivery)

Für FLEXYIP9
20x Befestigungsclips (Metal) inkl. 20 Schrauben
5x Endkappe mit Loch für Kabeleingang
5x Endkappe
1x Tube Silikonkleber

Für FLEXYIP9
20x mounting clips (metal) incl. 20 screws
5x endcap with hole for cable entry
5x endcap
1x tube of silicone glue



Für FLEXYIP10
10x Befestigungsclips (Kunststoff) inkl. 20 Schrauben
5x Endkappe mit Loch für Kabeleingang
5x Endkappe
1x Tube Silikonkleber

For FLEXYIP10
10x mounting clips (plastic) incl. 20 screws
5x endcap with hole for cable entry
5x endcap
1x tube of silicone glue





RGB



RGB LED-Strip
14,4 W/M/24Vdc, L5000 mm | IP20* | B 10 mm
60 LED/M, 50 Segmente = 300 LED
Kürzbar | Trimmable: 100 mm (6 LED)



FLEXY1-300RGB

Rückseite mit 3M Klebeband
Backside with 3M adhesive tape



RGB-Controller
2,4 GHz mit Fernbedienung zum Schalten,
Dimmen und Steuern von Lichteffekten
2.4 GHz with remote control for switching,
dimming and control lighting effects

Z-FBFLEXYRGB

Ab 144 W ist ein Verstärker Z-TRLFLEXYRGB erforderlich, s. S. 231
From 144 W an amplifier Z-TRLFLEXYRGB is required, see page 231

Zubehör | Accessories



RGB
Einspeiser
Feeder

Z-FL10ERGB

Für Flexy RGB B/W10mm
4 Pin, IP20

L28xB/W15xH8 mm

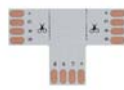


RGB
Längsverbinder
Straight coupler

Z-FL10LRGB

Für | For Flexy RGB B/W10mm
4 Pin, 10mm, IP20

L25xB/W15xH8 mm



RGB
T/Winkel-Verbinder flexibel
T-connector flexible

Z-FL10TWVRGB

Kürzbar | Trimmable
Für | For Flexy RGB B/W10mm
4-polig | 4-pole, IP20



RGB
Verbindungskabel
Connecting cable

Z-FLRGBKABEL

Einseitig mit Buchse
4-polige Litzen, 0,5mm²
One-sided with socket
4-pole stranded wires, 0.5mm²

L160 mm



RGB
Mini-Stecker
Mini plug

Z-FLRGBST

Kontaktblock, 4-polig
4 pin connector



RGBW



RGB+W LED-Strip (W=3000K)
19,2 W/M/24Vdc, L5000 mm | IP20* | B 12 mm
60 LED/M, 50 Segmente = 300 LED
Kürzbar | Trimmable: 100 mm (6 LED)



FLEXY1-300RGBW

Rückseite mit 3M Klebeband
Backside with 3M adhesive tape



RGBW IP*



RGB+W IP LED-Strip (W=3000K) | CRI>90
14,4 W/M/24Vdc, L5000 mm | IP67 | B 14 mm
60 LED/M, 50 Segmente = 300 LED
Kürzbar | Trimmable: 100 mm (6 LED)



FLEXYIP1-300RGBW-67

Rückseite mit 3M Klebeband
Backside with 3M adhesive tape

*Auch in Ausführung IP54 erhältlich
*Also available in IP54



RGBW-Controller
2,4 GHz mit Fernbedienung zum
Schalten, Dimmen
und Steuern von
Lichteffekten
2.4 GHz with remote
control for switching,
dimming and control
lighting effects

Z-FBFLEXYRGBW

Ab 144 W ist ein Verstärker Z-TRLFLEXYRGB
erforderlich, s. S. 231
From 144 W an amplifier Z-TRLFLEXYRGB is
required, see page 231

Zubehör | Accessories



RGBW
Einspeiser
Feeder

Z-FL12ERGBW

Für | For Flexy RGBW B/W10mm
5 Pin, IP20

L30xB/W17,5xH8 mm



RGBW
Längsverbinder
Straight coupler

Z-FL12LRGBW

Für | For Flexy RGBW B/W10mm
5 Pin, IP20

L26x/W17,5xH8 mm



RGBW
T/Winkel-Verbinder flexibel
T-connector flexible

Z-FL12TWVRGBW

Für | For Flexy RGBW B/W10mm
5-polig | 5-pole
IP20

Kürzbar | Trimmable

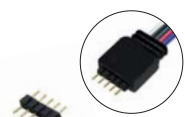


RGBW
Verbindungskabel
Connecting cable

Z-FLRGBWKABEL

Einseitig mit Buchse
5-polige Litzen, 0,5mm²
One-sided with socket
5-pole stranded wires, 0.5mm²

L160 mm



RGBW
Mini-Stecker
Mini plug

Z-FLRGBWST

Kontaktblock, 5-polig
5 pin connector

FLEXY TUNABLE WHITE



Tunable White



Tunable White LED-Strip 2500-6500K
14,4 W/M/24Vdc, L5000 mm | IP20 | B 10 mm
240 LED/M, 50 Segmente = 1200 LED
Kürzbar | Trimmable: 100 mm (12 LED)

5m 10

FLEXY6-1200SSWSCW



Rückseite mit 3M Klebeband
Backside with 3M adhesive tape



Tunable White-Controller: 2,4 GHz mit Fernbedienung zum Schalten, Dimmen und Steuern von Lichtfarbe und Helligkeit
2.4 GHz with remote control for switching, dimming and control lighting effects

Z-FBFLEXYSWSCW

Ab 144 W ist Verstärker Z-TRLFLEXYRGB erforderlich, s.u.
From 144 W an amplifier Z-TRLFLEXYRGB is required, see below

Zubehör | Accessories



Tunable White
Einspeiser | Feeder

Für | For Flexy Tunable White B/W10mm
3 Pin, IP20

Z-FL10ECCT

L30xB/W14,7xH8 mm



Tunable White
Längsverbinder | Straight coupler

Für | For Flexy Tunable White B/W10mm
3 Pin, IP20

Z-FL10LCCT

L25xB/W14,7xH8 mm

Hochleistungsverstärker | High performance amplifier

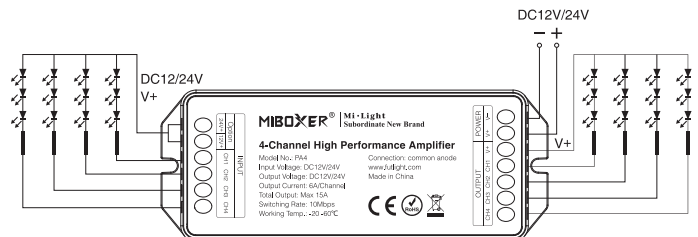
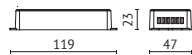


Für RGB/RGBW/Tunable White PA4 4-Kanal, DC12V-24V max. 15A
For RGB/RGBW/Tunable White PA4 4-channel, DC12V-24V max. 15A

Z-TRLFLEXYRGB

Ab 144 W erforderlich

Required from 144 W







AUSSENLEUCHTEN
OUTDOOR LUMINAIRES

SQUEEZE



- Begehbare LED Bodenleuchte
- Gehäuse aus Aluminium-Druckguss
- Schrauben aus rostfreiem Stahl
- Anti-UV-Diffusoren aus Polycarbonat
- Kabeleinführung aus Aluminium, innen vollständig mit Harz gefüllt, um das Eindringen von Wasser und Feuchtigkeit zu verhindern
- Lieferung inkl. Kabel L1500 mm Kabel (2x0,75 mm²)
- Hergestellt in Übereinstimmung mit den europäischen Normen EN 60598-1

Nicht im Lieferumfang enthalten (muss separat bestellt werden)

- LED-Treiber

- Passende Netzteile ab Seite 373

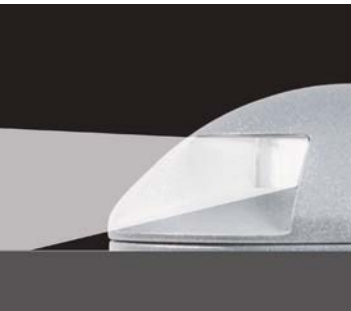
- Walk-over LED ground luminaire
- Body made of die-cast aluminium
- Stainless steel screws
- Anti-UV polycarbonate diffusers
- Cable entry in aluminium totally resin full inside to prevent water and humidity penetration.
- Supplied with cable L1500 mm (2x0,75 mm²)
- Manufactured in compliance with European standards EN 60598-1

Not included in the delivery (has to be ordered separately)

- Power supply

- Suitable power supplies see from page 373

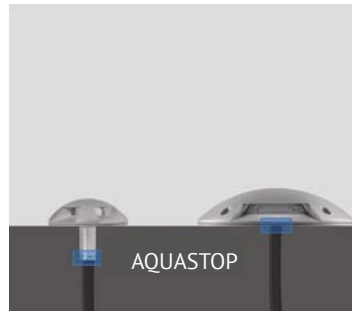




Effektive Reduzierung der direkten Blendung.
Effective reduction of direct glare.



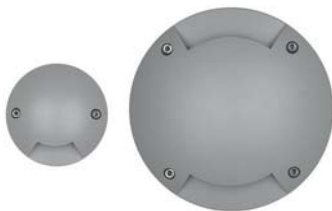
Bei $\varnothing 77$ mm harzbeschichtete 24V-Wandler im Kabelverschraubungs-zylinder, der in das Installationsrohr eingesetzt werden kann.
 $\varnothing 77$ mm resin coated 24V converter in the cable gland cylinder, which can be inserted in the installation tube.



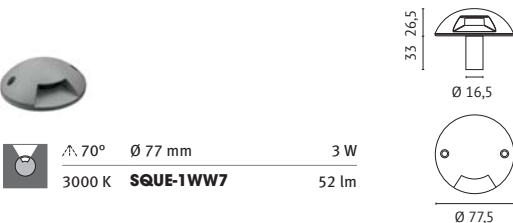
Spezielle Harzbeschichtung an der Kabeleinführung für vollständigen wasserdichten Halt
Special resin coating at cable entry for complete watertight hold.



Widerstandsfähige Bodenstruktur aus Aluminium mit einer Belastbarkeit von bis zu 500 kg.
Resistant aluminium ground structure with a max. load up to 500 kg.



SQUEEZE 77
LED Bodeneinbauleuchte ohne Netzteil | LED recessed floor light without power supply
Aluminium Gehäuse | Aluminium body
24V DC / IP67 / IK10 / CRI >80

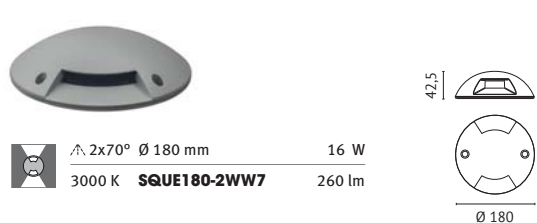


$\angle 70^\circ$ $\varnothing 77$ mm 3 W
3000 K **SQUE-1WW7** 52 lm

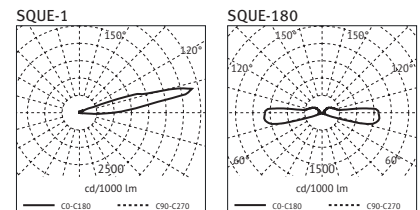


● Aluminiumgrau | Aluminium grey

SQUEEZE 180
LED Bodeneinbauleuchte | LED recessed floor light without power supply
Aluminium Gehäuse | Aluminium body
24V DC / IP67 / IK10 / CRI >80



$\angle 2 \times 70^\circ$ $\varnothing 180$ mm 16 W
3000 K **SQUE180-2WW7** 260 lm



PASSUM



- LED Boden- und Wandeinbauleuchten
- Gehäuse aus Primäraluminium oder Edelstahl
- Abdeckungen rund und eckig, erhältlich in Edelstahl oder Aluminium (Farbe aluminiumgrau)
- Oberflächenbehandlung von Aluminium: Phosphorchromatieren + Lackierung mit Korrosionsschutz-Polyesterpulver
- Schwenk- und drehbare Optik zur korrekten Positionierung des Lichtstrahls (nicht bei Ø70). Vertikal schwenkbar um $\pm 15^\circ$ bei Ø125 und Ø180 mm, $\pm 25^\circ$ bei Ø245, horizontal drehbar.
- Begeh- und befahrbar, Max. T $\leq 40^\circ\text{C}$. Max. Belastung 2.000 bis 3.500 Kg (1.000 Kg für Ø 70 mm), für begehbare und befahrbare Flächen geeignet.
- Schutzart: IP67
- Schutzklasse: I (Ø125, Ø180, Ø245) und III (Ø70)
- Integriertes elektronisches Versorgungsteil bei Ø125, Ø180, Ø245
- Externes elektronisches Versorgungsteil bei Ø70

Auf Anfrage

- Dimmbar
- Weitere Lichtfarben
- RGBW Passum 245mm
- Andere Ausstrahlwinkel
- Farbe Anthrazit

- LED ground and wall recessed luminaires
- Body made of aluminium or stainless steel
- Cover round and square, in stainless steel or aluminium (aluminium grey color)
- Surface treatment: phosphorus chromate + varnish with corrosion protection polyester powder
- Adjustable and routable optic for the right firing (unless for Ø70). Vertically $\pm 15^\circ$ for Ø125 and Ø180 mm and $\pm 25^\circ$ for Ø245, horizontally routable.
- Walk and drive over, max. surface T 40°C and load up pressure max 2.000 - 3.500 kg (1.000 Kg for Ø 70 mm)
- Protection Rating: IP67
- Protection Class: I (Ø125, Ø180, Ø245) and III (Ø70)
- Built-in electronic power supply (Ø125, Ø180, Ø245)
- external electronic power supply (Ø70)

On request

- Dimmable
- Other light temperatures
- RGBW Passum 245mm
- Other beam angles
- Anthracite color

PASSUM UP

Boden- oder Wandeinbauleuchte, Licht nach oben, schwenkbar
Floor or wall recessed, light emission upwards, swiveling



Ø 70

Ø 125

Ø 180

Ø 245

PASSUM SIDEWARDS

Boden- oder Wandeinbauleuchte, Licht zur Seite
Recessed floor or wall luminaire, light emission sideways



PASSUM UP ultraflat

Boden- oder Wandeinbauleuchte, geringe Einbautiefe
Floor or wall installation, low mounting depth



PASSUM ADJUSTABLE

Boden- oder Wandeinbauleuchte, verstellbares Licht
Floor or wall recessed luminaire, adjustable light



Zubehör | Accessories



Längsverbinder | 2 way connector

Z-VERIP-L2

Für 4 poliges Kabel IP68 (Ø5,5÷12mm Kabel), inkl. aqua-stop
4-pin IP68 (Ø5,5÷12mm cable), incl. aqua-stop



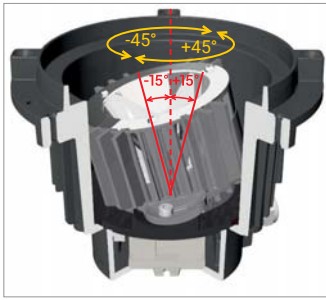
Doppelter Längsverbinder | 3/4 way connector

Z-VERIP-DLH2O

Für 3 poliges Kabel IP68 (Ø7÷12mm Kabel), inkl. aqua-stop
3-pin IP68 (Ø7÷12mm cable), incl. aqua-stop

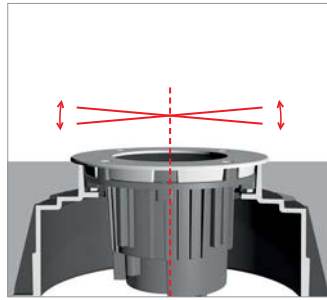
PASSUM UP





Die Optik der Leuchten ist zur korrekten Positionierung des Lichtstrahls um $\pm 15^\circ/25^\circ$ schwenkbar (fest bei $\varnothing 70$) und lässt sich horizontal drehen.

The optics of the luminaires can be tilted $\pm 15^\circ/25^\circ$ for correct positioning of the light beam (fixed for $\varnothing 70$) and can be rotated horizontally.



Nach dem Einbau in den Einbaukasten kann das Leuchtengehäuse nivelliert werden.

After installation in the mounting box, the luminaire housing can be leveled.



Max. $T_s \leq 40^\circ\text{C}$. Max. Belastung 2.000 bis 3.500 Kg (1000 Kg für $\varnothing 70$ mm), für begehbare und befahrbare Flächen geeignet.

Max. $T_s \leq 40^\circ\text{C}$. Max. load 1000 Kg ($\varnothing 70$ mm), 2.000 ($\varnothing 125/180\text{mm}$), 3.500 Kg ($\varnothing 245$ mm).

$\varnothing 70$

PASSUP70
LED Bodeneinbauleuchte mit Einbaudose und Abdeckung inkl. externem Versorgungsteil 230V/24V. IP67
LED ground recessed light with mounting box and cover incl. external power supply 230V/24V. IP67
CRI >80



Edelstahl-Abdeckung | Stainless steel cover

$\Delta 38^\circ$ $\varnothing 70,5$ mm



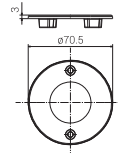
	Aluminium Gehäuse Aluminium body	Edelstahl Gehäuse Stainless Steel body	1 W
4000 K	PASUP70R-1NW	PASUP70R-1NW-0	62 lm
3000 K	PASUP70R-1WW	PASUP70R-1WW-0	62 lm
3 W			
4000 K	PASUP70R-3NW	PASUP70R-3NW-0	105 lm
3000 K	PASUP70R-3WW	PASUP70R-3WW-0	105 lm

Aluminium-Abdeckung | Aluminium cover

$\Delta 38^\circ$ $\varnothing 70,5$ mm



	Aluminium Gehäuse Aluminium body	Edelstahl Gehäuse Stainless Steel body	1 W
4000 K	PASUP70-1NW7	PASUP70-1NW7-0	62 lm
3000 K	PASUP70-1WW7	PASUP70-1WW7-0	62 lm
3 W			
4000 K	PASUP70-3NW7	PASUP70-3NW7-0	105 lm
3000 K	PASUP70-3WW7	PASUP70-3WW7-0	105 lm

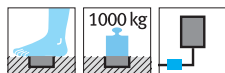
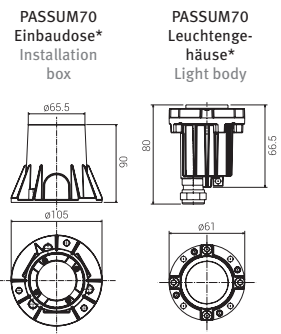
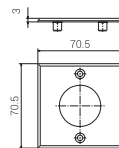


Edelstahl-Abdeckung | Stainless steel cover

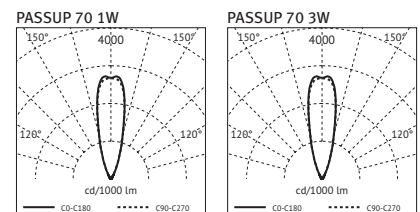
$\Delta 38^\circ$ L70,5 x B/W70,5 mm



	Aluminium Gehäuse Aluminium body	Edelstahl Gehäuse Stainless Steel body	1 W
4000 K	PASUP70A-1NW	PASUP70A-1NW-0	62 lm
3000 K	PASUP70A-1WW	PASUP70A-1WW-0	62 lm
3 W			
4000 K	PASUP70A-3NW	PASUP70A-3NW-0	105 lm
3000 K	PASUP70A-3WW	PASUP70A-3WW-0	105 lm



*Im Lieferumfang enthalten
Included in the delivery



PASSUM UP 125

Ø 125

PASSUP125
LED Bodeneinbauleuchte mit Einbaudose und Abdeckung
LED ground recessed light with mounting box and cover
230V / CRI >80

Edelstahl-Abdeckung | Stainless steel cover

∧ 38° Ø 125 mm / ±15° Schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body		Edelstahl Gehäuse Stainless Steel body	
4000 K	PASUP125R-6NW	7 W 636 lm	PASUP125R-4NW-0 4 W 248 lm
3000 K	PASUP125R-6WW	7 W 636 lm	PASUP125R-4WW-0 4 W 248 lm



Aluminium-Abdeckung | Aluminium cover

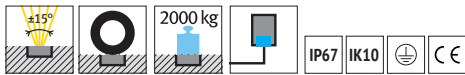
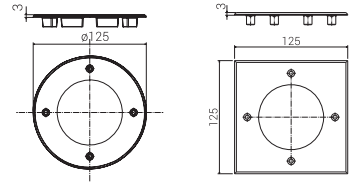
∧ 38° Ø 125 mm / ±15° Schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body		Edelstahl Gehäuse Stainless Steel body	
4000 K	PASUP125-6NW7	7 W 636 lm	PASUP125-4NW7-0 4 W 248 lm
3000 K	PASUP125-6WW7	7 W 636 lm	PASUP125-4WW7-0 4 W 248 lm



∧ 38° L125 x B/W125 mm / ±15° Schwenkbar | Adjustable

4000 K	PASUP125A-6NW	7 W 636 lm	PASUP125A-4NW-0 4 W 248 lm
3000 K	PASUP125A-6WW	7 W 636 lm	PASUP125A-4WW-0 4 W 248 lm



Ø 125 GU10

PASSUP125 GU10
LED Bodeneinbauleuchte mit Einbaudose und Abdeckung
LED ground recessed light with mounting box and cover
230V / CRI >80

Edelstahl-Abdeckung | Stainless steel cover

Ø 125 mm / ±8° schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body		Edelstahl Gehäuse Stainless Steel body	
PASUP125R-GU10	PASUP125R-GU10-0	5 W/GU10 DC	



Aluminium-Abdeckung | Aluminium cover

Ø 125 mm / ±8° schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body		Edelstahl Gehäuse Stainless Steel body	
PASUP125-GU10-7	PASUP125-GU10-7-0	5 W/GU10 DC	



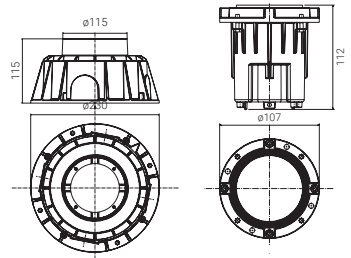
Edelstahl-Abdeckung | Stainless steel cover

L125 x B/W125 mm / ±8° schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body		Edelstahl Gehäuse Stainless Steel body	
PASUP125A-GU10	PASUP125A-GU10-0	5 W/GU10 DC	



⚡ QPAR51 max. 5W/230V GU10, L max 57mm
Ohne Leuchtmittel | Without lamp

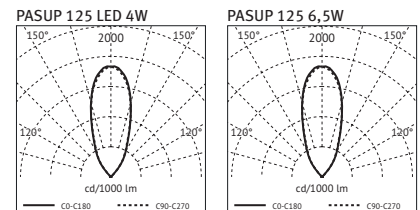


PASSUP125
Einbaudose*
Installation box

PASSUP125
Leuchten-
gehäuse*
Light body



*Im Lieferumfang enthalten
Included in the delivery





PASSUP125



PASSUP125 ULTRAFLAT

Ø 125 ULTRAFLAT



PASSUP125 ULTRAFLAT
 LED Bodeneinbauleuchte mit Einbaudose und Abdeckung, Gehäuse aus Aluminium
 LED ground recessed light with mounting box and cover, with aluminium body
 230V / CRI >80

Edelstahl-Abdeckung | Stainless steel cover

Aluminium-Abdeckung | Aluminium cover

∠ 90° Ø 125 mm



4000 K **PASUP125UFR-8NW** 8 W 347 lm
 3000 K **PASUP125UFR-8WW** 8 W 347 lm

∠ 90° Ø 125 mm

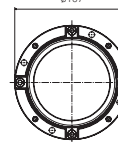
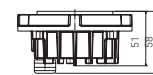
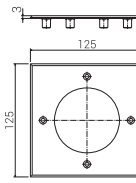
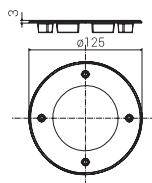


4000 K **PASUP125UF-8NW7** 8 W 347 lm
 3000 K **PASUP125UF-8WW7** 8 W 347 lm

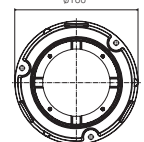
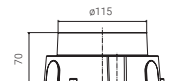
∠ 90° L125 x B/W125 mm



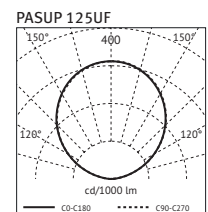
4000 K **PASUP125UFA-8NW** 8 W 347 lm
 3000 K **PASUP125UFA-8WW** 8 W 347 lm



PASUP 125UF
 Leuchten-
 gehäuse*
 Light body



PASUP 125UF
 Einbaudose*
 Installation
 box



*Im Lieferumfang enthalten
 Included in the delivery

PASSUM UP 180 + 245



Ø 180

PASSUP180
LED Bodeneinbauleuchte mit Einbaudose und Abdeckung
LED recessed floor light with mounting box and cover
230V / CRI >80

Edelstahl-Abdeckung | Stainless steel cover

∧ 38° Ø 180 mm / ±15° Schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body		Edelstahl Gehäuse Stainless Steel body	
4000 K	PASUP180R-11NW 11 W 1060 lm	PASUP180R-6NW-0	6,5 W 498 lm
3000 K	PASUP180R-11WW 11 W 1060 lm	PASUP180R-6WW-0	6,5 W 498 lm
4000 K	PASUP180R-18NW 18 W 1868 lm		
3000 K	PASUP180R-18WW 18 W 1868 lm		



Aluminium-Abdeckung | Aluminium cover

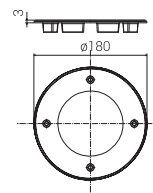
∧ 38° Ø 180 mm / ±15° Schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body		Edelstahl Gehäuse Stainless Steel body	
4000 K	PASUP180-11NW7 11 W 1060 lm	PASUP180-6NW7-0	6,5 W 498 lm
3000 K	PASUP180-11WW7 11 W 1060 lm	PASUP180-6WW7-0	6,5 W 498 lm
4000 K	PASUP180-18NW7 18 W 1868 lm		
3000 K	PASUP180-18WW7 18 W 1868 lm		

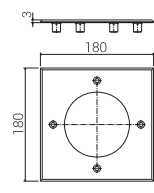


∧ 38° L180 x B/W180 mm / ±15° Schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body		Edelstahl Gehäuse Stainless Steel body	
4000 K	PASUP180A-11NW 11 W 1060 lm	PASUP180A-6NW-0	6,5 W 498 lm
3000 K	PASUP180A-11WW 11 W 1060 lm	PASUP180A-6WW-0	6,5 W 498 lm
4000 K	PASUP180A-18NW 18 W 1868 lm		
3000 K	PASUP180A-18WW 18 W 1868 lm		



Abdeckung rund | Cover round



Abdeckung eckig | Cover square

Ø 180 GU10

PASSUP180
LED Bodeneinbauleuchte mit Einbaudose und Abdeckung
LED recessed floor light with mounting box and cover
230V / CRI >80

Edelstahl-Abdeckung | Stainless steel cover

Ø 180 mm / ±15° schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body	Edelstahl Gehäuse Stainless Steel body	
PASUP180R-GU10	PASUP180R-GU10-0	7-8 W/GU10 DC



Aluminium-Abdeckung | Aluminium cover

Ø 180 mm / ±15° schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body	Edelstahl Gehäuse Stainless Steel body	
PASUP180-GU10-7	PASUP180-GU10-7-0	7-8 W/GU10 DC



L180 x B/W180 mm / ±15° schwenkbar | Adjustable

Aluminium Gehäuse Aluminium body	Edelstahl Gehäuse Stainless Steel body	
PASUP180A-GU10	PASUP180A-GU10-7-0	7-8 W/GU10 DC



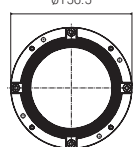
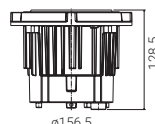
⚠ QPAR51 max. 8W/230V GU10, L max 86mm, ohne Leuchtmittel | without lamp

Zubehör | Accessories

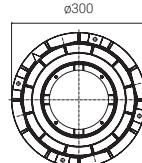
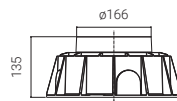


Blendschutz* Ø 180 mm
Anti-glare louvre* Ø 180 mm

Wird mit optionalem
Blendschutz geliefert.
Is supplied with anti-glare
louvre optional use.

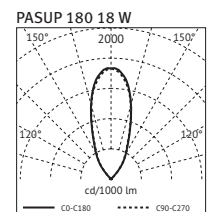
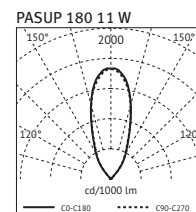


PASSUP180
Leuchtgehäuse*
Light body*



PASSUP180
Einbaudose*
Installation box*

*Im Lieferumfang enthalten
*Included in the delivery



Ø 245

PASSUP245
LED Bodeneinbauleuchte mit Einbaudose und Abdeckung, Gehäuse aus Aluminium
LED recessed floor light with mounting box and cover, with aluminium body
230V / CRI >80

Edelstahl-Abdeckung | Stainless steel cover

∧38° Ø 245 mm / ±25° Schwenkbar | Adjustable

4000 K **PASUP245R-33NW** 33 W 3044 lm

3000 K **PASUP245R-33WW** 33 W 3044 lm

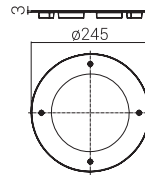


Aluminium-Abdeckung | Aluminium cover

∧38° Ø 245 mm / ±25° Schwenkbar | Adjustable

4000 K **PASUP245-33NW7** 33 W 3044 lm

3000 K **PASUP245-33WW7** 33 W 3044 lm



Abdeckung rund
Cover round

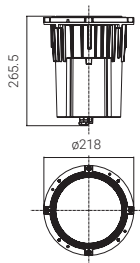


Zubehör | Accessories

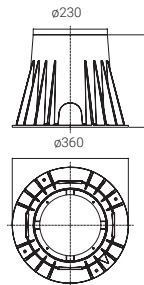


Blendschutz Ø245
Anti-glare louvre Ø245

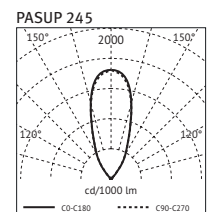
Wird mit optionalem
Blendschutz geliefert.
Is supplied with anti-glare
louvre optional use.



PASSUP245
Leuchtengehäuse*
Light body*



PASSUP245
Einbaudose*
Installation box*



*Im Lieferumfang enthalten
Included in the delivery

PASSUM SIDEWARDS

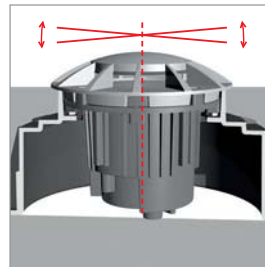


- LED Boden und Wandeinbauleuchte
- Gehäuse aus Aluminium oder Edelstahl
- Abdeckung erhältlich in Edelstahl oder Aluminium (Farbe aluminiumgrau)
- Oberflächenbehandlung von Aluminium: Phosphorchromatieren + Lackierung mit Korrosionsschutz-Polyesterpulver
- Schutzart: IP67
- Schutzklasse: I (Ø125) und III (Ø70)
- Integriertes elektronisches Versorgungsteil bei Ø125
- Externes elektronisches Versorgungsteil bei Ø70

- LED ground and wall recessed luminaire
- Body of aluminium or stainless steel
- Cover in stainless steel or aluminium (aluminium grey)
- Surface treatment of aluminium: phosphorus chromate + varnish with corrosion protection polyester powder
- Protection Rating: IP67
- Protection Class: I (Ø125) and III (Ø70)
- Built-in electronic power supply (Ø125)
- External electronic power supply (Ø70)



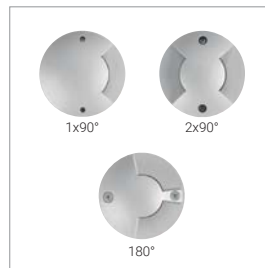
LED mit Side-Emitter Optik, um den Lichtstrahl auf die Seiten zu lenken.
LED with side-emitter optics to direct the light beam to the sides.



Nach dem Einbau (nicht bei \varnothing 70 mm) in den Einbaukasten kann das Leuchtengehäuse nivelliert werden.
After installation (not \varnothing 70 mm) in the mounting box, the luminaire housing can be leveled.



Kappen aus Edelstahl AISI 316 L in 2 Abstrahlungsrichtungen.
Cover in stainless steel AISI 316 L in 2 light emitting versions.



Kappen aus Aluminium in 3 Abstrahlungsrichtungen.
Aluminium cover in 3 light emitting versions.



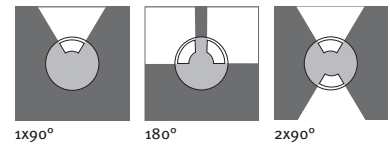
Max. Belastung 2.000 kg
Max. load 2.000 kg



\varnothing 125-180 Leuchtengehäuse verfügen über ein 0,5 m langes Ho7RN-F Kabel und einen IP68 Verbinder.
 \varnothing 125-180 luminaire housings have a 0.5 m Ho7RN-F cable and an IP68 connector.

PASSUM SIDEWARDS

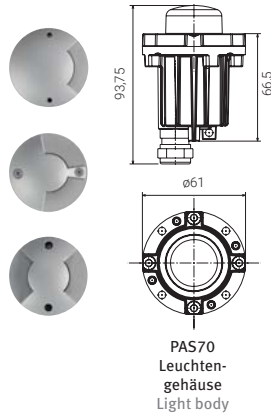




PASSUM SIDEWARDS Ø 70
 LED Bodeneinbauleuchte inkl. externem Versorgungsteil 230V/24V. IP67
 LED recessed floor light incl. external power supply 230V/24V. IP67
 CRI >80

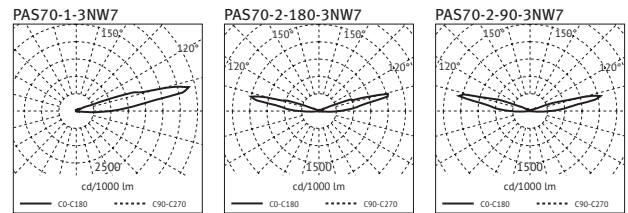
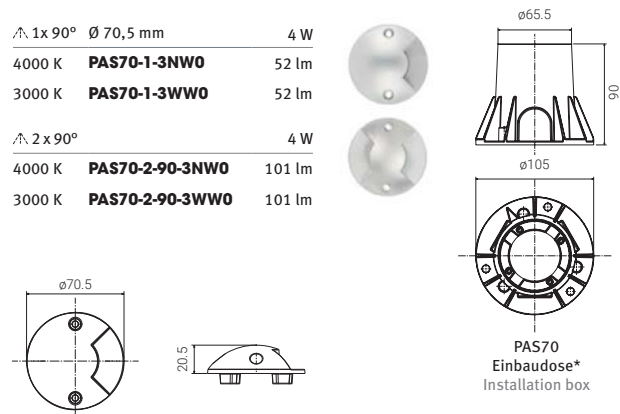
Gehäuse und Abdeckung aus Aluminium
 Aluminium body and cover

∧ 1x 90°	Ø 70,5 mm	4 W
4000 K	PAS70-1-3NW7	52 lm
3000 K	PAS70-1-3WW7	52 lm
∧ 180°		4 W
4000 K	PAS70-2-180-3NW7	101 lm
3000 K	PAS70-2-180-3WW7	101 lm
∧ 2x 90°		4 W
4000 K	PAS70-2-90-3NW7	101 lm
3000 K	PAS70-2-90-3WW7	101 lm



Gehäuse und Abdeckung aus Edelstahl
 Stainless steel body and cover

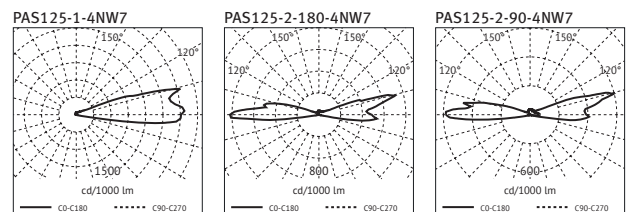
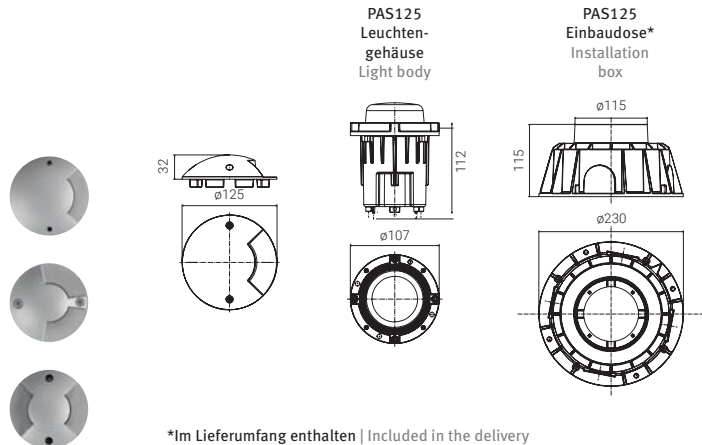
∧ 1x 90°	Ø 70,5 mm	4 W
4000 K	PAS70-1-3NW0	52 lm
3000 K	PAS70-1-3WW0	52 lm
∧ 2x 90°		4 W
4000 K	PAS70-2-90-3NW0	101 lm
3000 K	PAS70-2-90-3WW0	101 lm



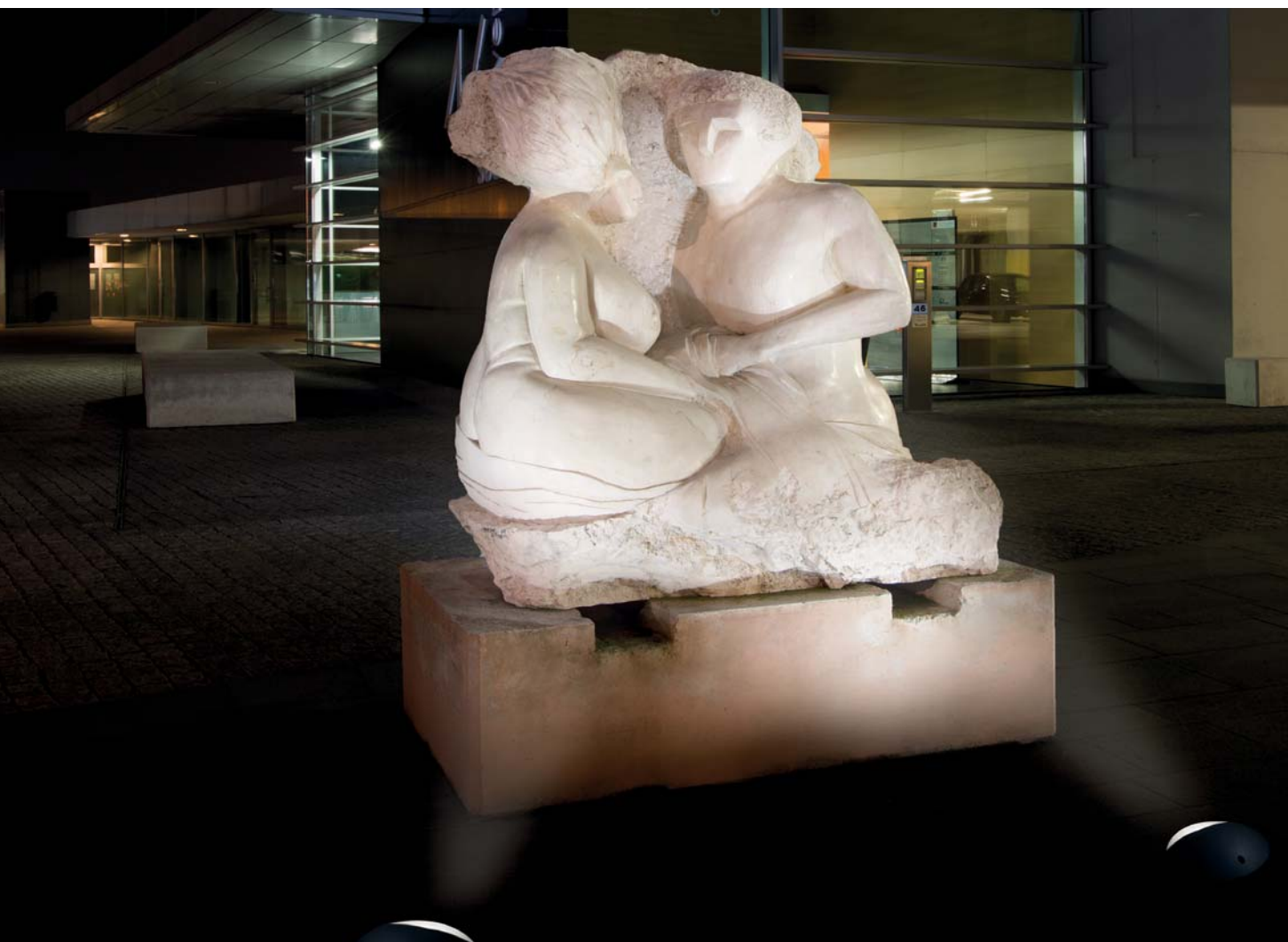
PASSUM SIDEWARDS Ø 125
 LED Bodeneinbauleuchte | LED recessed floor light
 230V/50Hz / CRI >80

Gehäuse und Abdeckung aus Aluminium | Edelstahl Gehäuse und Aluminium Abdeckung
 Aluminium body and cover | Stainless steel body and aluminium cover

∧ 1x 90°	Ø 125 mm	4 W	
4000 K	PAS125-1-4NW7	PAS125-1-4NW07	48 lm
3000 K	PAS125-1-4WW7	PAS125-1-4WW07	48 lm
∧ 180°		4 W	
4000 K	PAS125-2-180-4NW7	PAS125-2-180-4NW07	84 lm
3000 K	PAS125-2-180-4WW7	PAS125-2-180-4WW07	84 lm
∧ 2x 90°		4 W	
4000 K	PAS125-2-90-4NW7	PAS125-2-90-4NW07	84 lm
3000 K	PAS125-2-90-4WW7	PAS125-2-90-4WW07	84 lm



PASSUM ADJUSTABLE

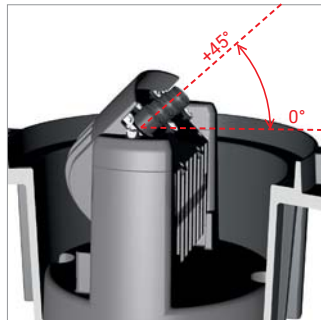


- LED Boden- und Wandeinbauleuchte
- Gehäuse aus Aluminium oder Edelstahl
- Abdeckung Aluminium (Farbe aluminiumgrau)
- Oberflächenbehandlung auf Aluminium: Phosphorchromatieren + Lackierung mit Korrosionsschutz-Polyesterpulver
- Schutzart: IP67
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

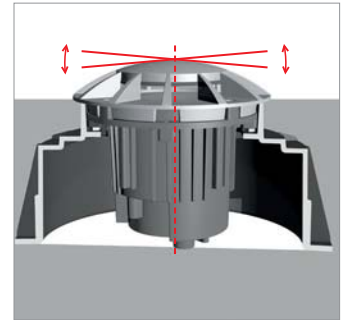
- LED ground and wall recessed luminaire
- Body of aluminium or stainless steel
- Cover in aluminium (aluminium grey)
- Surface treatment of aluminium: phosphorus chromate + varnish with corrosion protection polyester powder
- Protection Rating: IP67
- Protection Class: I
- Built-in electronic power supply



Die Optik der Leuchten mit von 0° bis 45° verstellbarem Licht lässt sich vertikal drehen.
The optics of the luminaires with light adjustable from 0° to 45° can be rotated vertically.



Nach dem Einbau in den Einbaukasten kann das Leuchtengehäuse nivelliert werden.
After installation in the mounting box, the luminaire housing can be leveled.

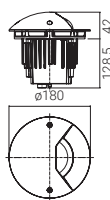


PASSUM ADJUSTABLE
LED Boden- und Wandeinbauleuchte | LED ground and wall recessed luminaire
230V/50Hz / CRI >80

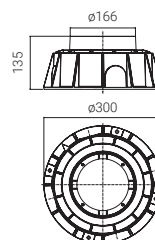
Aluminium-Abdeckung | Cover Aluminium
Ø 180 mm / 0-45° Schwenkbar | Adjustable

∠ 12°	Aluminium Gehäuse Aluminium body	Edelstahl Gehäuse Stainless Steel body	8 W
4000 K	PAS180-8NW7	PAS180-8NW07	638 lm
3000 K	PAS180-8WW7	PAS180-8WW07	638 lm

PAS180
Leuchten-
gehäuse
Light body



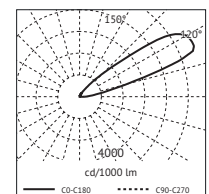
PAS180
Einbaudose
Installation
box



Aluminium Gehäuse
Aluminium body



Edelstahl Gehäuse
Stainless steel body



ELOISE



- LED Wand- und Deckenanbauleuchte
- Gehäuse aus Aluminiumdruckguss
- Pulverbeschichtet
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Mit weißem Reflektor
- 360° abstrahlend
- Inklusive Inox-Befestigungsklemme und IP-Gel-Anschluss
- UV-beständige und wasserdichte Silikon-Dichtungen aus Polycarbonat
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

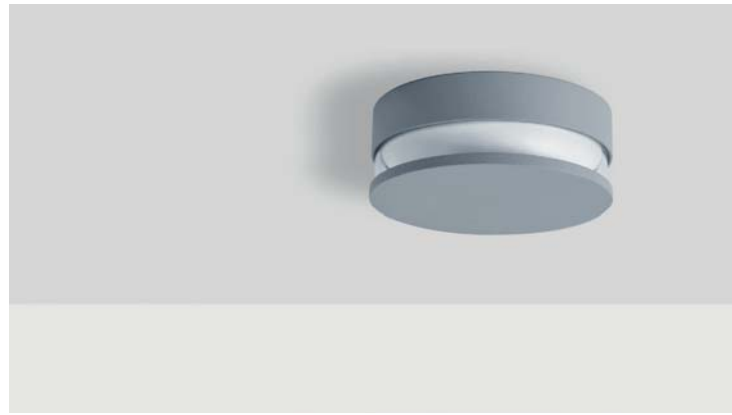
Auf Anfrage

- 2700 K
- Farbe corten

- LED wall and ceiling mounted luminaire
- Body made of die-cast aluminium
- Powder coated
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- With white reflector
- 360° radial emission
- Inox fixing clamp and IP gel connector included
- Polycarbonate UV resistant and water tightened silicon gaskets
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

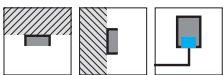
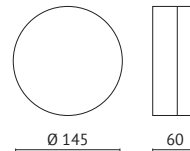
On request

- 2700 K
- Color corten

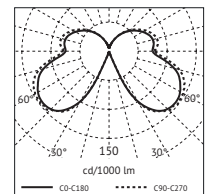


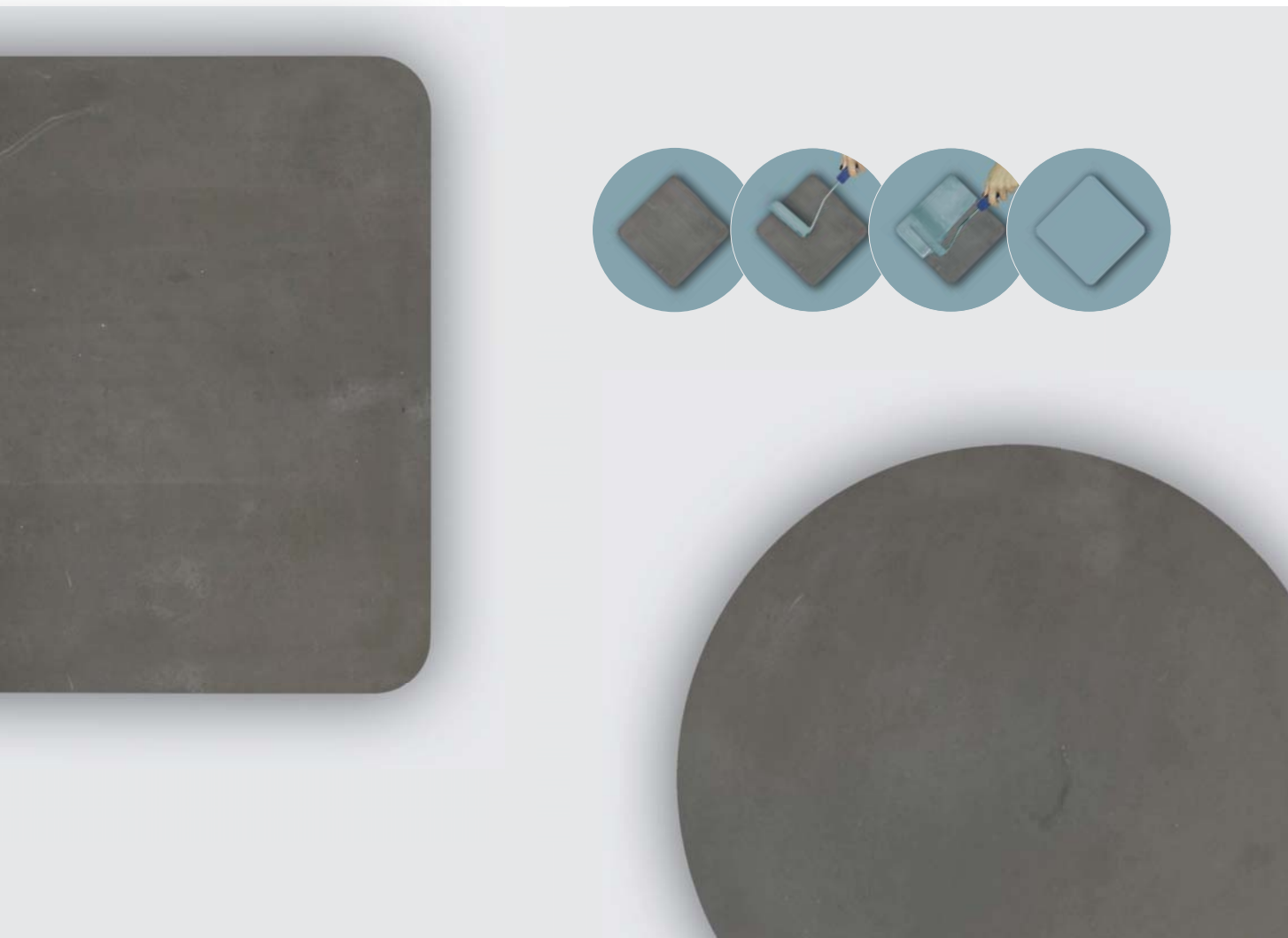
ELOISE
LED Wand- und Deckenanbauleuchte | LED wall and ceiling mounted luminaire
⚡ 360° / 220-240V / CRI>80

Ø 145 mm					13 W
4000 K	○ ELO-13NW1	● ELO-13NW6	● ELO-13NW7	● ELO-13NW8	946 lm
3000 K	○ ELO-13WW1	● ELO-13WW6	● ELO-13WW7	● ELO-13WW8	901 lm



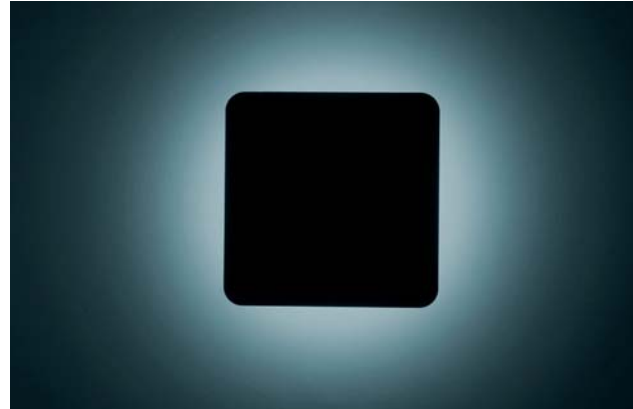
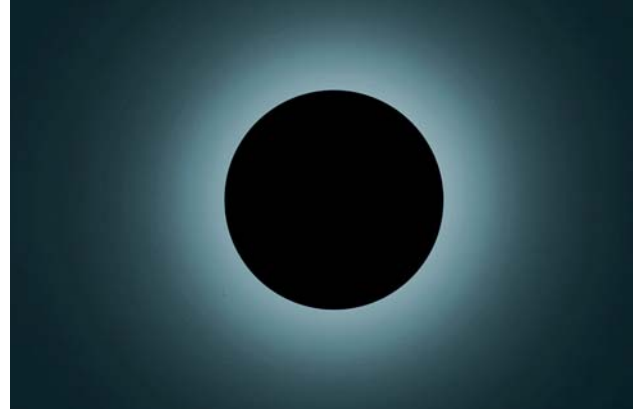
○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand





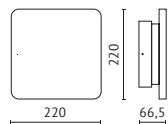
- LED Wandanbauleuchte
- Individuelle Gestaltungsideen mit wasserbasierten Farben verwirklichen
- Die Frontabdeckung aus dem Naturmaterial Ton hält extremen Witterungsbedingungen stand
- 360° Ausstrahlwinkel
- Drei Farbtemperaturen 2700 K, 3000 K oder 4000 K
- Die Struktur der Leuchte besteht aus Aluminium Druckguss
- Inkl. Wandbefestigungsbügel aus Edelstahl und Isoliergelanschlüssen für einen schnellen und sicheren elektrischen Anschluss
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

- LED wall and ceiling mounted luminaire
- Realize individual design ideas with water-based paints
- The front cover made of the natural material clay withstands extreme weather conditions
- Beam angle 360°
- Three color temperatures 2700 K, 3000 K or 4000 K
- Luminaire structure is made of aluminum die-cast
- Includes stainless steel wall mounting bracket and insulating gel terminals for quick and secure electrical connection
- Protection class: IP65
- Protection class: I
- Integrated electronic power supply



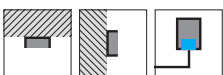
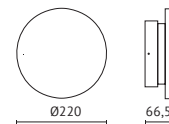
MIMIE
LED Wandenbauleuchte | LED wall mounted luminaire
220-240V / IP65 / CRI >80

∠ 360°	L220*B220*H66,5 mm	13 W
4000 K	MIMIE-13NW	945 lm
3000 K	MIMIE-13WW	900 lm
2700 K	MIMIE-13SW	855 lm

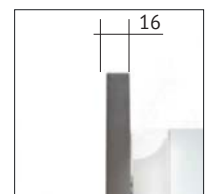


MIMIR
LED Wandenbauleuchte | LED wall mounted luminaire
220-240V / IP65 / CRI >80

∠ 360°	Ø220*H66,5 mm	13 W
4000 K	MIMIR-13NW	945 lm
3000 K	MIMIR-13WW	900 lm
2700 K	MIMIR-13SW	855 lm



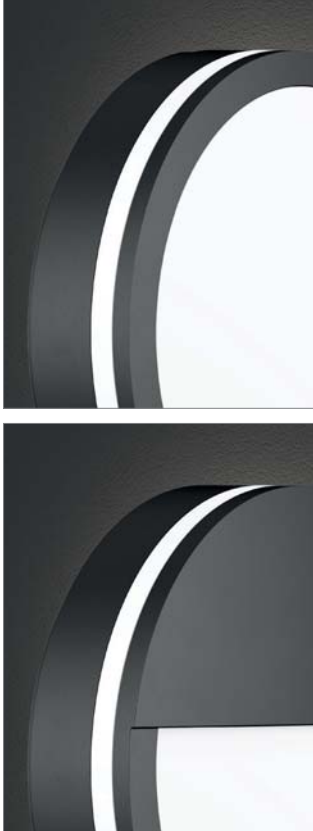
● Beton/Natur | Concrete / Nature





- LED Wand- und Deckenanbauleuchte
- Gehäuse aus Aluminiumdruckguss
- Erhältlich in den Farben weiß und schwarz
- Farbtemperatur umschaltbar (3000K+4000K+5700K) mit Schalter
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- Dimmbar TRIAC
- IKo8

- LED wall and ceiling mounted luminaire
- Body made of die-cast aluminium
- Housing colors white and black
- Interchangeable CCT (3000K+4000K+5700K) with switch
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply
- TRIAC dimming
- IKo8

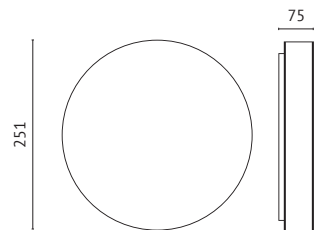


UWAL
 LED Wand- und Deckenanbauleuchte | LED wall and ceiling mounted luminaire
 ⚡ 140° / 230-240V / IP65 / TRIAC / IP54 / IK08 / CRI >80



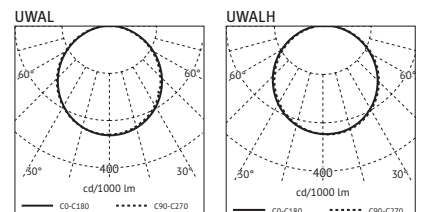
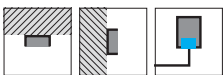
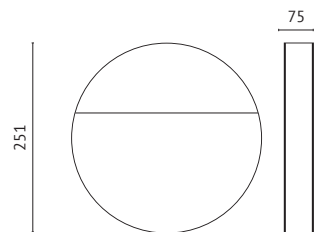
Ø251*H75 mm | umschaltbar | switchable 12 W

	3000 K	4000 K	5700 K
○ UWAL-12WWSCW1TD ● UWAL-12WWSCW2TD	828 lm	857 lm	828 lm



Ø251*H75 mm | umschaltbar | switchable 12 W

	3000 K	4000 K	5700 K
○ UWALH-12WWSCW1TD ● UWALH-12WWSCW2TD	523 lm	534 lm	523 lm



○ Weiß | White ● Schwarz | Black

ARIA



- LED Wand- und Deckenanbauleuchte
- Gehäuse aus Aluminiumdruckguss
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Schutzart: IP65
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil
- Dimmbar Phasenabschnitt
- IK07

Auf Anfrage

- 2700 K
- Farbe corten

- LED wall and ceiling mounted luminaire
- Body made of die-cast aluminium
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Protection Rating: IP65
- Protection Class: II
- Built-in electronic power supply
- Phase cut dimming
- IK07

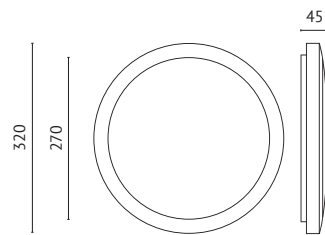
On request

- 2700 K
- Color corten

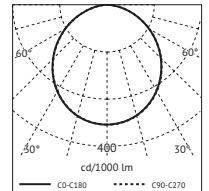


ARIA
LED Wand- und Deckenanbauleuchte | LED wall and ceiling mounted luminaire
220-240V / CRI >80

Ø 320 mm					16 W
4000 K	○ ARI-18NW1	● ARI-18NW6	● ARI-18NW7	● ARI-18NW8	1615 lm
3000 K	○ ARI-18WW1	● ARI-18WW6	● ARI-18WW7	● ARI-18WW8	1538 lm



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



LUNETTE



- LED Wand- und Deckenanbauleuchte
- 2 verschiedene Größen aus Aluminiumdruckguss
- Oberflächenbehandlung von Aluminium: Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben weiß, anthrazit und aluminiumgrau
- Opaler Polycarbonat-Diffusor
- Schutzart: IP65
- Schutzklasse: I
- IK10
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- 2700 K
- DALI

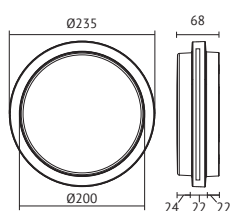
- LED wall and ceiling mounted luminaire
- 2 body sizes of die-cast aluminium
- Housing colors white, anthracite and aluminium grey
- Surface treatment of aluminium: epoxy coating + varnish with UV-stabilized epoxy powder
- Opal polycarbonate diffuser
- Protection Rating: IP65
- Protection Class: I
- IK10
- Built-in electronic power supply

On request

- 2700 K
- DALI



LUNETTE
LED Wand- und Deckenanbauleuchte
LED wall and ceiling mounted luminaire
230V/50Hz / CRI >80



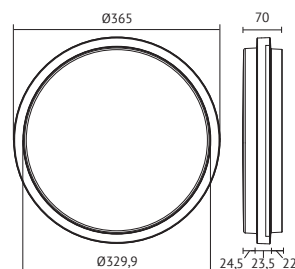
Ø 235 mm, H68 mm

Standard				15 W
4000 K	○ LU-13NW1	● LU-13NW6	● LU-13NW7	890 lm
3000 K	○ LU-13WW1	● LU-13WW6	● LU-13WW7	890 lm

3h Notlichtfunktion 3h emergency light				15 W
4000 K	○ LUN-13NW1	● LUN-13NW6	● LUN-13NW7	890 lm
3000 K	○ LUN-13WW1	● LUN-13WW6	● LUN-13WW7	890 lm

Bewegungssensor Motion sensor				15 W
4000 K	○ LUS-13NW1	● LUS-13NW6	● LUS-13NW7	890 lm
3000 K	○ LUS-13WW1	● LUS-13WW6	● LUS-13WW7	890 lm

3h Notlichtfunktion und HF Bewegungssensor 3h emergency light and HF motion sensor				15 W
4000 K	○ LUNS-13NW1	● LUNS-13NW6	● LUNS-13NW7	890 lm
3000 K	○ LUNS-13WW1	● LUNS-13WW6	● LUNS-13WW7	890 lm



Ø 365 mm, H70 mm

Standard				27 W
4000 K	○ LU-25NW1	● LU-25NW6	● LU-25NW7	2454 lm
3000 K	○ LU-25WW1	● LU-25WW6	● LU-25WW7	2454 lm

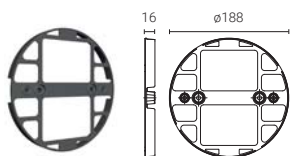
3h Notlichtfunktion 3h emergency light				27 W
4000 K	○ LUN-25NW1	● LUN-25NW6	● LUN-25NW7	2454 lm
3000 K	○ LUN-25WW1	● LUN-25WW6	● LUN-25WW7	2454 lm

Bewegungssensor Motion sensor				27 W
4000 K	○ LUS-25NW1	● LUS-25NW6	● LUS-25NW7	2454 lm
3000 K	○ LUS-25WW1	● LUS-25WW6	● LUS-25WW7	2454 lm

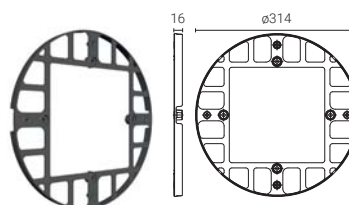
3h Notlichtfunktion und HF Bewegungssensor 3h emergency light and HF motion sensor				27 W
4000 K	○ LUNS-25NW1	● LUNS-25NW6	● LUNS-25NW7	2454 lm
3000 K	○ LUNS-25WW1	● LUNS-25WW6	● LUNS-25WW7	2454 lm

Zubehör | Accessories

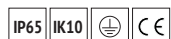
Abstandhalter | Spacer
Z-LU188



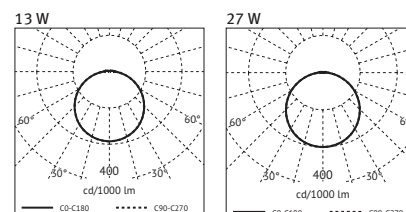
Abstandhalter | Spacer
Z-LU314



Für seitliche Kabeleinführung, Durchgangsverdrahtung möglich | For lateral cable entry, through wiring possible



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



STAMP



- LED Wandan- /einbauleuchte
- 3 verschiedene Größen aus Aluminium
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben anthrazit und aluminiumgrau
- Polycarbonat Diffusor
- Dimmbar Phasenabschnitt
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

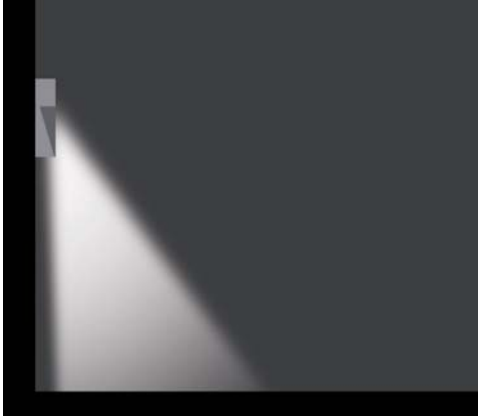
Auf Anfrage

- Weitere Ausführungen und Größen
- DALI

- LED wall and recessed mounted luminaire
- 3 different sizes aluminum
- Surface treatment of aluminium: pickling+ phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Housing colors anthracite and aluminium grey
- Polycarbonate diffuser
- Phase cut dimming
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

- Other versions and sizes
- DALI



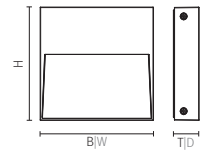
STAMP
LED Wandan- und Einbauleuchte | LED wall and recessed mounted luminaire
230V/50Hz / CRI >80

Aufbau | Surface mounted

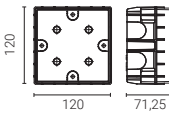
L110xB/W110xT/D25 mm			4,5 W
4000 K	● STAMPA-4NW6	● STAMPA-4NW7	210 lm
3000 K	● STAMPA-4WW6	● STAMPA-4WW7	210 lm
L175xB/W175xT/D30 mm			10 W
4000 K	● STAMPA-8NW6	● STAMPA-8NW7	510 lm
3000 K	● STAMPA-8WW6	● STAMPA-8WW7	510 lm

Einbau | Recessed mounted

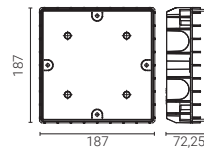
L110xB/W110xT/D25 mm			4,5 W
4000 K	● STAMPE-4NW6	● STAMPE-4NW7	210 lm
3000 K	● STAMPE-4WW6	● STAMPE-4WW7	210 lm
L175xB/W175xT/D30 mm			10 W
4000 K	● STAMPE-8NW6	● STAMPE-8NW7	510 lm
3000 K	● STAMPE-8WW6	● STAMPE-8WW7	510 lm



Einbaudose | Installation box



C-STAMP120*
Für | For: STAMPE-4

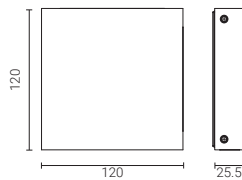


C-STAMP187*
Für | For: STAMPE-8

*Im Lieferumfang enthalten (STAMPE) | Included in the delivery (STAMPE)

STAMP
LED Wandanbauleuchte | LED wall mounted luminaire
230V/50Hz / L120xB/W120xT/D25,5 mm / CRI >80

	1-facher Lichtaustritt 1light beam		3 W	
	4000 K	● STAMP1-3NW6	● STAMP1-3NW7	180 lm
	3000 K	● STAMP1-3WW6	● STAMP1-3WW7	180 lm
	2-facher Lichtaustritt 2light beam		6 W	
	4000 K	● STAMP2-6NW6	● STAMP2-6NW7	360 lm
	3000 K	● STAMP2-6WW6	● STAMP2-6WW7	360 lm

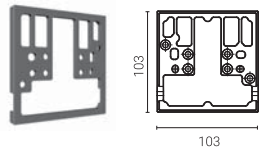


Zubehör | Accessories

Abstandhalter | Spacer

Für | For: STAMPA-4, STAMP1, STAMP2

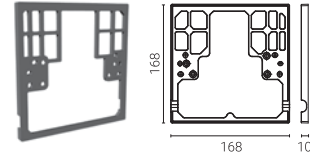
Z-STAMP103



Abstandhalter | Spacer

Für | For: STAMPA-8

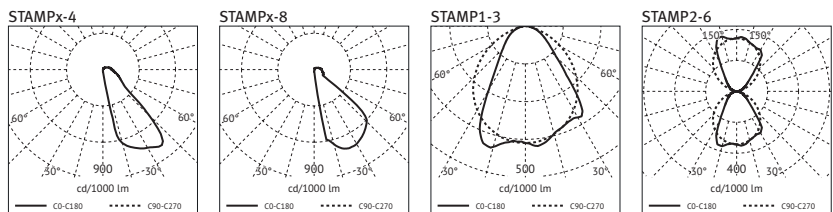
Z-STAMP168



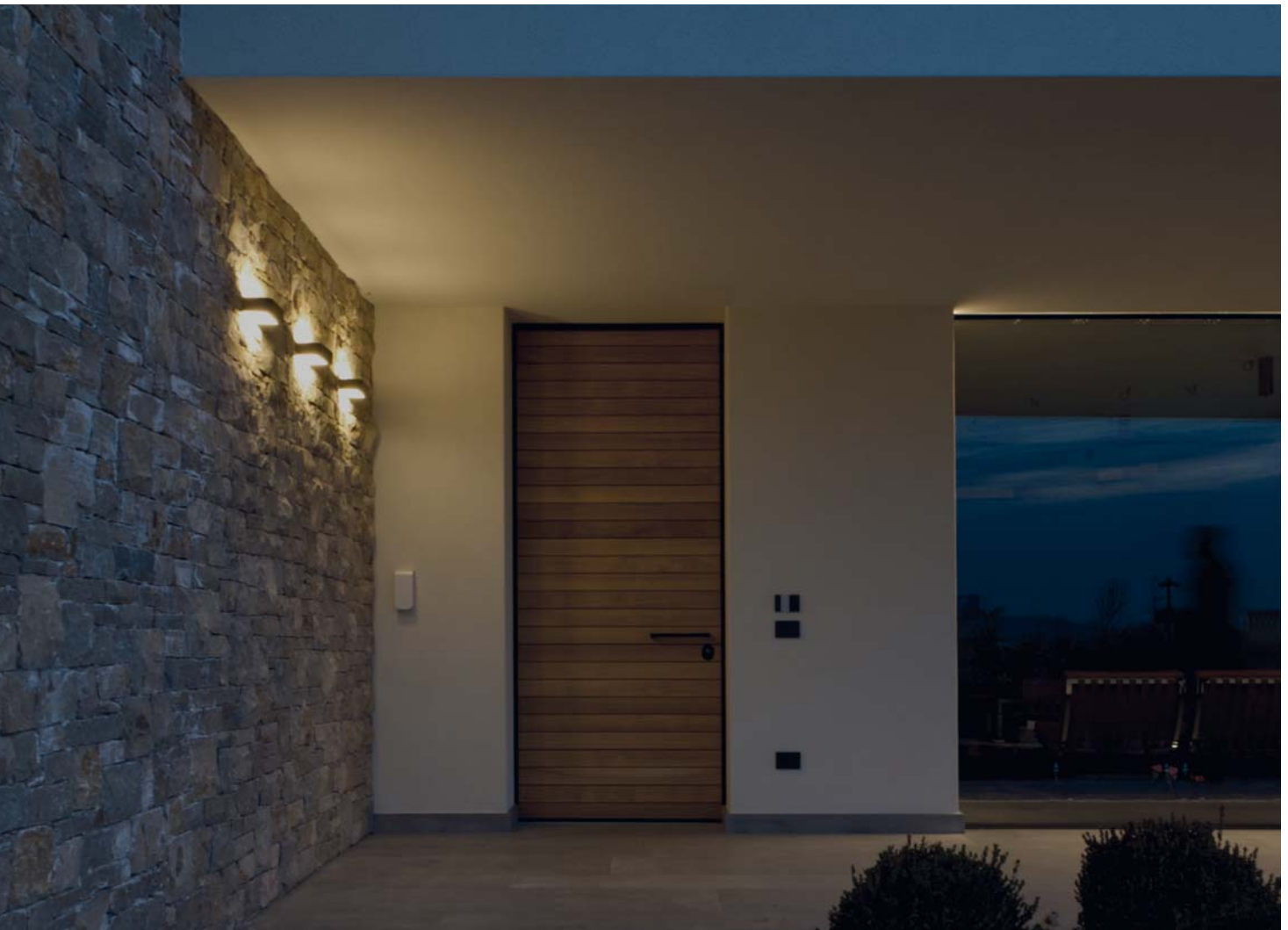
Für seitliche Kabeleinführung, Durchgangsverdrahtung möglich | For lateral cable entry, through wiring possible



● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



METOO



- LED Wand- und Deckenanbauleuchte
- Gehäuse aus Aluminiumdruckguss
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Schutzart: IP65
- Schutzklasse: I
- Direktanschluß an 230V (ohne externes Netzteil)

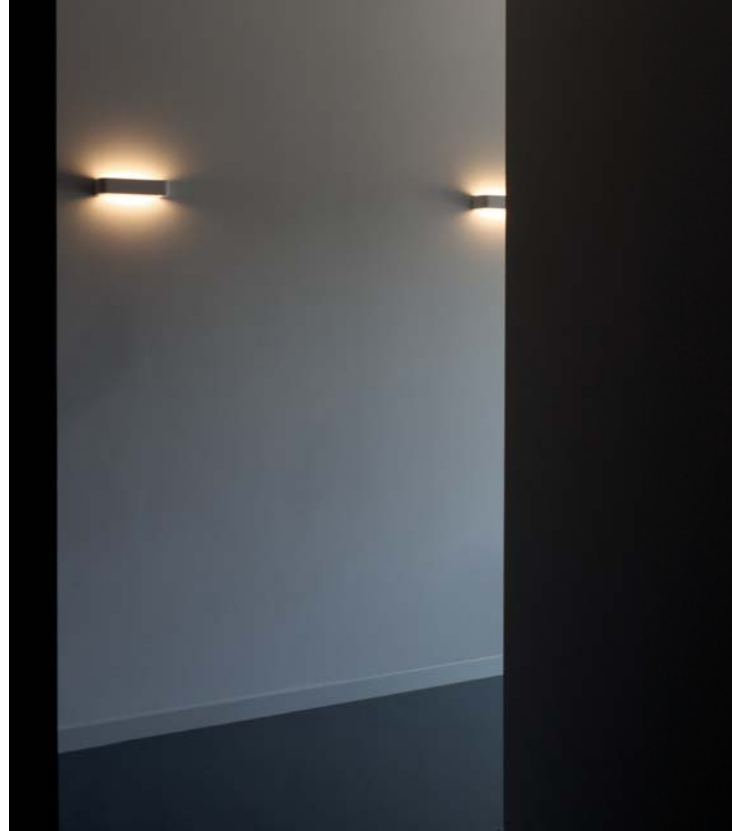
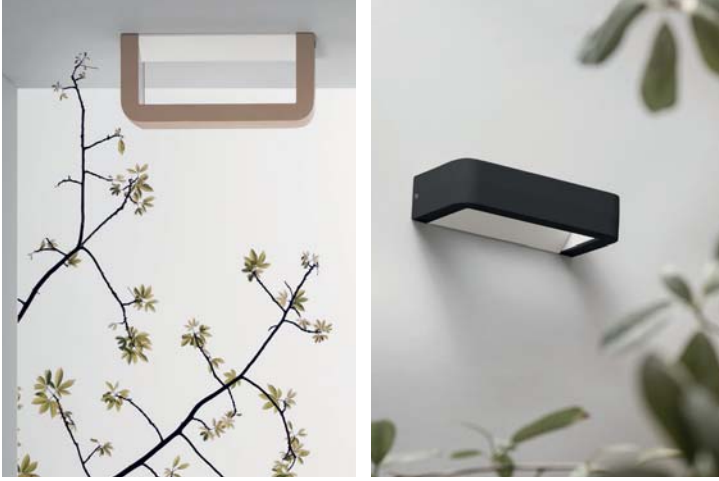
Auf Anfrage

- 2700 K
- Farbe corten
- Poller H100 mm und 700 mm

- LED wall and ceiling mounted luminaire
- Body made of die-cast aluminium
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Protection Rating: IP65
- Protection Class: I
- Direct connection to 230V (without external power supply)

On request

- 2700 K
- Corten color
- Bollards H100 mm and 700 mm

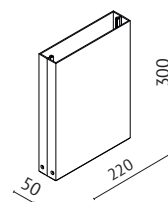
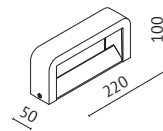


METOO
LED Wand- und Deckenanbauleuchte | LED wall and ceiling mounted luminaire
220-240V / CRI >80

L220 x T/D50 x 100 mm				10 W	
4000 K	○ MET-14NW1	● MET-14NW6	● MET-14NW7	● MET-14NW8	381 lm
3000 K	○ MET-14WW1	● MET-14WW6	● MET-14WW7	● MET-14WW8	362 lm

Standfuß | Stand
L220 x T/D50 x H300 mm

○ Z-PMET1	● Z-PMET6	● Z-PMET7	● Z-PMET8
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Zubehör | Accessories

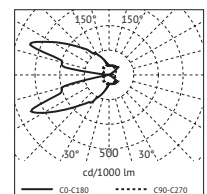


Ankerplatte | Anchor plate

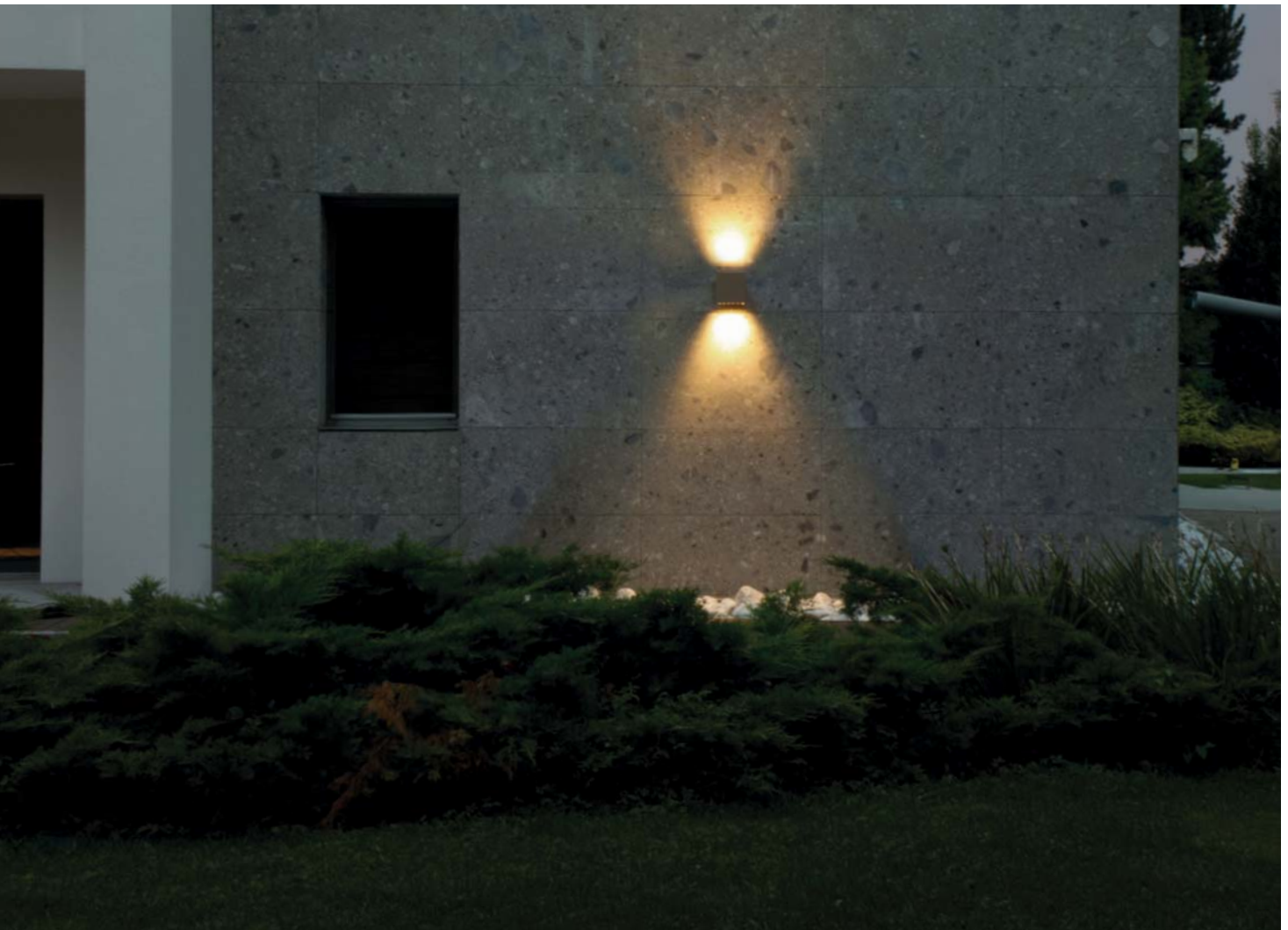
A-ZE



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



DIVAR W



- LED Wandleuchte
- Gehäuse aus Aluminium
- Erhältlich mit einfachem oder zweifachem Lichtaustritt
- Pulverbeschichtet
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- IP-Anschlüsse und Inox-Befestigungsklemme im Lieferumfang enthalten
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Ausstrahlwinkel 19°
- 2700 K
- Farbe corten

- LED wall luminaire
- Body made of aluminium
- Available with single or double light emission
- Powder coated
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- IP connectors and inox fixing clamp included
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

- Beam angle 19°
- 2700 K
- Corten color



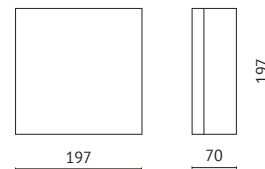
DIVAR
LED Wandleuchte | Wall luminaires
220-240V / CRI >80

Einfacher Lichtaustritt | One-sided light emission

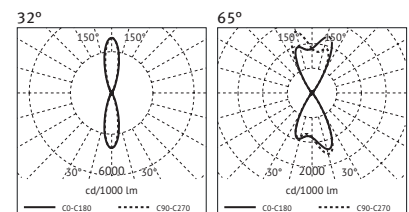
Beam angle	Power	Color temperature				Lumen
32°	15 W	4000 K	3000 K			
		○ DIV-15NW1	● DIV-15NW6	● DIV-15NW7	● DIV-15NW8	1236 lm
		○ DIV-15WW1	● DIV-15WW6	● DIV-15WW7	● DIV-15WW8	1177 lm
65°	15 W	4000 K	3000 K			
		○ DIV-15NW1F	● DIV-15NW6F	● DIV-15NW7F	● DIV-15NW8F	1194 lm
		○ DIV-15WW1F	● DIV-15WW6F	● DIV-15WW7F	● DIV-15WW8F	1137 lm

Zweifacher Lichtaustritt | Two-sided light emission

Beam angle	Power	Color temperature				Lumen
32°	30 W	4000 K	3000 K			
		○ DIV-30NW1	● DIV-30NW6	● DIV-30NW7	● DIV-30NW8	2x 1236 lm
		○ DIV-30WW1	● DIV-30WW6	● DIV-30WW7	● DIV-30WW8	2x 1177 lm
65°	30 W	4000 K	3000 K			
		○ DIV-30NW1F	● DIV-30NW6F	● DIV-30NW7F	● DIV-30NW8F	2x 1194 lm
		○ DIV-30WW1F	● DIV-30WW6F	● DIV-30WW7F	● DIV-30WW8F	2x 1137 lm



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



TALON W



- LED Wandleuchte
- Gehäuse aus Aluminium
- Pulverbeschichtet
- Erhältlich mit einfachem oder zweifachem Lichtaustritt
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- 2700 K
- Farbe corten

- LED wall luminaire
- Body made of aluminium
- Powder coated
- Available with single or double light emission
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

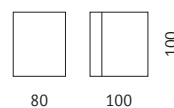
- 2700 K
- Corten color



TALON
LED Wandleuchte | Wall luminare
220-240V / CRI >80

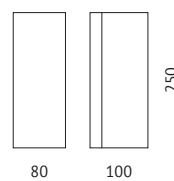
Einfacher Lichtaustritt | One-sided light emission

Beam Angle	Power	4000 K	3000 K	4000 K	3000 K	4000 K	3000 K	4000 K	3000 K	Lumen
19°	11 W	TAL-10NW1	TAL-10WW1	TAL-10NW6	TAL-10WW6	TAL-10NW7	TAL-10WW7	TAL-10NW08	TAL-10WW08	836 lm
	11 W	TAL-10NW1M	TAL-10WW1M	TAL-10NW6M	TAL-10WW6M	TAL-10NW7M	TAL-10WW7M	TAL-10NW08M	TAL-10WW08M	840 lm
32°	11 W	TAL-10NW1	TAL-10WW1	TAL-10NW6	TAL-10WW6	TAL-10NW7	TAL-10WW7	TAL-10NW08	TAL-10WW08	796 lm
	11 W	TAL-10NW1M	TAL-10WW1M	TAL-10NW6M	TAL-10WW6M	TAL-10NW7M	TAL-10WW7M	TAL-10NW08M	TAL-10WW08M	800 lm
65°	11 W	TAL-10NW1F	TAL-10WW1F	TAL-10NW6F	TAL-10WW6F	TAL-10NW7F	TAL-10WW7F	TAL-10NW08F	TAL-10WW08F	798 lm
	11 W	TAL-10NW1M	TAL-10WW1M	TAL-10NW6M	TAL-10WW6M	TAL-10NW7M	TAL-10WW7M	TAL-10NW08M	TAL-10WW08M	760 lm

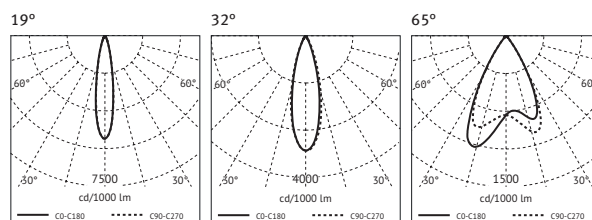


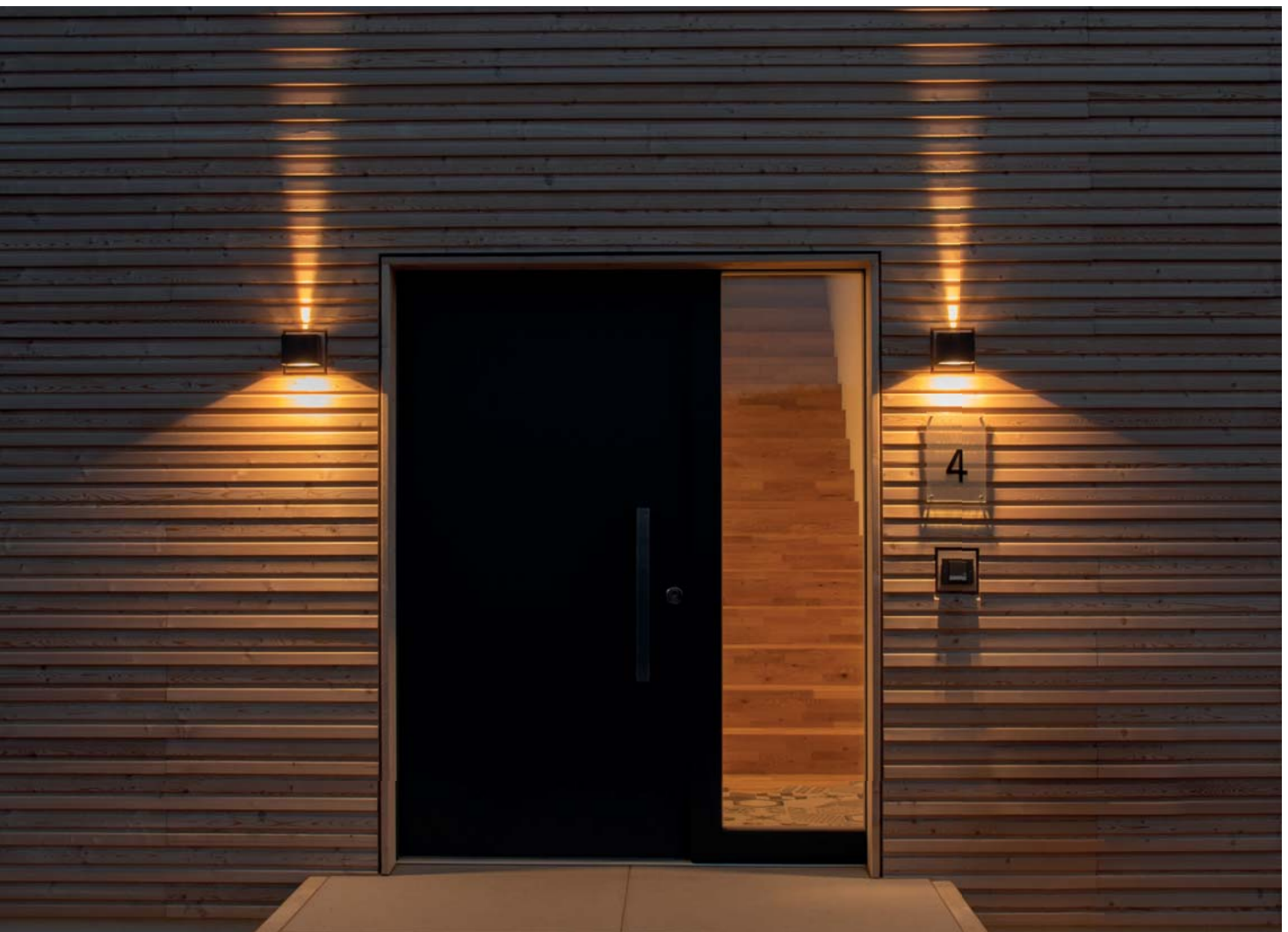
Zweifacher Lichtaustritt | Two-sided light emission

Beam Angle	Power	4000 K	3000 K	4000 K	3000 K	4000 K	3000 K	4000 K	3000 K	Lumen
19°	19 W	TAL-19NW1	TAL-19WW1	TAL-19NW6	TAL-19WW6	TAL-19NW7	TAL-19WW7	TAL-19NW08	TAL-19WW08	1672 lm
	19 W	TAL-19NW1M	TAL-19WW1M	TAL-19NW6M	TAL-19WW6M	TAL-19NW7M	TAL-19WW7M	TAL-19NW08M	TAL-19WW08M	1680 lm
32°	19 W	TAL-19NW1	TAL-19WW1	TAL-19NW6	TAL-19WW6	TAL-19NW7	TAL-19WW7	TAL-19NW08	TAL-19WW08	1593 lm
	19 W	TAL-19NW1M	TAL-19WW1M	TAL-19NW6M	TAL-19WW6M	TAL-19NW7M	TAL-19WW7M	TAL-19NW08M	TAL-19WW08M	1600 lm
65°	19 W	TAL-19NW1F	TAL-19WW1F	TAL-19NW6F	TAL-19WW6F	TAL-19NW7F	TAL-19WW7F	TAL-19NW08F	TAL-19WW08F	1596 lm
	19 W	TAL-19NW1M	TAL-19WW1M	TAL-19NW6M	TAL-19WW6M	TAL-19NW7M	TAL-19WW7M	TAL-19NW08M	TAL-19WW08M	1520 lm



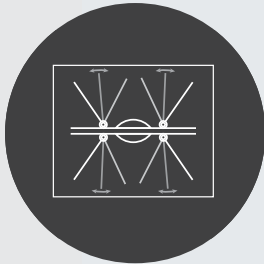
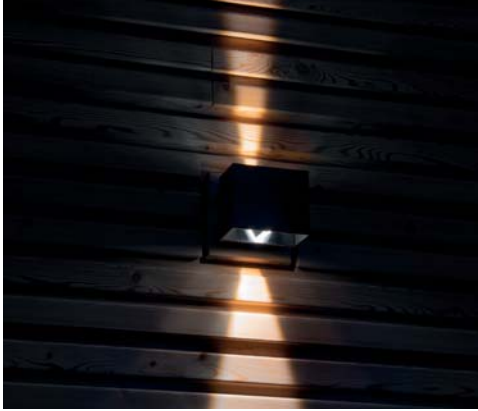
○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand





- LED Wandanbauleuchte
- Gehäuse aus Aluminiumdruckguss
- Erhältlich in den Farben weiß und anthrazit
- 2-facher Lichtaustritt nach oben und unten
- Ausstrahlwinkel einstellbar 15°-120°
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

- LED wall mounted luminaire
- Body of die-cast aluminium
- Housing colors white and anthracite
- 2 light emissions
- Beam angle adjustable 15°-120°
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

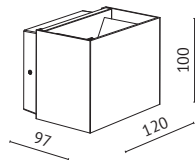


Individuell einstellbar 15° - 120°
Individually adjustable 15° - 120°

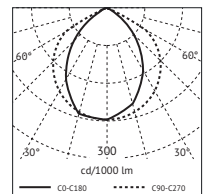


UWL
LED Wandenbauleuchte | LED wall mounted luminaire
▲ 15°-120° / 230V / CRI >80

L120 x B/W97 x H100 mm 10 W
3000 K ○ **UWL-10WW1EF** ● **UWL-10WW6EF** 832 lm



○ Weiß | White ● Anthrazit | Anthracite



WASH 22



Auch bei installierter Leuchte lässt sich der Parabolreflektor problemlos einstellen. Den Reflektor anheben, um 180° drehen und wieder befestigen.

The parabolic reflector can be easily adjusted even when the luminaire is installed. Lift the reflector, turn it 180° and fasten it again.



Opalglas
Opal glass



Transparentes Glas
Clear glass

WASH 22 rechteckig | rectangular
LED Wandleuchte | LED wall luminaire
230V/50Hz / CRI >80

Opalglas | Opal glass

1-facher Lichtaustritt | One-sided light emission 9 W

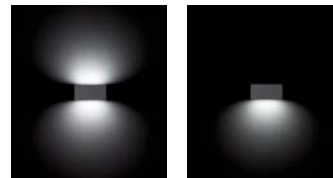
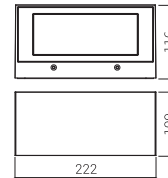
4000 K	○ WASH22-1NW1	● WASH22-1NW6	● WASH22-1NW7	674 lm
3000 K	○ WASH22-1WW1	● WASH22-1WW6	● WASH22-1WW7	674 lm

18W - E27 ○ WASH22-1811 ● WASH22-1816 ● WASH22-1817

2-facher Lichtaustritt | 2light beam 18 W

4000 K	○ WASH22-2NW1	● WASH22-2NW6	● WASH22-2NW7	1348 lm
3000 K	○ WASH22-2WW1	● WASH22-2WW6	● WASH22-2WW7	1348 lm

18W - E27 ○ WASH22-1821 ● WASH22-1826 ● WASH22-1827



Asymmetrischer Reflektor mit Doppelfunktion | Asymmetric reflector with dual function

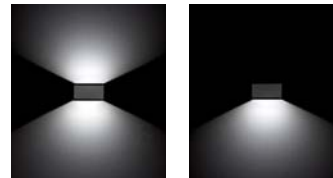
Transparentes Glas | Clear glass

1-facher Lichtaustritt | One-sided light emission 11 W

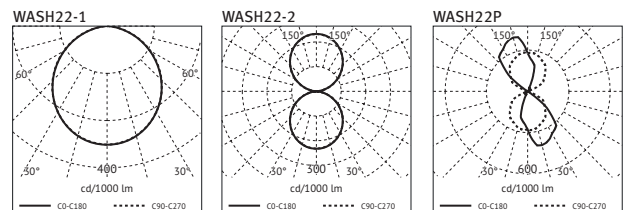
4000 K	○ WASH22P-1NW1	● WASH22P-1NW6	● WASH22P-1NW7	1150 lm
3000 K	○ WASH22P-1WW1	● WASH22P-1WW6	● WASH22P-1WW7	1150 lm

2-facher Lichtaustritt | 2light beam 22 W

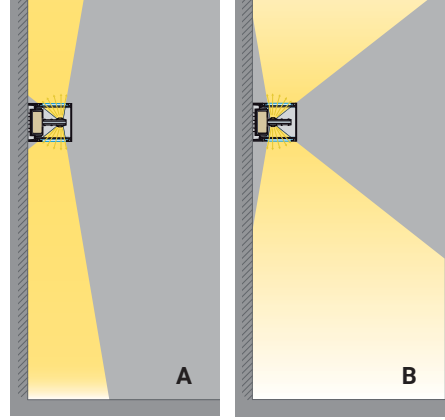
4000 K	○ WASH22P-2NW1	● WASH22P-2NW6	● WASH22P-2NW7	2300 lm
3000 K	○ WASH22P-2WW1	● WASH22P-2WW6	● WASH22P-2WW7	2300 lm



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



WASH 24



Asymmetrischer Reflektor mit Doppelfunktion.
Asymmetric reflector with dual function.



Opalglas
Opal glass



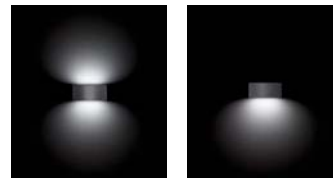
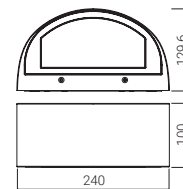
Transparentes Glas
Clear glass

WASH 24 parabolisch | parabolic
LED Wandleuchte | LED wall luminaire
230V/50Hz / CRI >80

Opalglas | Opal glass

1-facher Lichtaustritt One-sided light emission		9 W	
4000 K	○ WASH24-1NW1 ● WASH24-1NW6 ● WASH24-1NW7	674 lm	
3000 K	○ WASH24-1WW1 ● WASH24-1WW6 ● WASH24-1WW7	674 lm	
🔌 18W - E27 ○ WASH24-1811 ● WASH24-1816 ● WASH24-1817			

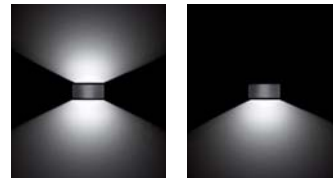
2-facher Lichtaustritt Two-sided light emission		18 W	
4000 K	○ WASH24-2NW1 ● WASH24-2NW6 ● WASH24-2NW7	1348 lm	
3000 K	○ WASH24-2WW1 ● WASH24-2WW6 ● WASH24-2WW7	1348 lm	
🔌 18W - E27 ○ WASH24-1821 ● WASH24-1826 ● WASH24-1827			



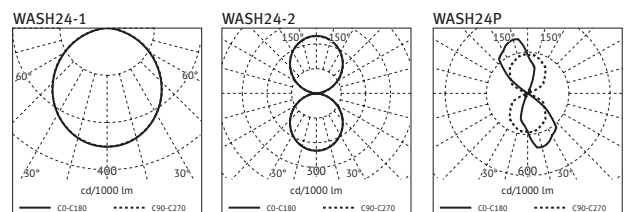
Asymmetrischer Reflektor mit Doppelfunktion | Asymmetric reflector with dual function

Transparentes Glas | Clear glass

1-facher Lichtaustritt One-sided light emission		11 W	
4000 K	○ WASH24P-1NW1 ● WASH24P-1NW6 ● WASH24P-1NW7	1150 lm	
3000 K	○ WASH24P-1WW1 ● WASH24P-1WW6 ● WASH24P-1WW7	1150 lm	
2-facher Lichtaustritt Two-sided light emission		22 W	
4000 K	○ WASH24P-2NW1 ● WASH24P-2NW6 ● WASH24P-2NW7	2300 lm	
3000 K	○ WASH24P-2WW1 ● WASH24P-2WW6 ● WASH24P-2WW7	2300 lm	



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



WASH 42/52



- LED Wandleuchte mit Wallwasher-Effekt
- 2 verschiedene Ausführungen aus Aluminiumdruckguss
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben weiß, anthrazit und aluminiumgrau
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

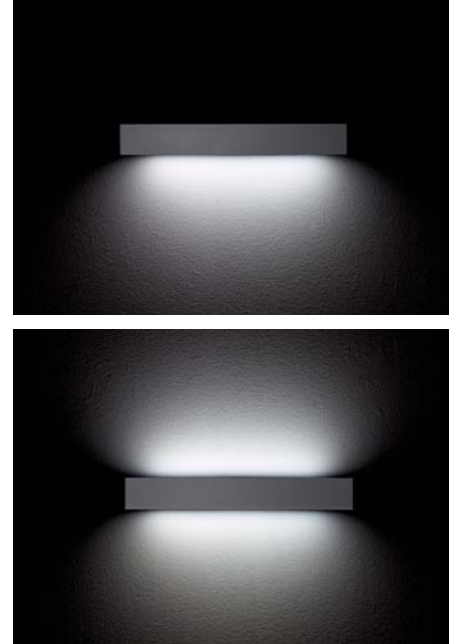
Auf Anfrage

- Dimmbar (1-10V, Push-Dim, DALI)
- Notlichttaugliche Vorschaltgeräte
- Bewegungssensor
- 2700 K
- Farbe corten

- LED wall mounted luminaire with wall washer effect
- 2 different version of die-cast aluminium
- Surface treatment of aluminium: pickling+ phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Housing colors white, anthracite and aluminium grey
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

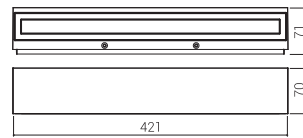
- Dimmable (1-10V, Push-Dim, DALI)
- Emergency lighting ballasts
- Motion sensor
- 2700 K
- Corten color



WASH 42
LED Wandleuchte | LED wall luminaire
230V/50Hz / CRI >80

Gefrästes Opalglas | Milled opal glass

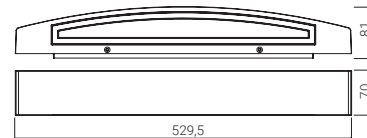
1-facher Lichtaustritt One-sided light emission		13 W	
4000 K	○ WASH42-1NW1 ● WASH42-1NW6 ● WASH42-1NW7	892 lm	
3000 K	○ WASH42-1WW1 ● WASH42-1WW6 ● WASH42-1WW7	892 lm	
2-facher Lichtaustritt Two-sided light emission		26 W	
4000 K	○ WASH42-2NW1 ● WASH42-2NW6 ● WASH42-2NW7	1784 lm	
3000 K	○ WASH42-2WW1 ● WASH42-2WW6 ● WASH42-2WW7	1784 lm	



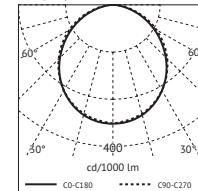
WASH 52
LED Wandleuchte | LED wall luminaire
230V/50Hz / CRI >80

Gefrästes Opalglas | Milled opal glass

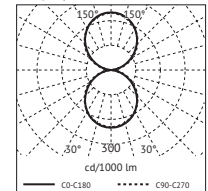
1-facher Lichtaustritt One-sided light emission		13 W	
4000 K	○ WASH52-1NW1 ● WASH52-1NW6 ● WASH52-1NW7	892 lm	
3000 K	○ WASH52-1WW1 ● WASH52-1WW6 ● WASH52-1WW7	892 lm	
2-facher Lichtaustritt Two-sided light emission		26 W	
4000 K	○ WASH52-2NW1 ● WASH52-2NW6 ● WASH52-2NW7	1748 lm	
3000 K	○ WASH52-2WW1 ● WASH52-2WW6 ● WASH52-2WW7	1748 lm	



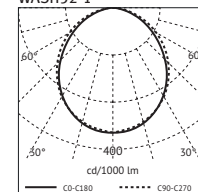
WASH42-1



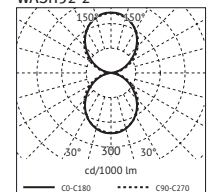
WASH42-2



WASH52-1



WASH52-2



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey

K3 MINILED



- LED Wandleuchte
- Gehäuse aus Aluminiumdruckguss
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben weiß, anthrazit und aluminiumgrau
- LED-Einheit um 10° verstellbar
- Schutzart: IP65
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil

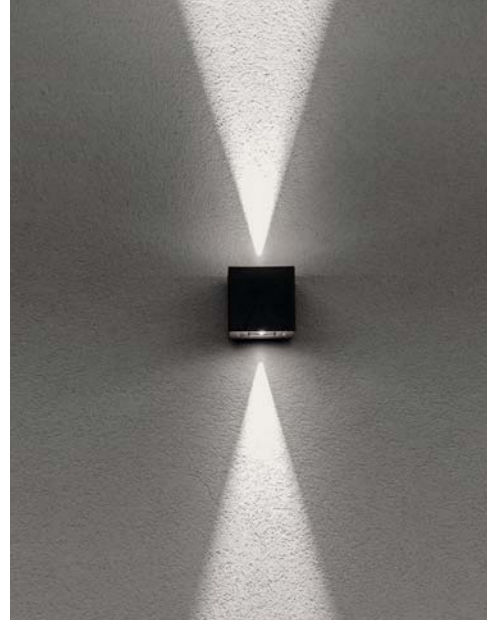
Auf Anfrage

- 2700K
- Gehäuse Edelstahl
- 15° Reflektor
- Farbe corten

- LED wall luminaire
- Body of die-cast aluminium
- Surface treatment of aluminium: pickling+ phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Housing colors white, anthracite and aluminium grey
- LED unit adjustable by 10°
- Protection Rating: IP65
- Protection Class: II
- Built-in electronic power supply

On request

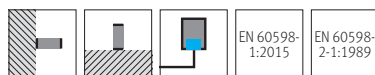
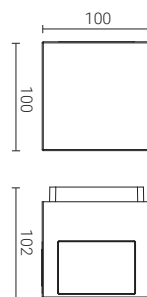
- 2700K
- Housing of stainless steel
- Reflector 15°
- Color corten



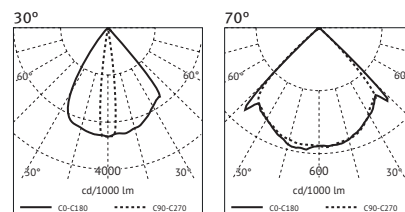
K3 MNILED
LED Wandleuchte | LED wall luminaire
230V/50Hz / CRI >80

Gefrästes und gehärtetes Glas | Milled and tempered glass

	∧ 1x 30°	1-facher Lichtaustritt One-sided light emission		4 W	
	4000 K	○ K3-1NW1E	● K3-1NW6E	● K3-1NW7E	36 lm
	3000 K	○ K3-1WW1E	● K3-1WW6E	● K3-1WW7E	36 lm
	∧ 1x 70°			4 W	
	4000 K	○ K3-1NW1B	● K3-1NW6B	● K3-1NW7B	200 lm
	3000 K	○ K3-1WW1B	● K3-1WW6B	● K3-1WW7B	200 lm
	∧ 2x 30°	2-facher Lichtaustritt Two-sided light emission		7 W	
	4000 K	○ K3-2NW1E	● K3-2NW6E	● K3-2NW7E	72 lm
	3000 K	○ K3-2WW1E	● K3-2WW6E	● K3-2WW7E	72 lm
	∧ 2x 70°			7 W	
	4000 K	○ K3-2NW1B	● K3-2NW6B	● K3-2NW7B	400 lm
	3000 K	○ K3-2WW1B	● K3-2WW6B	● K3-2WW7B	400 lm
	∧ 30°/70°			7 W	
	4000 K	○ K3-2NW1EB	● K3-2NW6EB	● K3-2NW7EB	236 lm
	3000 K	○ K3-2WW1EB	● K3-2WW6EB	● K3-2WW7EB	236 lm
	∧ 4x 30°	4-facher Lichtaustritt Four-sided light emission		14 W	
	4000 K	○ K3-4NW1E	● K3-4NW6E	● K3-4NW7E	144 lm
	3000 K	○ K3-4WW1E	● K3-4WW6E	● K3-4WW7E	144 lm
	∧ 4x 70°			14 W	
	4000 K	○ K3-4NW1B	● K3-4NW6B	● K3-4NW7B	800 lm
	3000 K	○ K3-4WW1B	● K3-4WW6B	● K3-4WW7B	800 lm



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



K3 POWER



- LED Wandleuchte
- Gehäuse aus Aluminiumdruckguss
- Oberflächenbehandlung für Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben weiß, anthrazit und aluminiumgrau
- Schutzart: IP65
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil

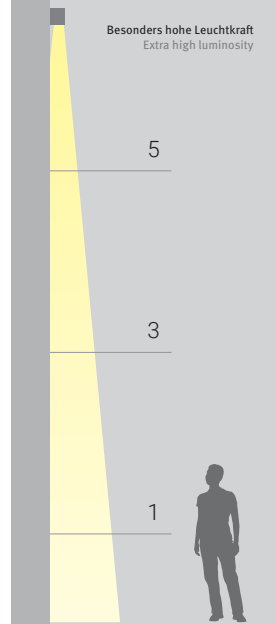
Auf Anfrage

- Gehäuse Edelstahl
- RGBW
- Ausführung mit 3 Lichtaustritten

- LED wall luminaire
- Body of die-cast aluminium
- Surface treatment of aluminium: pickling+ phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Housing colors white, anthracite and aluminium grey
- Protection Rating: IP65
- Protection Class: II
- Built-in electronic power supply

On request

- Housing of stainless steel
- RGBW
- Version with 3 light emissions



K3 POWER
LED Wandleuchte | LED wall luminaire
230V/50Hz / CRI >80

Gefrästes und gehärtetes Glas | Milled and tempered glass

Beam angle	Light emission	Power
1x 20°	1-facher Lichtaustritt One-sided light emission	11 W
4000 K	○ K3-1NW1PE ● K3-1NW6PE ● K3-1NW7PE	1060 lm
3000 K	○ K3-1WW1PE ● K3-1WW6PE ● K3-1WW7PE	1060 lm

Beam angle	Light emission	Power
1x 50°		11 W
4000 K	○ K3-1NW1PB ● K3-1NW6PB ● K3-1NW7PB	927 lm
3000 K	○ K3-1WW1PB ● K3-1WW6PB ● K3-1WW7PB	927 lm

Beam angle	Light emission	Power
2x 20°	2-facher Lichtaustritt Two-sided light emission	22 W
4000 K	○ K3-2NW1PE ● K3-2NW6PE ● K3-2NW7PE	2120 lm
3000 K	○ K3-2WW1PE ● K3-2WW6PE ● K3-2WW7PE	2120 lm

Beam angle	Light emission	Power
2x 50°		22 W
4000 K	○ K3-2NW1PB ● K3-2NW6PB ● K3-2NW7PB	1854 lm
3000 K	○ K3-2WW1PB ● K3-2WW6PB ● K3-2WW7PB	1854 lm

Beam angle	Light emission	Power
20°/50°		22 W
4000 K	○ K3-2NW1PEB ● K3-2NW6PEB ● K3-2NW7PEB	1987 lm
3000 K	○ K3-2WW1PEB ● K3-2WW6PEB ● K3-2WW7PEB	1987 lm

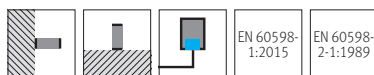
Beam angle	Light emission	Power
1x 20°	1-facher Lichtaustritt One-sided light emission	19 W
	○ K3-18NW1E ● K3-18NW6E ● K3-18NW7E	1920 lm
	○ K3-18WW1E ● K3-18WW6E ● K3-18WW7E	1920 lm

Beam angle	Light emission	Power
1x 50°		19 W
	○ K3-18NW1B ● K3-18NW6B ● K3-18NW7B	1690 lm
	○ K3-18WW1B ● K3-18WW6B ● K3-18WW7B	1690 lm

Beam angle	Light emission	Power
2x 20°	2-facher Lichtaustritt Two-sided light emission	36 W
	○ K3-36NW1E ● K3-36NW6E ● K3-36NW7E	3800 lm
	○ K3-36WW1E ● K3-36WW6E ● K3-36WW7E	3800 lm

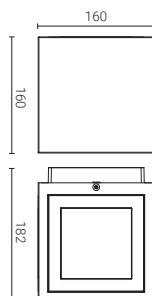
Beam angle	Light emission	Power
2x 50°		36 W
	○ K3-36NW1B ● K3-36NW6B ● K3-36NW7B	3380 lm
	○ K3-36WW1B ● K3-36WW6B ● K3-36WW7B	3380 lm

Beam angle	Light emission	Power
20°/50°		36 W
	○ K3-36NW1EB ● K3-36NW6EB ● K3-36NW7EB	3610 lm
	○ K3-36WW1EB ● K3-36WW6EB ● K3-36WW7EB	3610 lm



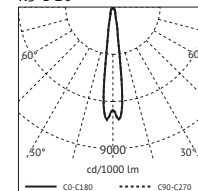
EN 60598-1:2015

EN 60598-2-1:1989

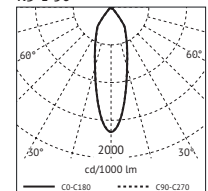


○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey

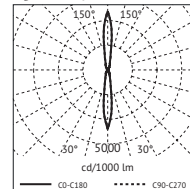
K3-1 20°



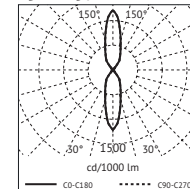
K3-1 50°



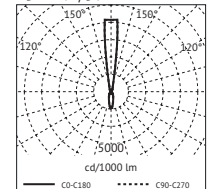
K3-2 2x 20°



K3-2 2x 50°

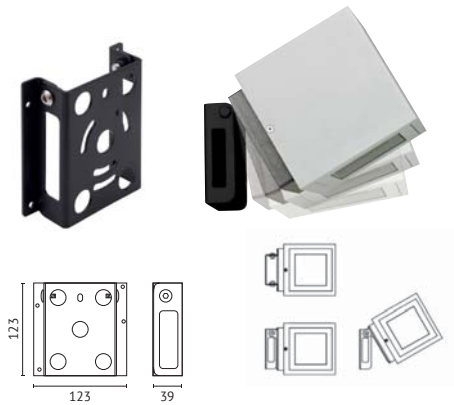


K3-2 20°/50°



K3 POWER

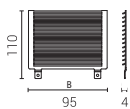
Zubehör | Accessories



Befestigungsplatte | Articulated bracket

Z-BK3POWER

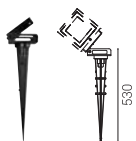
Bügel zur Wandmontage, max. Drehung 90°, schwarz
Bracket for wall mounting, wall mounting, 90° pivotable, black



Abblendgitter | Anti-glare louvre

Z-AK3POWER

Zur Innenmontage | To be installed inside



Erdspieß | Spike

S-K3POWER

Inkl. Befestigungsplatte
With articulated bracket



Edelstahlplatte | Stainless steel plate

A-K3POWER

Inkl. Befestigungsplatte
With articulated bracket





K3 WRITER



- LED Wandleuchte
- Gehäuse aus Aluminiumdruckguss
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben weiß, anthrazit und aluminiumgrau
- Schutzart: IP65
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Gehäuse Edelstahl
- Dimmbar (1-10V, Push-Dim, DALI)
- Ausführung mit 3 Lichtaustritten

- LED wall luminaire
- Body of die-cast aluminium
- Surface treatment: pickling+ phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Housing colors white, anthracite and aluminium grey
- Protection Rating: IP65
- Protection Class: II
- Built-in electronic power supply

On request

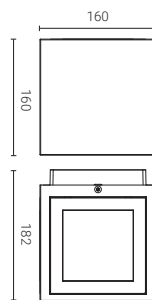
- Housing of stainless steel
- Dimmable (1-10V, Push-Dim, DALI)
- Version with 3 light emissions



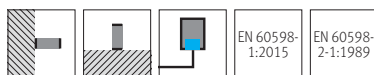
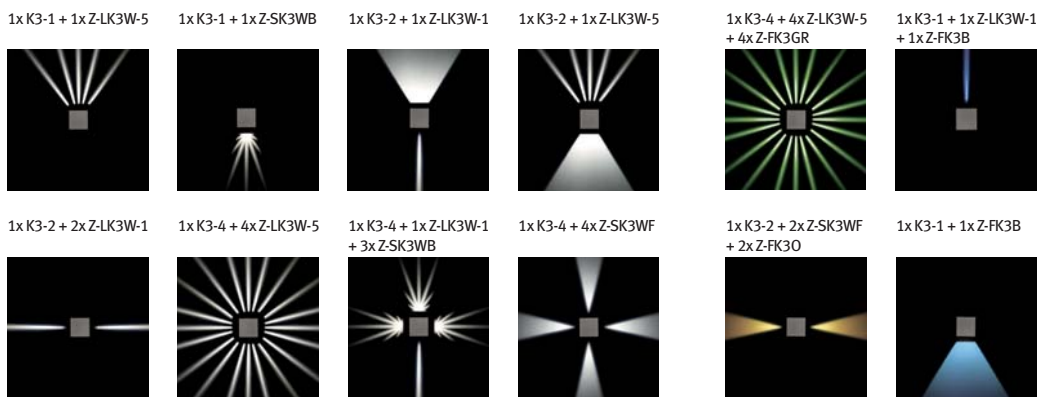
K3 Writer
LED Wandleuchte | LED wall luminaire
230V/50Hz / CRI >80

Gefrästes und gehärtetes Glas | Milled and tempered glass

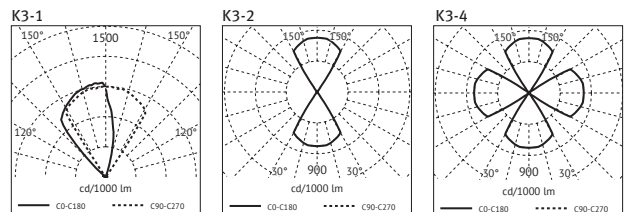
Beam angle	Light emission	Power	Color temperature options			Light output (lm)	
1x 70°	1-facher Lichtaustritt One-sided light emission	8 W	4000 K	○ K3-1NW1WB	● K3-1NW6WB	● K3-1NW7WB	168 lm
			3000 K	○ K3-1WW1WB	● K3-1WW6WB	● K3-1WW7WB	168 lm
2x 70°	2-facher Lichtaustritt Two-sided light emission	12 W	4000 K	○ K3-2NW1WB	● K3-2NW6WB	● K3-2NW7WB	334 lm
			3000 K	○ K3-2WW1WB	● K3-2WW6WB	● K3-2WW7WB	334 lm
4x 70°	4-facher Lichtaustritt Four-sided light emission	24 W	4000 K	○ K3-4NW1WB	● K3-4NW6WB	● K3-4NW7WB	668 lm
			3000 K	○ K3-4WW1WB	● K3-4WW6WB	● K3-4WW7WB	668 lm



Beispiele (Zubehör siehe Folgeseite) | Examples (accessories see see following page)

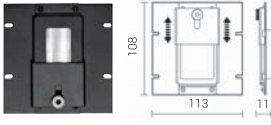
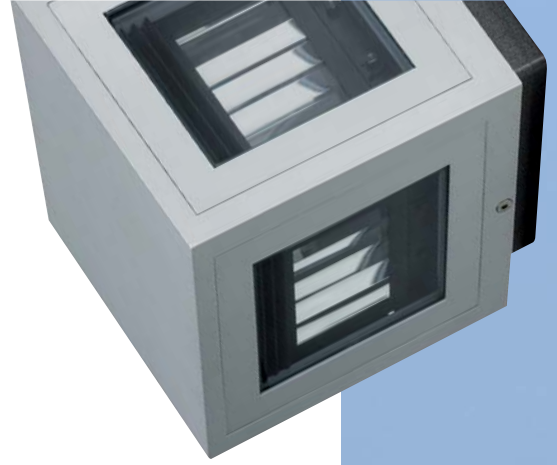


○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



K3 WRITER

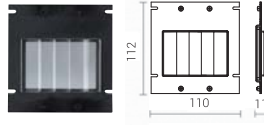
Zubehör | Accessories



Konvexlinse für 1 Streifen
Converging lens for 1 blade

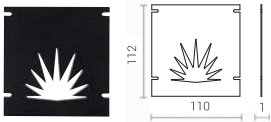
Z-LK3W-1

Reines Borosilikatglas mit seitlichen Einstellungsösen
Abschlussstück mit Verriegelung zum Verschluss des Kanals. Schwarzer Edelstahlrahmen
Pure borosilicate glass, screws/oval buttonholes connection for side regulation
Adjustable plate to reduce the light length. Black steel holding frame



Konvexlinse für 5 Streifen
Converging lens for 5 blades

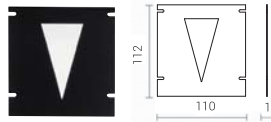
Z-LK3W-5



Blattschablone | Leaf shape

Z-SK3WB

Edelstahl, Schwarz
Stainless steel, black



30° Formscheibe | 30° shape

Z-SK3WF

Edelstahl, Schwarz
Stainless steel, black

Farbfilter für 1 Lichtaustritt | Color filter for 1 emission



Z-FK3R
Rot | Red



Z-FK3GR
Grün | Green

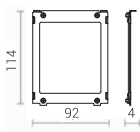


Z-FK3B
Blau | Blue



Z-FK3O
Orange | Orange

Reines Borosilikatglas, Schwarzer Edelstahlrahmen | Colored glass, black steel frame





SMALL MIDI MAXI SUPERMAXI



- LED Wand- und Deckenleuchte
- 6 verschiedene Längen
- Gehäuse aus stranggepresstem Aluminium
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben schwarz und aluminiumgrau
- Schutzart: IP65
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Notlicht
- AC/DC taugliche Netzteile

- LED wall and ceiling mounted luminaire
- 6 different lengths
- Body of extruded aluminium
- Surface treatment of aluminium: pickling + phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Housing colors black and aluminium grey
- Protection Rating: IP65
- Protection Class: II
- Built-in electronic power supply

On request

- Emergency kit
- Suitable ballasts for AC/DC



LED Wand- und Deckenleuchte | LED wall and ceiling mounted luminaire
230V/50Hz / CRI >80



SMALL



L207 mm			8,5 W
4000 K	● SMALL-8NW2	● SMALL-8NW7	419 lm
3000 K	● SMALL-8WW2	● SMALL-8WW7	419 lm

MIDI



L323 mm			17 W
4000 K	● MIDI-17NW2	● MIDI-17NW7	838 lm
3000 K	● MIDI-17WW2	● MIDI-17WW7	838 lm

MAXI



L551 mm			34 W
4000 K	● MAXI-34NW2	● MAXI-34NW7	1677 lm
3000 K	● MAXI-34WW2	● MAXI-34WW7	1677 lm

SUPERMAXI



L1007 mm			20 W
4000 K	● SMAXI-20NW2	● SMAXI-20NW7	1192 lm
3000 K	● SMAXI-20WW2	● SMAXI-20WW7	1192 lm

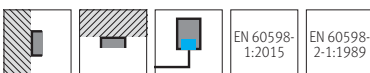
L1578 mm			34 W
4000 K	● SMAXI-34NW2	● SMAXI-34NW7	2039 lm
3000 K	● SMAXI-34WW2	● SMAXI-34WW7	2039 lm

			40 W
4000 K	● SMAXI-40NW2	● SMAXI-40NW7	2138 lm
3000 K	● SMAXI-40WW2	● SMAXI-40WW7	2138 lm

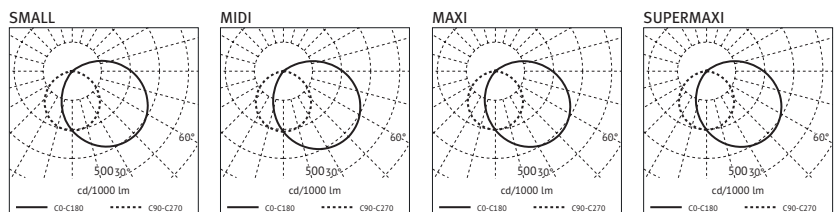
			69 W
4000 K	● SMAXI-69NW2	● SMAXI-69NW7	3727 lm
3000 K	● SMAXI-69WW2	● SMAXI-69WW7	3727 lm

L1348 mm			29 W
4000 K	● SMAXI-29NW2	● SMAXI-29NW7	1682 lm
3000 K	● SMAXI-29WW2	● SMAXI-29WW7	1682 lm

			58 W
4000 K	● SMAXI-58NW2	● SMAXI-58NW7	3132 lm
3000 K	● SMAXI-58WW2	● SMAXI-58WW7	3132 lm



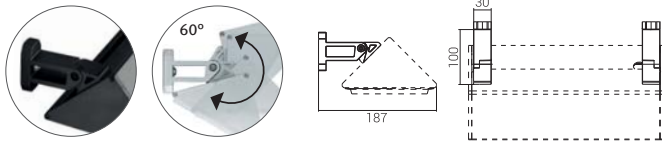
● Schwarz | Black ● Aluminiumgrau | Aluminium grey



SMALL MIDI MAXI SUPERMAXI

Zubehör | Accessories

SMALL MIDI MAXI SUPERMAXI



Gelenkauslegerpaar | Adjustable arms pair

- **Z-G2**
- **Z-G7**

Aluminium, komplett mit Montagezubehör, Drehung max. $\pm 30^\circ$
Aluminium, mounting accessories inside, rotation max $\pm 30^\circ$

MIDI MAXI SUPERMAXI



Schnappbügel | Snap bracket

- **Z-S2**
- **Z-S7**

Für Befestigung an Decke | For ceiling fixing
Bedarf | Requirement
MIDI/MAXI: 1 Bügel | 1 bracket
SUPERMAXI: 2 Bügel | 2 brackets

SUPERMAXI



Kabelkanal | Cable Trunking

- **Z-KSM**

Aluminium, inkl. 3 Anschlussdosen | Aluminium, incl. 3 connection boxes

Kanalinstallation - der 3,2 m lange Kanal ermöglicht eine einfache Installation der Version SUPERMAXI. Zwei Halterungen ermöglichen die einfache Befestigung des Kanals und erlauben eine präzise Positionierung und perfekte Ausrichtung.

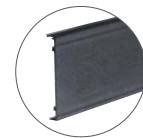
Channel installation - the 3,2 m channel allows for easy installation of SUPERMAXI. Two brackets allows you to easily attach the channel, permitting precision positioning and perfect alignment.



Enddeckel | Side cover

- **Z-VSM**

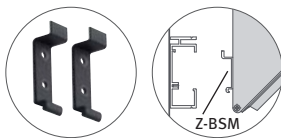
Für Kabelkanal SUPERMAXI
For cable trunk SUPERMAXI



Einrastdeckel | Snapping cover

- **Z-ESM**

Für Kabelkanal SUPERMAXI
For cable trunk SUPERMAXI



Befestigungsbügel | Hanging Brackets

- **Z-BSM**

Zur Befestigung von Supermaxi am Kanal, keine Zusatzbohrungen erforderlich. Komplett mit Klemmleiste in Schutzklasse II.

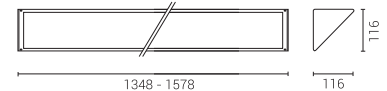
For mounting SUPERMAXI into cable trunking, no extra holes needed in SUPERMAXI. Terminal block in class II inside.



SUPERMAXI Blindmodul | Blind module

- **C-B1348-2**
- **C-B1348-7**

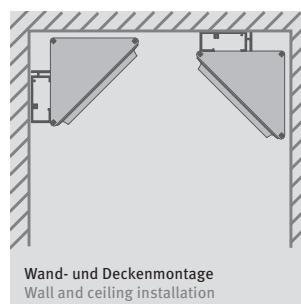
L1348x116x116 mm



- **C-B1578-2**
- **C-B1578-7**

L1578x116x116 mm

- Schwarz | Black
- Aluminiumgrau | Aluminium gray





DLS



- LED Wand- und Deckenaußenleuchte, linear
 - Aluminium-Strangpressprofil
 - Glasdiffusor
 - 24 Power LEDs, 54W
 - IP65
 - Zuleitung (L100 mm) aus Neopren
 - Inkl. Netzteil
- Wandbefestigung muss separat bestellt werden

Auf Anfrage

- 2700 K
- Ausstrahlwinkel
- Weitere Längen

- LED linear wall and ceiling outdoor luminaire
- Extruded aluminum profile
- Glass diffuser
- 24 power LEDs, 54W
- IP65
- Power supply cable (L100 mm) made of neoprene
- Incl. Power supply unit

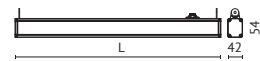
- Wall mounting must be ordered separately

On request

- 2700 K
- Beam angle
- Other length



DLS
LED Wand- und Deckenaußenleuchte inkl. Netzteil, ohne Wandbefestigung
Wall outdoor linear light fixture incl. power supply, without wall mounting
220-240V / IP65 / CRI >80



MID Power LED



L586 x B/W42 x H54 mm



∠ 44°			15 W
4000 K	● DLS-16NW6	● DLS-16NW7	1480 lm
3000 K	● DLS-16WW6	● DLS-16WW7	1409 lm



∠ 31°x88°			15 W
4000 K	● DLS-16NW6F	● DLS-16NW7F	1225 lm
3000 K	● DLS-16WW6F	● DLS-16WW7F	1167 lm



L1146 mm x B/W42 x H54 mm

∠ 44°			31 W
4000 K	● DLS-32NW6	● DLS-32NW7	2960 lm
3000 K	● DLS-32WW6	● DLS-32WW7	2816 lm

∠ 31°x88°			31 W
4000 K	● DLS-32NW6F	● DLS-32NW7F	2448 lm
3000 K	● DLS-32WW6F	● DLS-32WW7F	2332 lm

Power LED



∠ 14°			29 W
4000 K	● DLS-24NW6S	● DLS-24NW7S	2624 lm
3000 K	● DLS-24WW6S	● DLS-24WW7S	2500 lm



∠ 45°			29 W
4000 K	● DLS-24NW6F	● DLS-24NW7F	2537 lm
3000 K	● DLS-24WW6F	● DLS-24WW7F	2417 lm



∠ 14°			54 W
4000 K	● DLS-48NW6S	● DLS-48NW7S	5248 lm
3000 K	● DLS-48WW6S	● DLS-48WW7S	4998 lm

∠ 45°			54 W
4000 K	● DLS-48NW6F	● DLS-48NW7F	5072 lm
3000 K	● DLS-48WW6F	● DLS-48WW7F	4832 lm

Zubehör | Accessories

Wandausleger Set, im Liefer-
umfang nicht enthalten
Brackets kit, not included in
delivery

L100 mm



● Z-DLS100-6



● Z-DLS100-7

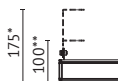
L175 mm



● Z-DLS175-6



● Z-DLS175-7

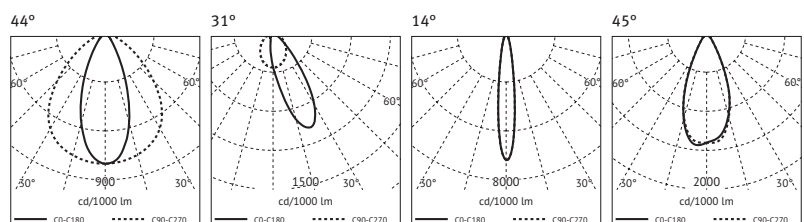


*Z-DLS175
**Z-DLS100



● Anthrazit | Anthracite

● Aluminiumgrau | Aluminium grey



MIRON



- LED Wandleuchte
- 2 verschiedene Größen
- Gehäuse aus Aluminium-Druckguss
- Erhältlich in den Farben weiß, anthrazit und aluminiumgrau
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Farbe corten und Ibiza Sand
- 2700 K

- LED wall mounted luminaire
- 2 sizes
- Body of die-cast aluminium
- Housing colors white, anthracite and aluminium grey
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

- Housing color corten and Ibiza sand
- 2700 K

Zubehör für Mastmontage | Accessories for pole mounting

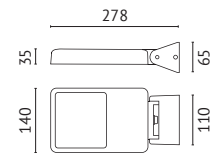
Siehe Seite 362 | See page 362



MIRON 16
LED Wandleuchte | LED wall mounted luminaire
220-240V / CRI >80

△ 30° / +90°/-20° schwenkbar swiveling		19 W	
4000 K	○ MIR-18NW1S ● MIR-18NW6S ● MIR-18NW7S	2327 lm	
3000 K	○ MIR-18WW1S ● MIR-18WW6S ● MIR-18WW7S	2216 lm	
△ 65° / +90°/-20° schwenkbar swiveling		19 W	
4000 K	○ MIR-18NW1 ● MIR-18NW6 ● MIR-18NW7	2361 lm	
3000 K	○ MIR-18WW1 ● MIR-18WW6 ● MIR-18WW7	2249 lm	

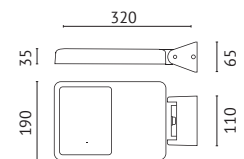
△ Asymmetrisch / +90°/-20° schwenkbar swiveling		19 W	
4000 K	○ MIR-18NW1A ● MIR-18NW6A ● MIR-18NW7A	2274 lm	
3000 K	○ MIR-18WW1A ● MIR-18WW6A ● MIR-18WW7A	2165 lm	
△ 120° Street light / +90°/-20° schwenkbar swiveling		19 W	
4000 K	○ MIRF-18NW1 ● MIRF-18NW6 ● MIRF-18NW7	1871 lm	
3000 K	○ MIRF-18WW1 ● MIRF-18WW6 ● MIRF-18WW7	1777 lm	



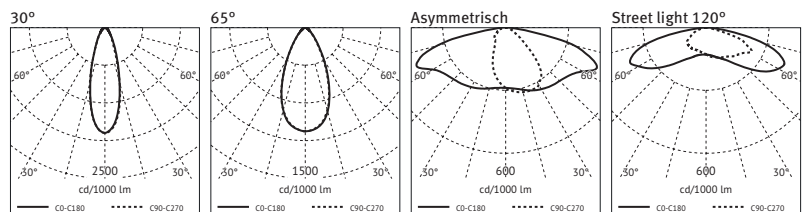
MIRON 24
LED Wandleuchte | LED wall mounted luminaire
220-240V / CRI >80

△ 30° / +90°/-20° schwenkbar swiveling		40 W	
4000 K	○ MIRMA-40NW1S ● MIRMA-40NW6S ● MIRMA-40NW7S	4985 lm	
3000 K	○ MIRMA-40WW1S ● MIRMA-40WW6S ● MIRMA-40WW7S	4736 lm	
△ 65° / +90°/-20° schwenkbar swiveling		40 W	
4000 K	○ MIRMA-40NW1 ● MIRMA-40NW6 ● MIRMA-40NW7	5059 lm	
3000 K	○ MIRMA-40WW1 ● MIRMA-40WW6 ● MIRMA-40WW7	4806 lm	

△ Asymmetrisch / +90°/-20° schwenkbar swiveling		40 W	
4000 K	○ MIRMA-40NW1A ● MIRMA-40NW6A ● MIRMA-40NW7A	4559 lm	
3000 K	○ MIRMA-40WW1A ● MIRMA-40WW6A ● MIRMA-40WW7A	4331 lm	
△ 120° Street light / +90°/-20° schwenkbar swiveling		40 W	
4000 K	○ MIRMAF-40NW1 ● MIRMAF-40NW6 ● MIRMAF-40NW7	3741 lm	
3000 K	○ MIRMAF-40WW1 ● MIRMAF-40WW6 ● MIRMAF-40WW7	3554 lm	



○ Weiß | White ● Anthrazit | Anthracite
● Aluminiumgrau | Aluminium grey



MODULO A



- LED Wandleuchte
- 2 verschiedene Größen
- Gehäuse aus Aluminium-Druckguss
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Schutzart: IP65
- Schutzklasse: III
- Inkl. externem elektronischen Versorgungsteil

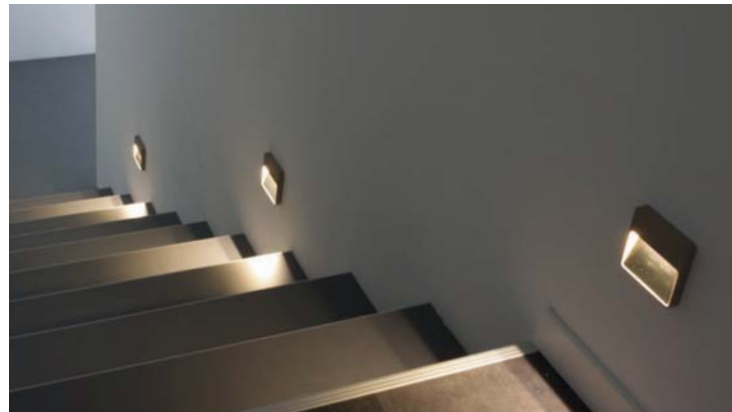
Auf Anfrage

- 2700 K
- Farbe corten

- LED wall mounted luminaire
- 2 sizes
- Body made of die-cast aluminium
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Protection Rating: IP65
- Protection Class: III
- Incl. external electronic power supply

On request

- 2700 K
- Color corten



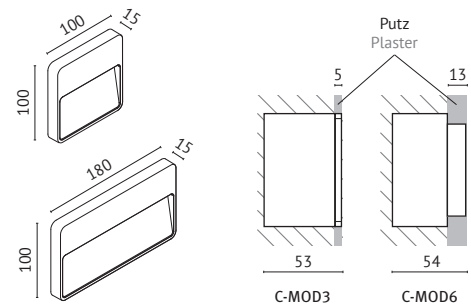
MODULO A

LED Wandleuchte inkl. Netzteil und Einbaudose
LED wall mounted luminaire incl. power supply and installation box

⚡ Asymmetrisch | Asymmetric / 220-240V / CRI >80

100 x 100 mm					3 W
4000 K	○ MOD-3NW1	● MOD-3NW6	● MOD-3NW7	● MOD-3NW8	107 lm
3000 K	○ MOD-3WW1	● MOD-3WW6	● MOD-3WW7	● MOD-3WW8	102 lm
180 x 100 mm					5 W
4000 K	○ MOD-6NW1	● MOD-6NW6	● MOD-6NW7	● MOD-6NW8	205 lm
3000 K	○ MOD-6WW1	● MOD-6WW6	● MOD-6WW7	● MOD-6WW8	195 lm

Einbautiefe (inkl. Putz)
Installation depth (incl. plaster)

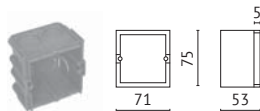


Zubehör | Accessories



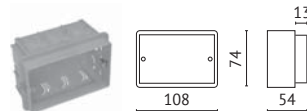
Reflektorplatte Gold | Reflector plate gold

Z-REFMOD3 Für | For 100 x 100 mm
Z-REFMOD6 Für | For 180 x 100 mm



Einbaudosen | Installation boxes

C-MOD3* Für | For 100 x 100 mm



C-MOD6* Für | For 180 x 100 mm



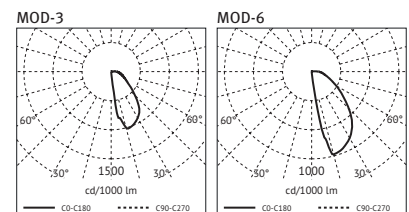
Netzteil | Power supply

TRL-8W24IPN*
8W / 220-240V, IP65

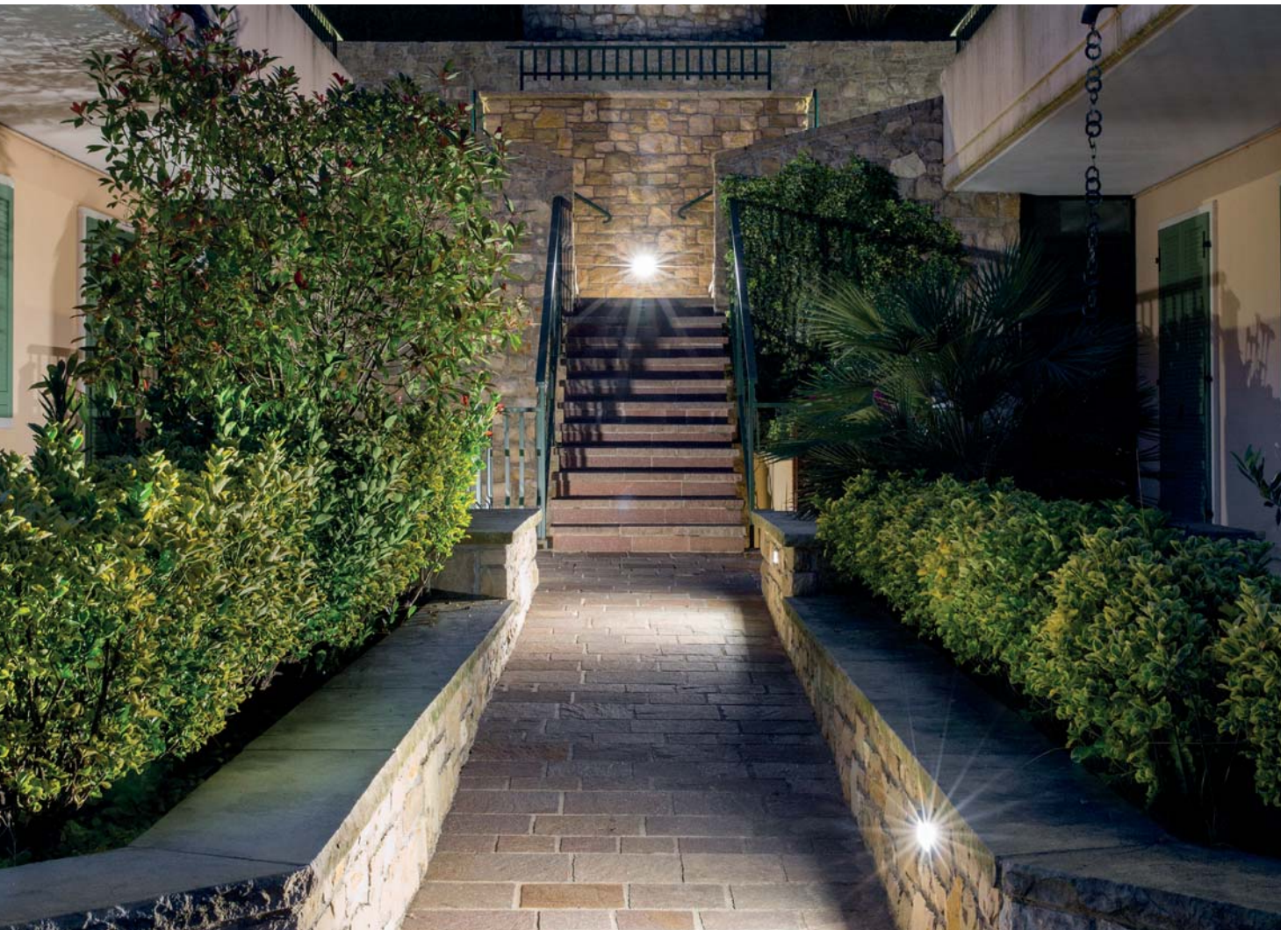
*Im Lieferumfang enthaltenes Zubehör | *Accessories included in the scope of delivery



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand

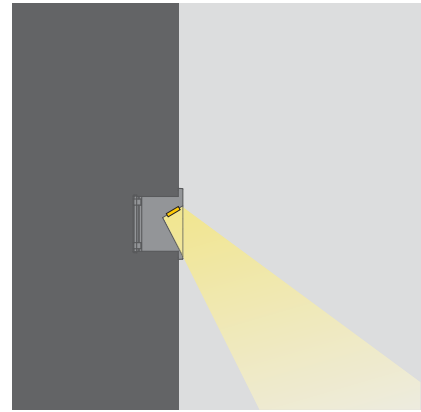
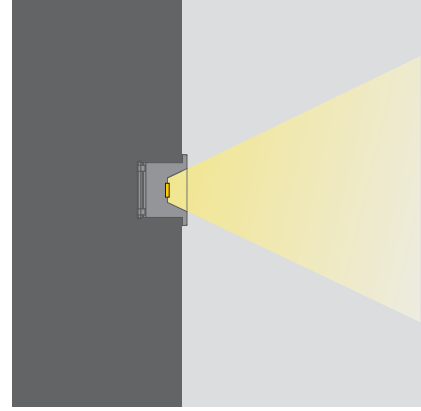


QUANTUM



- LED Wandeinbauleuchte inkl. Einbaudose
- Gehäuse aus Polycarbonat
- 3 Größen
- 4 Ausführungen mit unterschiedlichen Blenden aus Aluminium (weiß, aluminiumgrau und anthrazit) oder Glas
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Schutzart: IP65
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil

- LED wall recessed luminaire incl. mounting box
- Body of polycarbonate
- 3 sizes
- 4 versions with different covers in aluminium (white, aluminium grey and anthracite) or glass
- Surface treatment of aluminium: pickling+ phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Protection Rating: IP65
- Protection Class: II
- Built-in electronic power supply



Ausstrahlwinkel
Beam angle

Gehäuse
Body

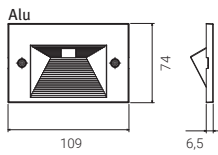
Einbaudose
Mounting box

Blende
Cover

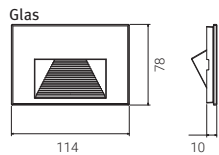
Ausstrahlwinkel Beam angle	Gehäuse Body	Einbaudose Mounting box	Blende Cover

QUANTUM

QUANTUM
LED Wandeinbauleuchte inkl. Einbaudose | LED wall recessed luminaire incl. mounting box
230V/50Hz / CRI >80



L109 mm



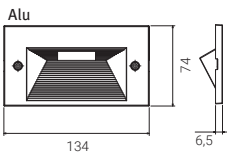
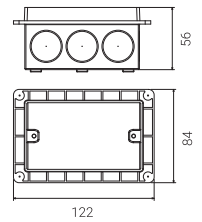
L114 mm

2,0 W

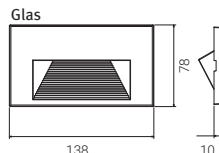
4000 K ○ QUANA1H-2NW1 ● QUANA1H-2NW6 ● QUANA1H-2NW7 ● QUANG1H-2NW 93 lm
3000 K ○ QUANA1H-2WW1 ● QUANA1H-2WW6 ● QUANA1H-2WW7 ● QUANG1H-2WW 93 lm



QUANA1*
Einbaudose | Mounting box



L134 mm



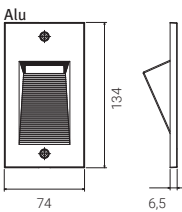
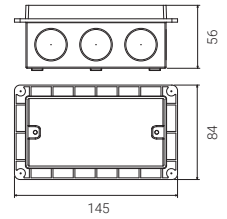
L138 mm

4,5 W

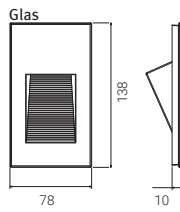
4000 K ○ QUANA2H-3NW1 ● QUANA2H-3NW6 ● QUANA2H-3NW7 ● QUANG2H-3NW 168 lm
3000 K ○ QUANA2H-3WW1 ● QUANA2H-3WW6 ● QUANA2H-3WW7 ● QUANG2H-3WW 168 lm



QUANA2*
Einbaudose | Mounting box



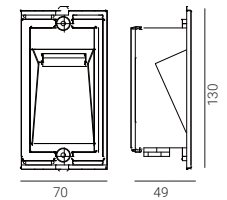
L74 mm



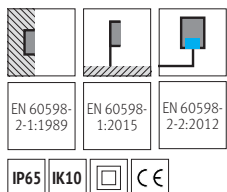
L78 mm

4,5 W

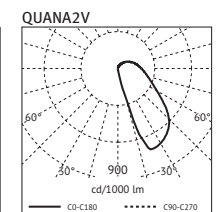
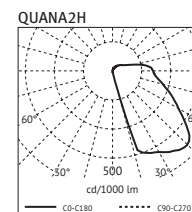
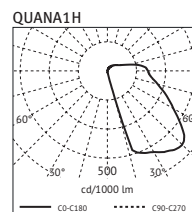
4000 K ○ QUANA2V-3NW1 ● QUANA2V-3NW6 ● QUANA2V-3NW7 ● QUANG2V-3NW 168 lm
3000 K ○ QUANA2V-3WW1 ● QUANA2V-3WW6 ● QUANA2V-3WW7 ● QUANG2V-3WW 168 lm



*Im Lieferumfang enthalten
Included in the delivery

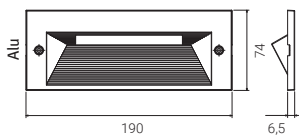


- Weiß | White
- Anthrazit | Anthracite
- Aluminiumgrau | Aluminium grey
- Glas-Blende | Cover in glass

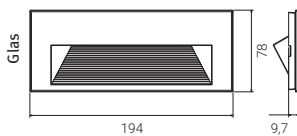




QUANTUM
LED Wandinbauleuchte inkl. Einbaudose | LED wall recessed luminaire incl. mounting box
230V/50Hz / CRI >80



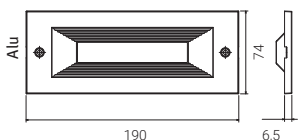
L190 mm



L194 mm

4,5 W

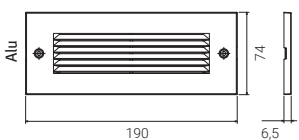
4000 K ○ QUANA3H-4NW1 ● QUANA3H-4NW6 ● QUANA3H-4NW7 ● QUANG3H-4NW 273 lm
3000 K ○ QUANA3H-4WW1 ● QUANA3H-4WW6 ● QUANA3H-4WW7 ● QUANG3H-4WW 273 lm



L190 mm

4,5 W

4000 K ○ QUANA3HF-4NW1 ● QUANA3HF-4NW6 ● QUANA3HF-4NW7 325 lm
3000 K ○ QUANA3HF-4WW1 ● QUANA3HF-4WW6 ● QUANA3HF-4WW7 325 lm



L190 mm

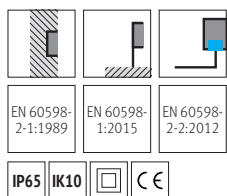
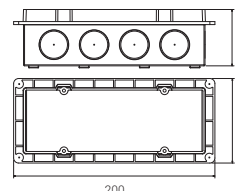
4,5 W

4000 K ○ QUANA3HR-4NW1 ● QUANA3HR-4NW6 ● QUANA3HR-4NW7 47 lm
3000 K ○ QUANA3HR-4WW1 ● QUANA3HR-4WW6 ● QUANA3HR-4WW7 47 lm

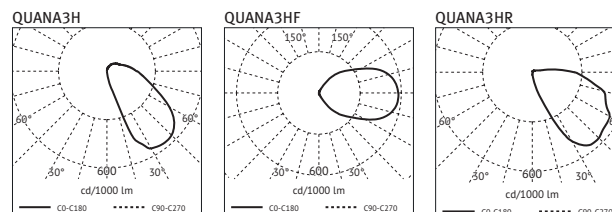


QUANA3*
Einbaudose
Mounting box

*Im Lieferumfang enthalten
Included in the delivery



- Weiß | White
- Anthrazit | Anthracite
- Aluminiumgrau | Aluminium grey
- Glas-Blende | Cover in glass



LUX SHOWER INSIDE



- LED Deckeneinbauleuchte für den Außenbereich
- Aluminium Gehäuse
- Gehärtetes Opalglas
- Schutzart: IP67
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- TRIAC DIM

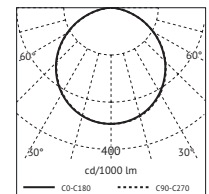
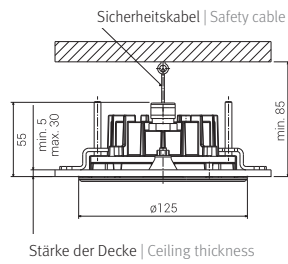
- LED ceiling recessed luminaire
- Body made of aluminium
- Tempered glass, opal
- Protection Rating: IP67
- Protection Class: I
- Built-in electronic power supply
- TRIAC DIM



LUX SHOWER INSIDE
 LED Deckeneinbauleuchte | LED ceiling recessed luminaire
 230V/50Hz / CRI >80

Opalglas | Opal glass

∧ 90°	Ø 125 mm	8 W
4000 K	● LUXUF-8NW7	347 lm
3000 K	● LUXUF-8WW7	347 lm



LUX SHOWER 30



- LED Deckenanbauleuchte
- Aluminium Gehäuse
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Ausstrahlwinkel 12°/40°/90°/120°
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- TRIAC DIM

Auf Anfrage

- Ausstrahlwinkel 12° und 90° (nur LUXR)
- Wabenraster (nur LUXR)

- LED ceiling mounted luminaire
- Body of aluminium
- Housing colors white, anthracite, aluminium grey
- Surface treatment of aluminium: pickling + phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Light beam 12°/40°/90°/120°
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply
- TRIAC DIM

On request

- Beam angles 12° and 90° (only LUXR)
- Honeycomb mesh (only LUXR)

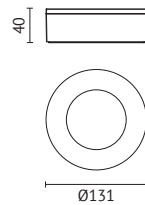


LUX SHOWER ROUND
LED Deckenanbauleuchte | LED ceiling mounted luminaire
230V/50Hz / CRI >80



Klares Glas | Clear glass

Beam angle	Dimensions	Power
40°	Ø131xH40 mm	10 W
4000 K	○ LUXR30-10NW1 ● LUXR30-10NW6 ● LUXR30-10NW7	750 lm
3000 K	○ LUXR30-10WW1 ● LUXR30-10WW6 ● LUXR30-10WW7	750 lm

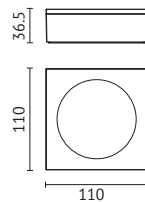


LUX SHOWER 30
LED Deckenanbauleuchte | LED ceiling mounted luminaire
230V/50Hz / CRI >80



Klares Glas | Clear glass

Beam angle	Dimensions	Power
12°	110x110xH36,5 mm	10 W
4000 K	○ LUX30-10NW1E ● LUX30-10NW6E ● LUX30-10NW7E	750 lm
3000 K	○ LUX30-10WW1E ● LUX30-10WW6E ● LUX30-10WW7E	750 lm
40°		10 W
4000 K	○ LUX30-10NW1 ● LUX30-10NW6 ● LUX30-10NW7	695 lm
3000 K	○ LUX30-10WW1 ● LUX30-10WW6 ● LUX30-10WW7	695 lm
90°		10 W
4000 K	○ LUX30-10NW1B ● LUX30-10NW6B ● LUX30-10NW7B	720 lm
3000 K	○ LUX30-10WW1B ● LUX30-10WW6B ● LUX30-10WW7B	720 lm



Opalglas | Opal glass

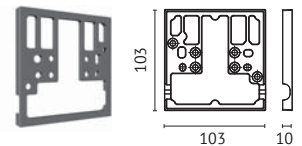


Beam angle	Dimensions	Power
120°	110x110xH36,5 mm	10 W
4000 K	○ LUX30-10NW1F ● LUX30-10NW6F ● LUX30-10NW7F	363 lm
3000 K	○ LUX30-10WW1F ● LUX30-10WW6F ● LUX30-10WW7F	363 lm

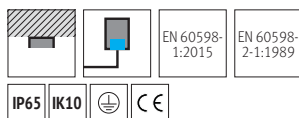
Zubehör | Accessories

Abstandhalter für LUX30-10
Spacer for für LUX30-10

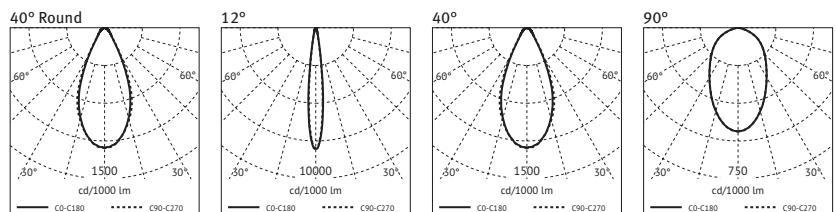
Z-STAMP103



Für seitliche Kabeleinführung,
Durchgangsverkabelung möglich
For lateral cable entry,
through wiring possible



○ Weiß | White ● Anthrazit | Anthracite
● Aluminiumgrau | Aluminium grey



DIVAR D



- LED Deckenleuchte
- Gehäuse aus Aluminium
- Pulverbeschichtet
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- IP-Anschlüsse und Inox-Befestigungsklemme im Lieferumfang enthalten
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

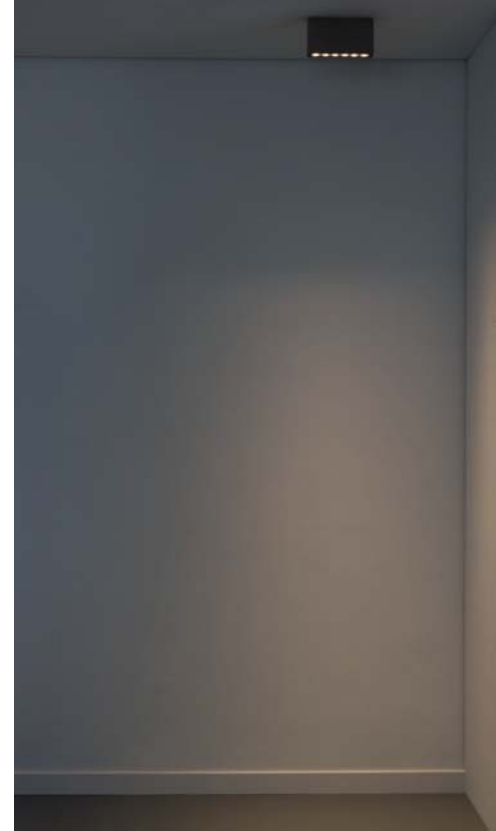
Auf Anfrage

- Reflektor 15°
- 2700 K
- Farbe corten
- Opaler Diffusor

- LED ceiling luminaire
- Body made of aluminium
- Powder coated
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- IP connectors and inox fixing clamp included
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

- Reflector 19°
- 2700 K
- Corten color
- Opal diffuser



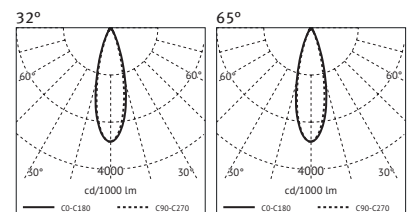
DIVAR
LED Deckenleuchte | Ceiling luminaire
220-240V / CRI >80

32°				15 W	
4000 K	○ DIVD-15NW1	● DIVD-15NW6	● DIVD-15NW7	● DIVD-15NW8	1194 lm
3000 K	○ DIVD-15WW1	● DIVD-15WW6	● DIVD-15WW7	● DIVD-15WW8	1137 lm

65°				15 W	
4000 K	○ DIVD-15NW1F	● DIVD-15NW6F	● DIVD-15NW7F	● DIVD-15NW8F	1194 lm
3000 K	○ DIVD-15WW1F	● DIVD-15WW6F	● DIVD-15WW7F	● DIVD-15WW8F	1137 lm



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



TALON D



- LED Deckenleuchte
- Gehäuse aus Aluminium
- Pulverbeschichtet
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

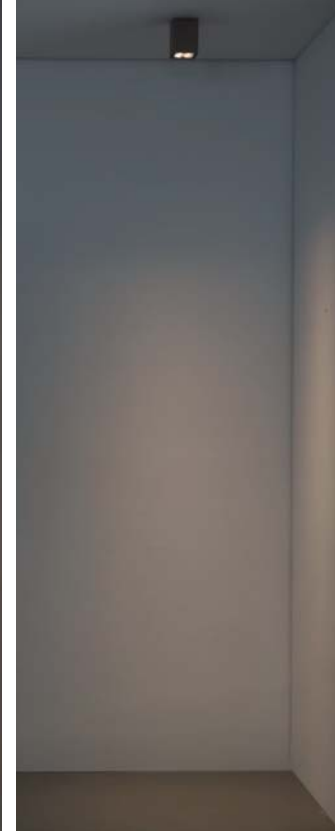
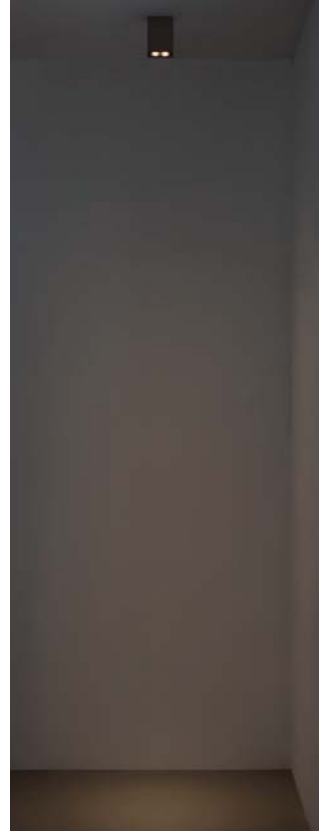
Auf Anfrage

- Ausstrahlwinkel 65°
- 2700 K
- Farbe corten

- LED ceiling luminaire
- Body made of aluminium
- Powder coated
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

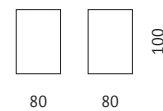
On request

- Beam angle 65°
- 2700 K
- Corten color

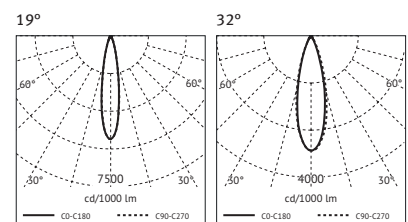


TALON
LED Deckenleuchte | Ceiling luminaire
220-240V / CRI >80

19°						11 W
4000 K	○ TALD-10NW1	● TALD-10NW6	● TALD-10NW7	● TALD-10NW8		836 lm
3000 K	○ TALD-10WW1	● TALD-10WW6	● TALD-10WW7	● TALD-10WW8		796 lm
32°						11 W
4000 K	○ TALD-10NW1M	● TALD-10NW6M	● TALD-10NW7M	● TALD-10NW8M		840 lm
3000 K	○ TALD-10WW1M	● TALD-10WW6M	● TALD-10WW7M	● TALD-10WW8M		800 lm



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



DX/DXS



- LED Strahler für Wand- und Bodenmontage
- Gehäuse Aluminium
- Ø54 mm
- Mit Erdspeiß (L250 mm) für Bodenmontage 3 verschiedene Höhen: 70 mm; 170 mm und 510 mm
- Schwenkbar 220°
- Oberflächenbehandlung Aluminium und bronze eloxiert
- Gehärtetes, transparentes Glas
- Aluminium Wabenraster
- Schutzart: IP65
- Schutzklasse: II
- Direktanschluss an 230V (ohne externes Netzteil)
- Inklusive Zuleitung 500 mm

Auf Anfrage

- 2700 K
- Farbe schwarz

- LED projector for wall or ceiling installation
- Body made of aluminium
- Ø54 mm
- With earth spike (L250 mm) 3 different heights: 70 mm; 170 mm; 510 mm
- 220° swiveling
- Surface treatment aluminum and bronze anodized
- Tempered transparent glass
- Aluminium Honeycomb
- Protection Rating: IP65
- Protection Class: II
- Direct connection to 230V (without external power supply)
- Incl. 500 mm power supply cable

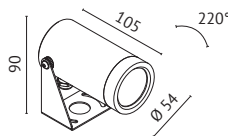
On request

- 2700 K
- Black color

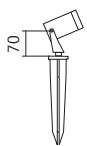


DX
LED Wand- und Bodenaufbaustrahler
LED wall and floor mounted spotlight
220-240V / CRI >80

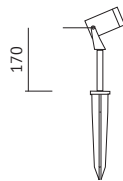
Beam Angle	Power	4000 K	3000 K
52°	6 W	● DX-54NW7	● DX-54NW08
	149 lm	● DX-54WW7	● DX-54WW08
26°	6 W	● DX-54NW7S	● DX-54NW08S
	277 lm	● DX-54WW7S	● DX-54WW08S



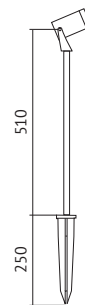
DXS
LED Strahler mit Erdspeiß
LED spotlight with earth spike
ø54 / 220-240V / CRI >80



Beam Angle	Height	4000 K	3000 K
52°	H 70 mm	● DXS-54NW7	● DXS-54NW08
	149 lm	● DXS-54WW7	● DXS-54WW08
26°	H 70 mm	● DXS-54NW7S	● DXS-54NW08S
	277 lm	● DXS-54WW7S	● DXS-54WW08S



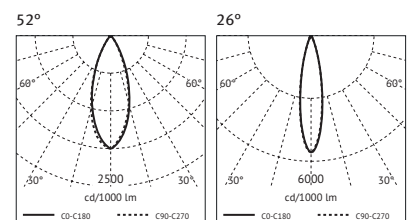
Beam Angle	Height	4000 K	3000 K
52°	H 170 mm	● DXSM-54NW7	● DXSM-54NW08
	149 lm	● DXSM-54WW7	● DXSM-54WW08
26°	H 170 mm	● DXSM-54NW7S	● DXSM-54NW08S
	277 lm	● DXSM-54WW7S	● DXSM-54WW08S



Beam Angle	Height	4000 K	3000 K
52°	H 510 mm	● DXSL-54NW7	● DXSL-54NW08
	149 lm	● DXSL-54WW7	● DXSL-54WW08
26°	H 510 mm	● DXSL-54NW7S	● DXSL-54NW08S
	277 lm	● DXSL-54WW7S	● DXSL-54WW08S



● Alu eloxiert | Anodized Aluminium ● Bronze eloxiert | Anodized Bronze



CLOCK



- LED Spot für Wand- und Bodenmontage
- Gehäuse aus Aluminium
- Oberflächenbehandlung von Aluminium: Phosphorchromatieren + 2 Schichten Polyesterlack
- Erhältlich in den Farben anthrazit und aluminiumgrau
- Schutzart: IP67
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- Inkl. 1m Zuleitung
- RGBW siehe Seite 292

Auf Anfrage

- Weitere Gehäusefarben
- Leuchte mit Opalglas
- Ausstrahlwinkel 12° und 90° (bei Bestellung bitte mit angeben - Standard 40°)
- RGB
- 2700 K
- Farbe weiß und corten
- Mit Wabenraster

- LED spot for wall and floor installation
- Body of aluminium
- Surface treatment of aluminium: phosphorus chromate + varnish with corrosion protection polyester powder
- Housing colors anthracite and aluminium grey
- Protection Rating: IP67
- Protection Class: I
- Built-in electronic power supply
- Incl. 1m power supply cable
- RGBW see page 292

On request

- Further housing colors
- Opal glass
- Beam angle 12° and 90° (please specify with order - Standard 40°)
- RGB
- 2700 K
- White and corten color
- With honeycomb louvre



Durch die geringe Gehäusestärke von lediglich 36 mm für die beiden Durchmesser fügen sie sich unaufdringlich ins Outdoor-Ambiente ein.

Due to the low housing thickness of only 36 mm for the two diameters, they blend unobtrusively into the outdoor ambience.



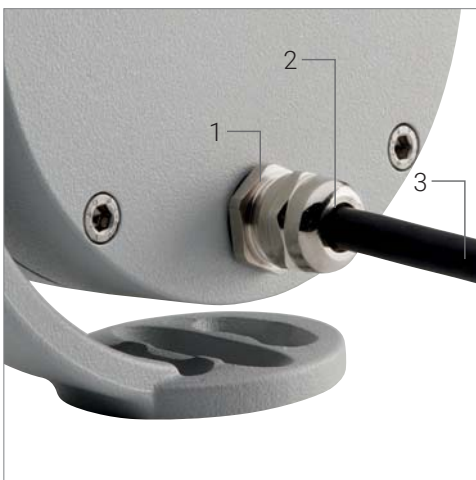
Vorderglas ultrawhite, dicht am Verschlussrahmen verschweißt (1).

Front glass ultrawhite, tightly welded to the closure frame (1).



Das Gehäuse dreht zum Haltestift, um die Ausrichtung auf vertikaler Ebene zu vereinfachen. Eine Befestigungsschraube sorgt für eine zuverlässige Verriegelung.

The housing rotates to the retaining pin for alignment. A mounting screw provides reliable locking.



Die Kabelverschraubung/Kabeleinführung ist mit einer Bikomponenten Harzbeschichtung wasserfest versiegelt und mit einem Kabel Ho5RN-F ausgestattet.

- 1 - Kabelklemme aus Messing
- 2 - Wasserabweisende Harzbeschichtung
- 3 - Reißfestes Kabel

The cable gland/cable entry is waterproof sealed with a bicomponent resin coating and equipped with a Ho5RN-F cable.

- 1 - Brass cable clamp
- 2 - Waterproof resin coating
- 3 - Tear resistant cable



Zwei Ösen am Sockel ermöglichen die horizontale Einstellung um $\pm 40^\circ$.

Two eyelets on the base allow horizontal adjustment by $\pm 40^\circ$.



Zubehör: Blende

Accessories: Anti-glare shield





CLOCK
LED Spot für Wand- und Bodenmontage | LED spot for wall and floor installation
∠ 40° / AC 220-240 V / CRI >80

Ø 80 mm		4 W	
4000 K	● CLOCK80-4NW6	● CLOCK80-4NW7	283 lm
3000 K	● CLOCK80-4WW6	● CLOCK80-4WW7	283 lm

Ø 120 mm		10 W	
4000 K	● CLOCK120-10NW6	● CLOCK120-10NW7	695 lm
3000 K	● CLOCK120-10WW6	● CLOCK120-10WW7	695 lm

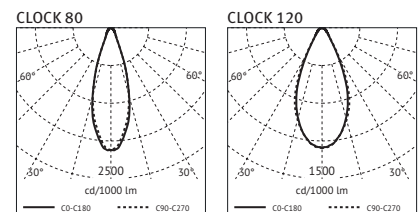
 **CLOCK RGBW**
Siehe Seite 312 | See page 312

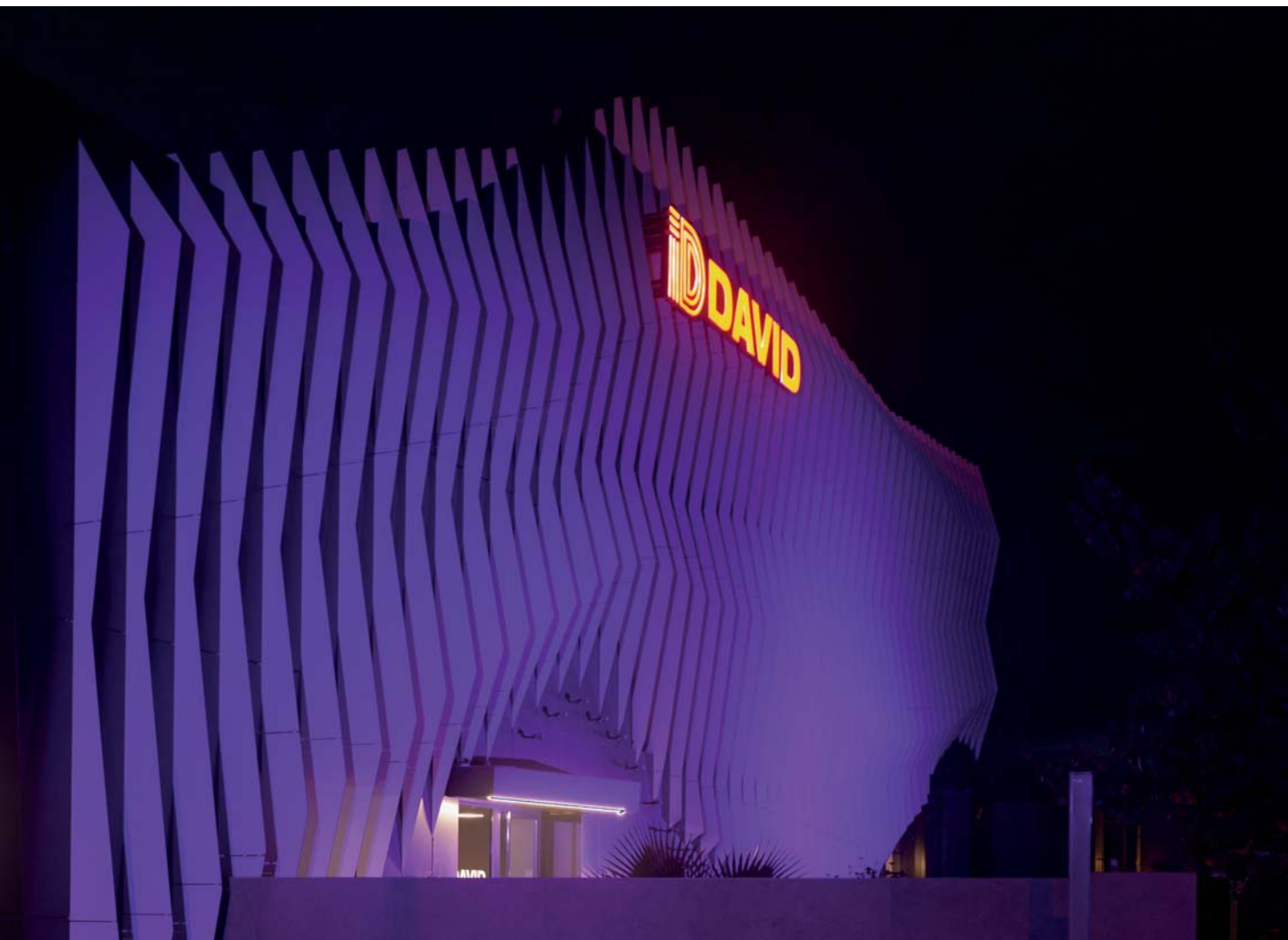
Zubehör | Accessories

<p>Blende Anti-glare shield</p> <p>● Z-BCLOCK1206 ● Z-BCLOCK1207</p> <p>Für ø120 mm, lackiertes Aluminium For ø120 mm, painted aluminium</p>	<p>Gartenspieß Spike</p> <p>● S-CLOCK</p> <p>Polycarbonat, grau Für ø80 mm und ø120 mm Polycarbonate, grey For ø80 mm and ø120 mm</p>	<p>Wandmontagearm Wall bracket</p> <p>● Z-CLOCK6 ● Z-CLOCK</p> <p>Aluminium für ø120 mm Aluminium for ø120 mm</p>	<p>Längsverbinder Y-Verbinder 2 way connector Y-connector</p> <p>● Z-VERIP-DL2 ● Z-VERIP-DL3</p> <p>IP68, (für Kabel 3x2,5 mm²) IP68, (for cable 3x2,5 mm²)</p>
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● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey





- RGBW Außenleuchten mit DMX 512 Standard
- Gehäuse aus Aluminiumdruckguss mit geringem Kupfergehalt
- Leuchtmittel: LEDs der neuesten Generation, in 4 RGBW Sektoren aufgeteilt, 60.000 h garantierte Lebensdauer mit max. Lichtstromabfall von 20%
- Leuchten inkl. RGBW Platine mit eingebauter Schaltung und Verbindungsmöglichkeit mit DMX 512 Standardsignal
- Der DMX Signalsender wird mit Einbau-Anschlusskasten geliefert und ermöglicht die Einstellung aller Leuchten über einen oder mehrere Kanäle
- Funktionen: Farbwahl, Helligkeit, dimmen, Farbrotation und Übergang zu reinem weiß
- Max. 32 anschließbare Leuchten
- Bis zu 300 m Distanz mit geeigneten DMX Kabel (nicht im Lieferumfang enthalten)
- 24 V

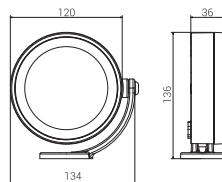
- RGBW outdoor lights with DMX 512 standard
- Body made of die-cast aluminum with a low copper content
- Light sources: LEDs of the latest generation, divided into 4 RGBW sectors, 60,000 h guaranteed service life with a maximum drop in luminous flux of 20%
- Luminaires including RGBW board with built-in circuit and connection option with DMX 512 standard signal
- The DMX signal transmitter is supplied with a built-in connection box and enables all lights to be set via one or more channels
- Functions: color selection, brightness dimming, color rotation and transition to pure white
- Max. 32 connectable lights
- Up to 300 m distance with suitable DMX cable (not included)
- 24 V



Die 24V-Version wird mit der Steuereinheit C-RGBW-DMX auf einem oder mehreren Kanälen gesteuert. Entsprechende 24V Remote-Treiber verfügbar.
 The 24V version is controlled with the C-RGBW-DMX control unit on one or more channels. Corresponding 24V remote drivers available.



N
 CLOCK RGBW
 LED Spot für Wand- und Bodenmontage
 LED spot for wall and floor installation
 ∠ 30° / 24V / IP67 / IK08 / CRI >80

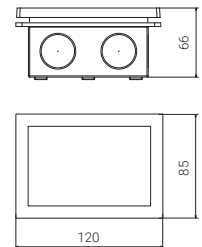


N
 Touchscreen Multikanalsender DMX 512 Signalsender
 inkl. Anschlusskasten für Wandeinbau
 Touchscreen multi-channel DMX 512 signal generator
 incl. installation box for wall mounting

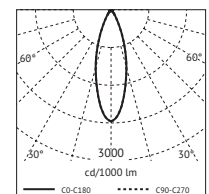


Funktionen | Functions

- Ein/Aus | On/Off
- Touch Wheel zur Farbauswahl | Touch wheel for colour selection
- Dynamischer Modus Farbrotation | Dynamic mode colour rotation
- Geschwindigkeit/Farbhelligkeit des dynamischen Modus einstellbar
 Adjust dynamic mode speed/colour brightness
- Direkte Auswahl R-G-B-W | Direct selection R-G-B-W
- Vier Bereiche | Four sections



Passendes Netzteil siehe Seite 374 | Suitable power supply see page 374



MUSE SYSTEM[®]



- Modulsystem für Poller- Wand- und Deckenmontage
- Pfostenhöhen 300, 500 und 800 mm
- Gehäuse aus Aluminium-Druckguss
- Bis IKo8
- Erhältlich in 4 Farben
- Schutzart: IP65
- Schutzklasse: III
- Mit integrierter elektronischer Versorgung oder 24Vcd mit externem Netzteil

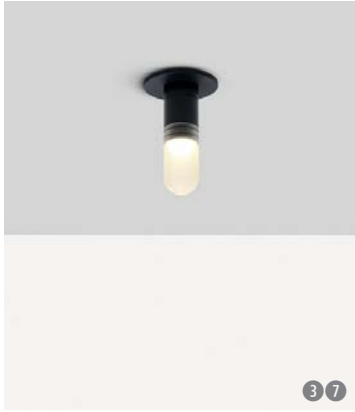
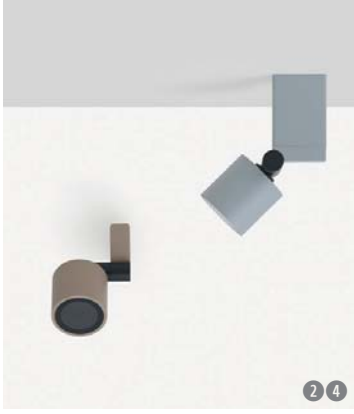
Auf Anfrage

- 2700 K
- Farbe corten
- Pendelabhängung

- Modular system for bollard wall and ceiling mounting
- Post heights 300, 500 and 800 mm
- Body of die-cast aluminium
- Up to IKo8
- 4 Housing colors
- Protection Rating: IP65
- Protection Class: III
- Built-in electronic power supply

On request

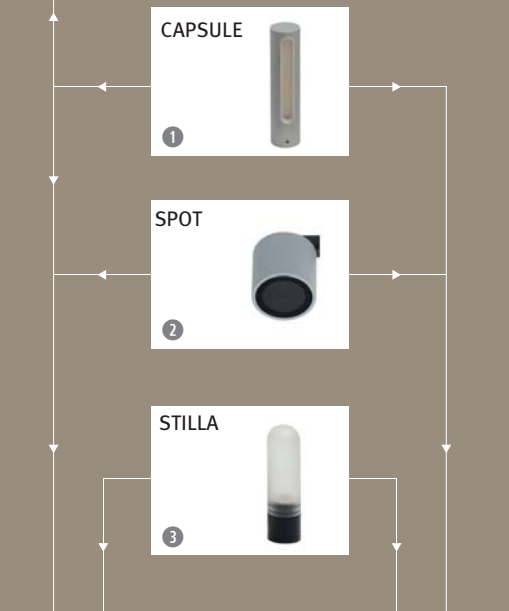
- 2700 K
- Corten color
- Pendant suspension



220-240V
Anschlussboxen für Boden-, Wand und Deckenbefestigung
Junction boxes for ground-, wall and roof mounting

DALI

4



220-240V	24Vcd Netzteil erforderlich Power supply required
<p>5 Pfähle Poles</p>	
<p>6 Deko-Stiele Deco stem</p>	
<p>7 Wandanschluss Wall connection</p>	

MUSE SYSTEM[®]

MUSE Leuchtenköpfe | Luminaire heads

Verbindung des Leuchtenkopfs mittels Federstecker
Connection of luminaire head by means of cotter pin



CAPSULE

CRI >80 / IP65 / IK08

3000 K Ø36 x L150 mm

∠ 100° 5W/24Vdc

● **MUS-5WW7** 600 lm

● **MUS-5WW2** 600 lm

Bronze auf Anfrage | Bronze on request

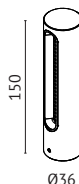


∠ 2x100° Ø36 x L150 mm

10W/24Vdc

● **MUS-10WW7** 1200 lm

● **MUS-10WW2** 1200 lm



STILLA

CRI >80 / IP65 / IK05

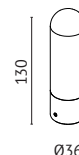
3000 K Ø36 x L130 mm

∠ 160° 4W/24Vdc

● **MUSL-3WW2** 510 lm

Bronze auf Anfrage | Bronze on request

Mit Anschlussbox nicht kompatibel
Incompatible to junction box



SPOT

CRI >80 / IP65 / IK07

3000 K Ø100 x L120 mm

∠ 40° 14W/24Vdc

∠ 60°

14W/24Vdc

○ **MUS-12WW1** 1231 lm

● **MUS-12WW08** 1231 lm

● **MUS-12WW7** 1231 lm

● **MUS-12WW2** 1231 lm

MUS-12WW1-60 1144 lm

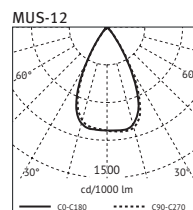
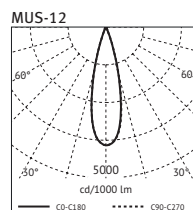
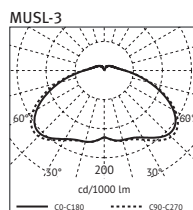
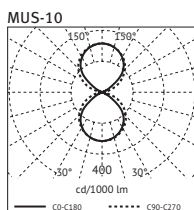
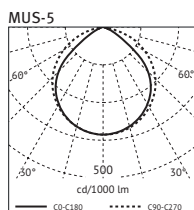
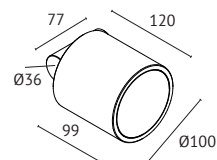
MUS-12WW08-60 1144 lm

MUS-12WW7-60 1144 lm

MUS-12WW2-60 1144 lm

Anschluss lackiert
Connector body painted

Anschluss schwarz eloxiert
Connector anodized black



MUSE Anschlussboxen für Boden-, Wand und Deckenbefestigung
Junction boxes for ground-, wall and roof mounting

Wandanschluss* | Wall connection*
CAPSULE, STILLA, SPOT

Mit STILLA nicht kompatibel | Incompatible to STILLA

220-240Vac class II / IP65

○ **MUS-BOX1**

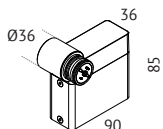
● **MUS-BOX08**

Anschluss lackiert
Connector body painted

● **MUS-BOX7**

● **MUS-BOX2**

Anschluss schwarz eloxiert
Connector anodized black



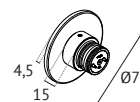
Befestigungsflansch | Fixing flange

24Vdc class III / IP65

Ø77 mm

● **MUS-WH24**

Matt eloxiert
Matt anodized



*Erforderliches Netzteil im Lieferumfang nicht enthalten
Required power supply not included in the scope of delivery

DALI

220-240Vac class II / IP65

Wmax 16W DALI | B90x T/D36 x H163 mm

○ **MUS-BOX1DD**

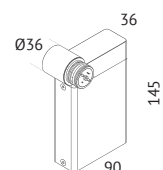
● **MUS-BOX08DD**

Anschluss lackiert
Connector body painted

● **MUS-BOX7DD**

● **MUS-BOX2DD**

Anschluss schwarz eloxiert
Connector anodized black



MUS-WH24

> CAPSULE
> STILLA
> SPOT



MUS-BOX

> CAPSULE
> SPOT





Pfähle | Poles
CAPSULE, STILLA, SPOT

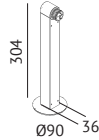


IP65

220-240V 24Vcd*

H300 mm	MUS-P300	MUS-P300-24
H500 mm	MUS-P500	MUS-P500-24
H800 mm	MUS-P800	MUS-P800-24

Schwarz eloxiert
Anodized black



MUS-P
> CAPSULE
> STILLA
> SPOT



- Stranggepresstes Aluminium
- 360° drehbar um die vertikale Achse
- Verbindung mittels Federstecker
- Ausgestattet mit Pogo-Pins

- Extruded aluminium
- Rotates 360° around vertical axis
- Connection by means of spring cotter
- Equipped with pogo pins

Deko-Stiele* | Deco stem*
CAPSULE, STILLA

24Vdc class III / IP65
Eisenrohr lackiert, Ø10mm | Painted iron tube, Ø10mm

Gebogen | Bend

Gerade | Straight

Mit SPOT nicht kompatibel
Incompatible to SPOT



Bodenplatte | Base plate

H500 mm **MUS-STB500-24**
H800 mm **MUS-STB800-24**

Erdspieß | Ground spike

MUS-STBS500-24
MUS-STBS800-24

Bodenplatte | Base plate

H500 mm **MUS-ST500-24**
H800 mm **MUS-ST800-24**

Erdspieß | Ground spike

MUS-STS500-24
MUS-STS800-24



MUS-ST
> CAPSULE
> STILLA

Schwarz matt eloxiert | Anodized matt black
Bronze auf Anfrage | Bronze on request

Erdspieß L247 mm | Ground spike L247 mm

*Erforderliches Netzteil im Lieferumfang nicht enthalten. Geeignete Netzteile siehe Seite 373
*Required power supply not included in the scope of delivery. Suitable power supplies see page 373



○ Weiß | White ● Schwarz | Black ● Aluminium | Aluminium ● Sand | Sand



A-MUS

Edelstahlplatte rund mit Bodenanker Ø90 mm
Stainless steel plate round with anchor Ø90 mm



- Mobile LED Akku-Leuchte inkl. Ladegerät
- Erhältlich mit verschiedenem Zubehör (separat zu bestellen)
- Leuchtenkopf erhältlich in weiß oder schwarz
- Das Zubehör ist schwarz lackiert
- Geeignet für den Einsatz in Außen- und Innenräumen
- Das Gehäuse ist aus UV-beständigem Polycarbonat
- Lichtaustritt einstellbar in 3 Intensitätsstufen über die "Touch"-Taste
- Ausgestattet mit Mid Power Leds, 2700K, 4W
- Stromversorgung durch einen mitgelieferten wiederaufladbaren Lithium-Akku (bis zu 6 Stunden Betrieb bei maximaler Leistung, voll aufgeladen)
- Schutzklasse III
- IP54

- Rechargeable portable luminaire incl. charger
- Available with various accessories (to be ordered separately)
- Luminaire head available in white or black
- The accessories are painted black
- Suitable for use in outdoor and indoor spaces
- The screen is made of polycarbonate UV resistant
- Light emission adjustable to 3 levels of intensity using the "Touch" button
- Equipped with Mid Power 2700K 4W Leds
- Powered by an included rechargeable lithium battery pack (up to 6 hours of operation at maximum level if fully charged)
- Protection class: III
- IP54



FLAI SYSTEM ^N



FLAI Leuchtenköpfe | Luminaire heads

Tragbarer Leuchtenkopf, mit spez. Magnetsystem
Portable lamp, incl. special magnetic system

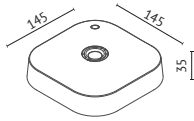


IP54 / IK07

2700 K 145x145xH35 mm

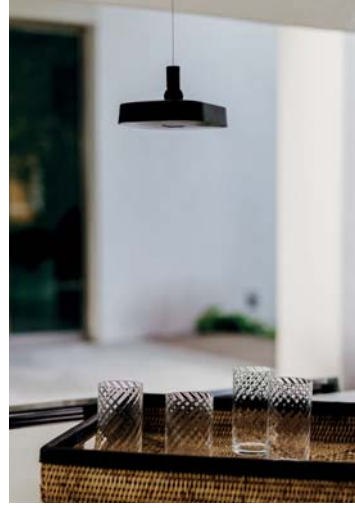
4W

- **FLAI-4SW1** 255 lm
- **FLAI-4SW2** 255 lm

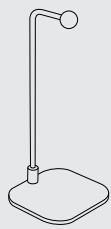


Verbindung des Leuchtenkopfs mittels Magnetsystem
Connection of luminaire head by special magnetic system



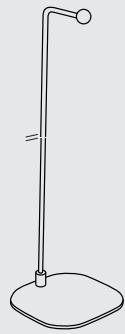


Zubehör | Accessories



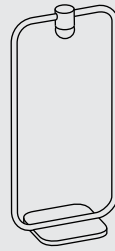
Tischhalterung
Desk support

●
150x150xH360 mm
FLAI-SF



Stehleuchtenfuß
Floor stand

●
220x220xH1300 mm
FLAI-P



Tischfuß
Lantern support

●
185x150xH390 mm
FLAI-TF



Tischfuß mit mittiger Befestigung
Central table base

●
110x110xH300 mm
FLAI-TFM



Haken magnetisch
Magnetic hook

●
FLAI-HO



Wandhalter, Ausleger: 120 mm
Wall support, 120 mm

●
50x100xH120 mm
FLAI-WH



Halter für Seil/Stab
Holder for rope/pole

●
30x30xH70 mm
FLAI-SH



Pendelset
Pendant set

●
H1500 mm
FLAI-A



○ Weiß | White ● Schwarz | Black



- Stehleuchte mit Akku oder Kabel für den Innen- und Außenbereich
- Akku-Version = 6 Stunden Akkulaufzeit bei maximaler Leistung, ca. 3 Stunden Akku-Ladezeit
- Kontinuierliches Dimmen von 10% bis 100%
- Soft-Touch-Schalter zum Ein- und Ausschalten und Dimmen
- In der Vertikalen um 310° und in der Horizontalen um 360° verstellbar
- Inkl. externem elektronisches Versorgungsteil
- Farbe: Schwarz
- Material: Primäraluminium
- Sockel aus nachhaltigem Beton gegossen
- Thermoplastische Pads unter dem Sockel verhindern Schäden am Straßenbelag
- Schutzklasse: III
- Schlagfestigkeit: IK07
- Schutzart: IP65

Auf Anfrage

- 2700 K
- Zusätzliches Batteriepaket zur Verdoppelung der Leuchtdauer
- Länge Ausleger L1050 mm

- Floor lamp with battery or cable for indoor and outdoor use
- Rechargeable battery version = 6 hours battery life at maximum power, approx. 3 hours battery charging time
- Continuous dimming from 10% to 100%
- Soft touch switch to turn on/off and dim
- Adjustable 310° vertically and 360° horizontally
- Incl. external electronic power supply
- Color: Black
- Material: Primary aluminum
- Base cast in sustainable concrete
- Thermoplastic pads under the base prevent damage to the pavement
- Protection class: III
- Impact resistance: IK07
- Protection class: IP65

On request

- 2700 K
- Additional battery pack to double the luminaire duration
- Boom length L1050 mm



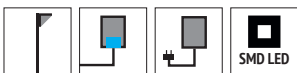
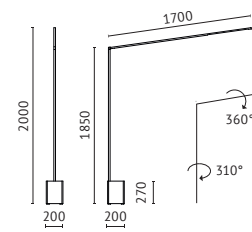
BEL
LED Stehleuchte mit Betonfuß | Floor luminaire with concrete base
220-240V~ / CRI >80 / IP65 / IK07

Mit Akku | With rechargeable battery

3000 K ● **BEL-8WW2** 7 W 619 lm

Mit Kabel und Stecker | With cable and plug

3000 K ● **BEL-8WW2K** 7 W 619 lm



● Schwarz | Black

METOO P



- LED Wand-, Decken- und Pollerleuchte
- Gehäuse aus Aluminiumdruckguss
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Schutzart: IP65
- Schutzklasse: I
- Direktanschluß an 230V (ohne externes Netzteil)

Auf Anfrage

- 2700 K
- Farbe corten
- Poller in den Höhen 100 mm und 700 mm

- LED wall, ceiling and bollard luminaire
- Body made of die-cast aluminium
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Protection Rating: IP65
- Protection Class: I
- Direct connection to 230V (without external power supply)

On request

- 2700 K
- Corten color
- Bollard in heights 100 mm and 700 mm



Wand- und Deckenanbau siehe Seite 262.
Wall and ceiling surface mounted see page 262.

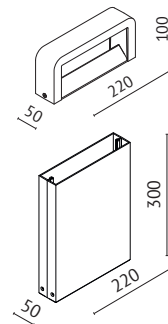
METOO
LED Wand- und Deckenanbauleuchte | LED wall and ceiling mounted luminaire
220-240V / CRI >80

L220 x T/D50 x 100 mm					10 W
4000 K	○ MET-14NW1	● MET-14NW6	● MET-14NW7	● MET-14NW8	492 lm
3000 K	○ MET-14WW1	● MET-14WW6	● MET-14WW7	● MET-14WW8	468 lm

Standfuß | Stand

L220 x T/D50 x H300 mm

○ Z-PMET1	● Z-PMET6	● Z-PMET7	● Z-PMET8
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Zubehör | Accessories

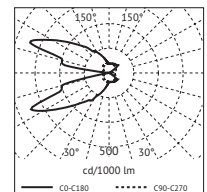


Ankerplatte | Anchor plate

A-ZE



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



STANDING



- LED Pollerleuchte
- Gehäuse aus Aluminium
- Oberflächenbearbeitung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben anthrazit und aluminiumgrau
- IK10
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- Inkl. 0,5m Zuleitung

Auf Anfrage

- Rückseitiger Lichtaustritt 7 W
- 2700 K
- Farbe corten

- LED bollard luminaire
- Body of aluminium
- Surface treatment of aluminium: pickling + phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Housing colors anthracite und aluminium grey
- IK10
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply
- Incl. 0,5m power supply cable

On request

- 7 W light emission on the back
- 2700 K
- Corten color



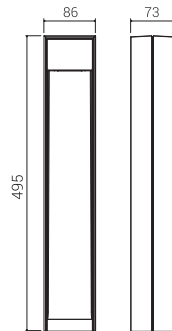
Das frontale LED-Licht wird nach unten gerichtet und verfügt über einen Blendschutz.
The frontal LED light is directed downwards and has an anti-glare shield.



Mit dem speziellen, wasserfesten Y-Anschluss Art.-Nr. Z-VERIP-DL3 (als Zubehör erhältlich), kann die Durchgangverkabelung ausgeführt werden.
With the special, waterproof Y-connector part no. Z-VERIP-DL3 (available as accessory), a through-wiring can be installed.



Für die interne Verdrahtung der Struktur sind die passenden Anschlüsse Art.-Nr. Z-VERIP-L2 und Z-VERIP-DL3 separat erhältlich.
The appropriate connectors are available separately (Item no. Z-VERIP-L2 or Z-VERIP-DL3).



STANDING
LED Pollerleuchte | LED bollard
AC 220-240 V / IK10 / CRI >80

∠ 80°	H495 mm		8 W
4000 K	● STAND-8NW6	● STAND-8NW7	423 lm
3000 K	● STAND-8WW6	● STAND-8WW7	423 lm

Zubehör | Accessories



Bodenanker
Ground anchor
A-STAND
Edelstahl,
4 Stück (Set)
Stainless Steel,
4 Pieces (Set)



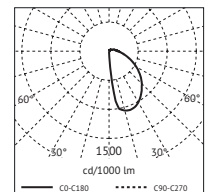
Längsverbinder
2 way connector
Z-VERIP-L2
Für 4 poliges Kabel IP68
(Ø5,5÷12mm Kabel),
inkl. aqua-stop
For 4-pin cable IP68
(Ø5,5÷12mm cable),
incl. aqua-stop



Y-Verbinder
Y-connector
Z-VERIP-DL3
IP68, (für Kabel 3x2,5 mm²)
IP68, (for cable 3x2,5 mm²)



● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



ZEUS



- LED Pollerleuchte
- Gehäuse aus Aluminium
- H315 mm, integrierte Inox-Befestigungsplatte
- Pulverbeschichtet
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Diffusor aus gehärtetem und transparentem Glas (siebbedruckt)
- Schutzart: IP65
- Schutzklasse: I
- Direktanschluß an 230V (ohne externes Netzteil)

Auf Anfrage

- 2700 K
- Farbe corten

- LED bollard
- Body made of aluminium
- H315 mm, integral inox fixing plate
- Powder coated
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Tempered and transparent glass diffuser (screen-printed)
- Protection Rating: IP65
- Protection Class: I
- Direct connection to 230V (without external power supply)

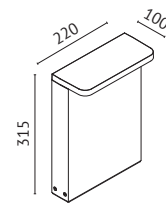
On request

- 2700 K
- Corten color



ZEUS
LED Pollerleuchte | LED bollard luminaire
220-240V / CRI >80

				10 W	
4000 K	○ ZE-10NW1	● ZE-10NW6	● ZE-10NW7	● ZE-10NW8	706 lm
3000 K	○ ZE-10WW1	● ZE-10WW6	● ZE-10WW7	● ZE-10WW8	672 lm



Zubehör | Accessories

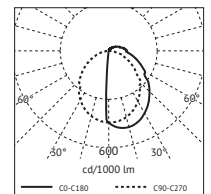


Ankerplatte | Anchor plate

A-ZE



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



QUANTUM



- LED Pollerleuchte
- Gehäuse aus Aluminium in anthrazit oder aluminiumgrau
- Oberflächenbehandlung von Aluminium: Phosphorchromatieren + Lackierung mit UV-stabilisiertem Epoxidpulver
- Asymmetrische Lichtverteilung
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

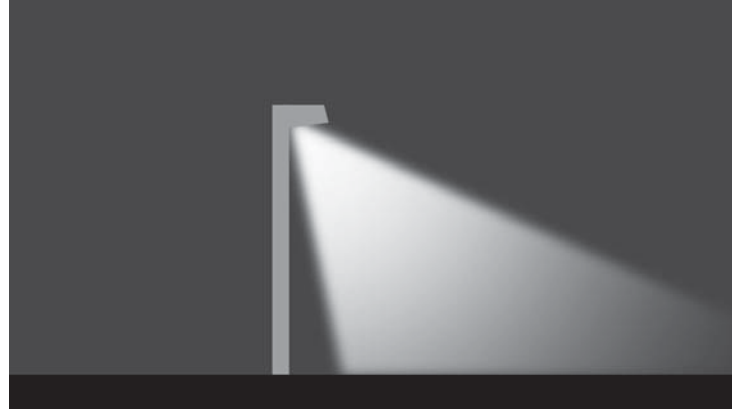
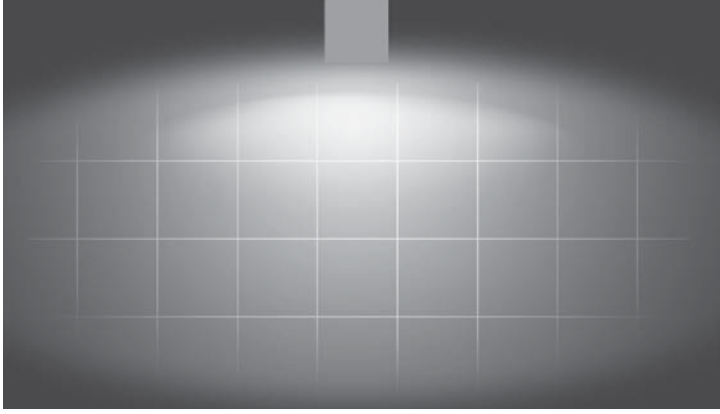
Auf Anfrage

- Dali dimmbar
- Ausführung mit Sensor

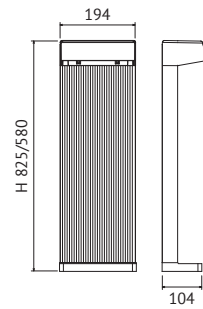
- LED bollard luminaire
- Body made of aluminium anthracite or aluminium grey
- Surface treatment of aluminium: phosphorus chromate + varnish with corrosion protection polyester powder
- Asymmetric light distribution
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

- Dali
- Sensor version



QUANTUM
LED Pollerleuchte | LED bollard luminaire
220-240V / CRI >80



H580 mm	13 W	13 W
4000 K ● QUANP2-13NW6	1123 lm	● QUANP2-13NW7 1136 lm
3000 K ● QUANP2-13WW6	1123 lm	● QUANP2-13WW7 1136 lm

H825 mm	13 W	13 W
4000 K ● QUANP1-13NW6	1123 lm	● QUANP1-13NW7 1136 lm
3000 K ● QUANP1-13WW6	1123 lm	● QUANP1-13WW7 1136 lm

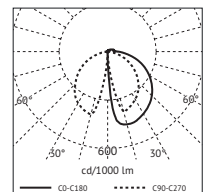
Zubehör | Accessories



Bodenanker | Ground anchor
A-STAND
Edelstahl, 4 Stück (Set)
Stainless Steel, 4 Pieces (Set)



● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



TRIANGOLO



- LED Pollerleuchte
- Gehäuse aus Aluminiumdruckguss
- 2 Versionen (Standard, Notlicht)
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Erhältlich in den Farben anthrazit und aluminiumgrau
- Schutzart: IP65
- Schutzklasse: II
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Ausstrahlwinkel 38° und 120°

- LED bollard luminaire
- Body of die-cast aluminium
- 2 versions (standard, emergency)
- Surface treatment of aluminium: pickling + phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Housing colors anthracite and aluminium grey
- Protection Rating: IP65
- Protection Class: II
- Built-in electronic power supply

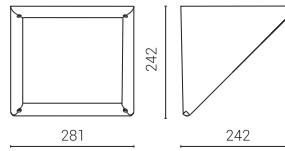
On request

- Beam angle 38° and 120°

TRIANGOLO
LED Wand- und Deckenleuchte | LED wall and ceiling mounted luminaire
230V/50Hz / CRI >80

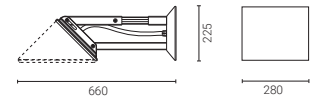
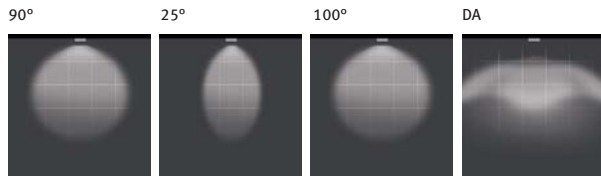
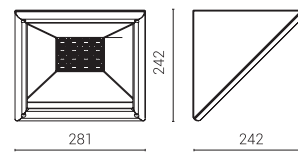
Opal Glas | Opal glass

	∧ 90°	Standard	34,5 W
	4000 K	● TR-34NW6F ● TR-34NW7F	1684 lm
	3000 K	● TR-34WW6F ● TR-34WW7F	1684 lm
	∧ 90°	3h Notlichtfunktion 3h emergency light	34,5 W
	4000 K	● TRN-34NW6F ● TRN-34NW7F	1684 lm
	3000 K	● TRN-34WW6F ● TRN-34WW7F	1684 lm

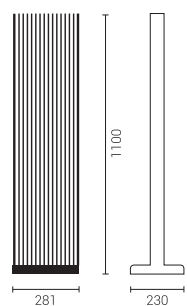


Gefrästes und gehärtetes Glas | Milled and tempered glass

	∧ 25°	53 W	
	4000 K	● TR-50NW6S ● TR-50NW7S	5608 lm
	3000 K	● TR-50WW6S ● TR-50WW7S	5608 lm
	∧ 100°	53 W	
	4000 K	● TR-50NW6F ● TR-50NW7F	5466 lm
	3000 K	● TR-50WW6F ● TR-50WW7F	5466 lm
	∧ Doppelasymmetrisch Double asymmetric	53 W	
	4000 K	● TR-50NW6BAT ● TR-50NW7BAT	5646 lm
	3000 K	● TR-50WW6BAT ● TR-50WW7BAT	5646 lm



Zubehör | Accessories



Mast | Post

- **C-TR-11006** ● **C-TR-11007**

Mast aus extrudiertem Aluminium. Pfahlanschluss und Bodenplatte aus druckgegossenem Aluminium. Eine zweite Leuchte kann installiert werden. In die Rückseite des Mastes eingelassene Abzweigdose mit Sicherungshalter. Das Unterteil des Fußes ist aus Gummi, korrosionsbeständig. UV-sichere, stabilisierte Oberflächenbehandlung korrosionsbeständig.
Nur Mast, Triangolo Leuchte muss separat bestellt werden.

Post in extruded aluminium. Top cover and base in die-cast aluminium. A second Triangolo can be installed as well. Recessed junction box included, complete with fuse-holder. Rubber plate against corrosion under the base. UV and corrosion resistant finish.
Post only, Triangolo fitting has to be ordered separately.

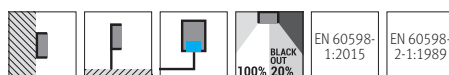


Ausleger | Arm

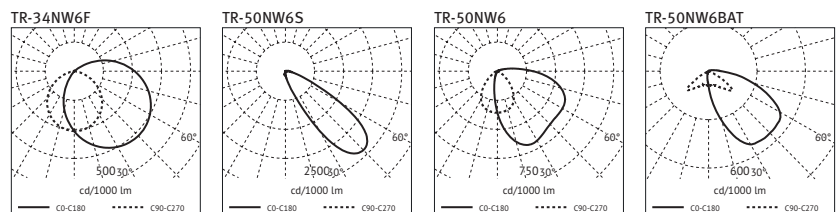
- **Z-TR6**

- Ausleger vollständig aus Aluminium
- Edelstahlschrauben
- Ab 0° bis 45° orientierbar
- Mit IP 66 Kabeldurchgangshülle
- Für Wandmontage

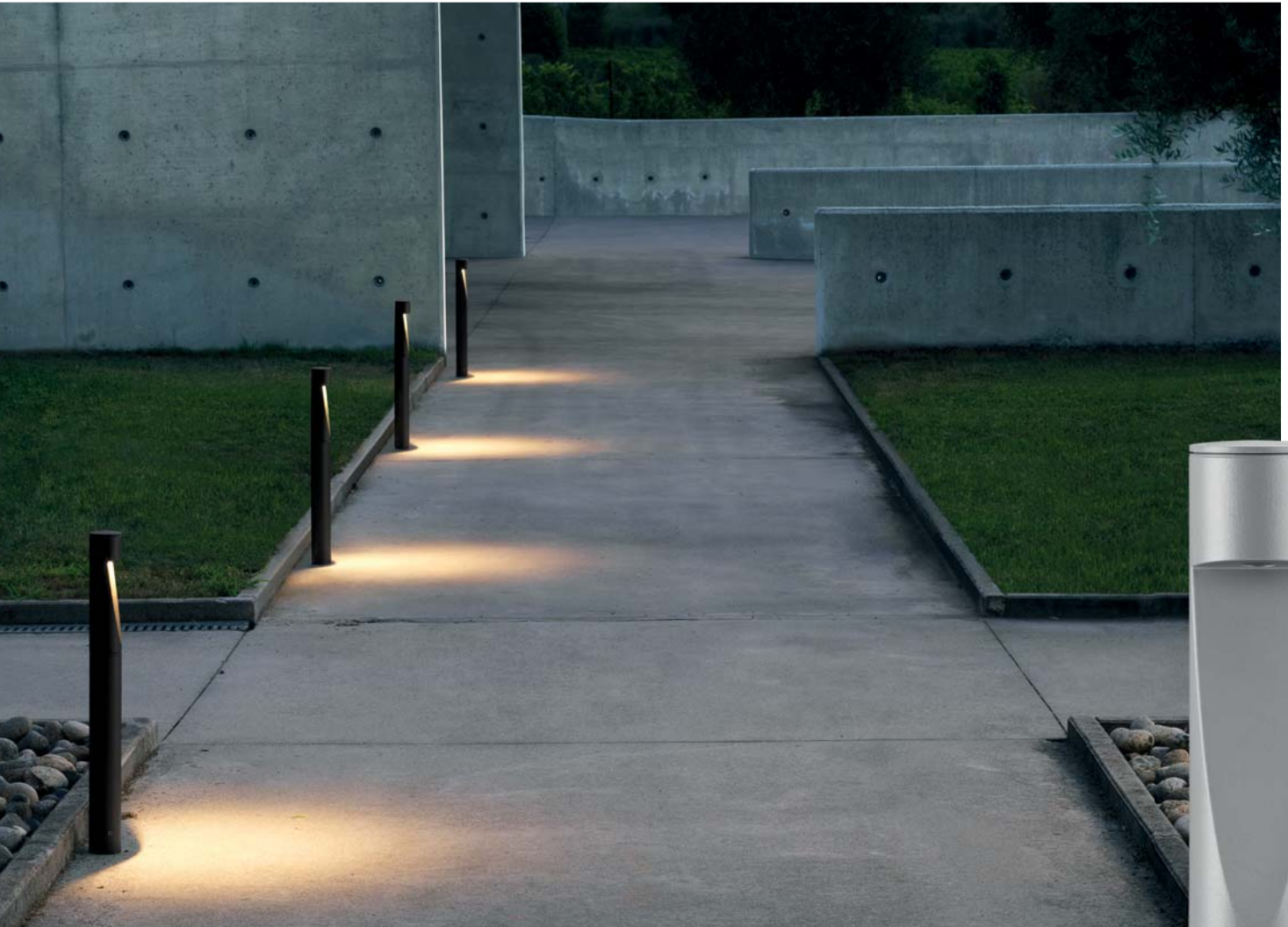
- Arm completely in aluminium
- Stainless steel screws
- Adjustable from 0° to 45°
- Flexible waterproof conduit
- For wall mounting



- Anthrazit | Anthracite
- Aluminiumgrau | Aluminium grey



IAN 60^N



- LED Leuchtenkopf Ø60 mm
- Gesamthöhe 604 mm und 1029 mm
- Gehäuse aus Aluminium-Druckguss
- IK10
- Erhältlich in den Farben anthrazit und aluminium grau
- Schutzart: IP66
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- 2700 K
- Farbe bronze

- LED Light Body Ø60 mm
- Total height 615 mm and 1076 mm
- Body of die-cast aluminium
- IK10
- Housing colors anthracite and aluminium grey
- Protection Rating: IP66
- Protection Class: I
- Built-in electronic power supply

On request

- 2700 K
- Bronze color

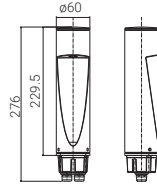




IAN 60
LED Leuchtenkopf Ø60 mm | LED Light Body Ø60 mm
220-240V / CRI >80

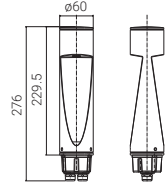
Einfacher Lichtaustritt | Single emission

Beam angle	Power
80°	5 W
4000 K ● IAN60-4NW6	116 lm
3000 K ● IAN60-4WW6	116 lm
4000 K ● IAN60-4NW7	116 lm
3000 K ● IAN60-4WW7	116 lm



Zweifacher Lichtaustritt | Double emission

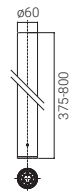
Beam angle	Power
2x80°	9 W
4000 K ● IAN60-8NW6	232 lm
3000 K ● IAN60-8WW6	232 lm
4000 K ● IAN60-8NW7	232 lm
3000 K ● IAN60-8WW7	232 lm



Zubehör | Accessories

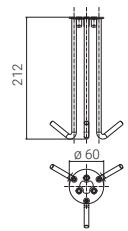
Poller Ø60 mm
Post Ø60 mm

Height	Product Code
H375 mm	IAN60D-37506
H800 mm	IAN60D-80006
	IAN60D-37507
	IAN60D-80007

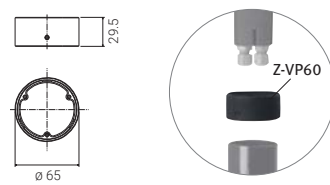


Längsverbinder
2 way terminal block
Z-VERIP-DL2
IP68, (für Kabel 3x2,5 mm²)
IP68, (for cable 3x2,5 mm²)

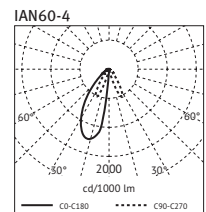
Platte aus Edelstahl
Stainless steel plate
A-IAN60
Mit Bodenanker
(Zink beschichtet)
With ground anchoring
set (zinc coated)



Verbindungsring Ø60 mm
Straight connector Ø60 mm
Z-VP60
Adapter für Poller mit Ø60 mm,
aus Aluminium
Adapter for pole Ø60 mm,
in Aluminium



● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



IAN 120^N



- LED Pollerleuchte
- Höhen 613 mm und 1000 mm
- Gehäuse aus Aluminium-Druckguss
- IK10
- Erhältlich in den Farben anthrazit und aluminiumgrau
- Schutzart: IP66
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

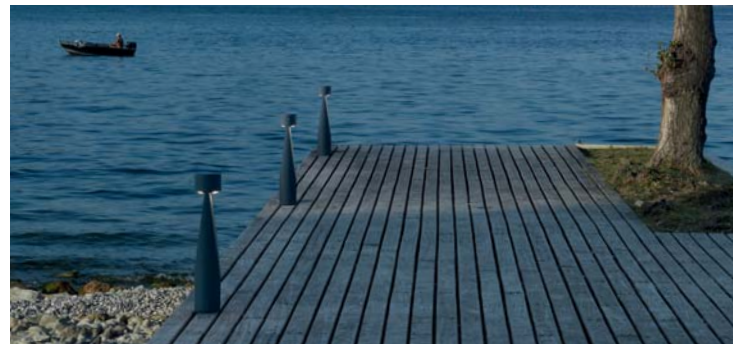
Auf Anfrage

- DALI
- 2700 K
- Farbe bronze

- LED bollard luminaire
- Heights 613 mm and 1000 mm
- Body of die-cast aluminium
- IK10
- Housing colors anthracite and aluminium grey
- Protection Rating: IP66
- Protection Class: I
- Built-in electronic power supply

On request

- DALI
- 2700 K
- Bronze color



IAN 120
LED Pollerleuchte Ø120 mm | LED Bollard Ø120 mm
220-240V / CRI >80



Einfacher Lichtaustritt | Single emission

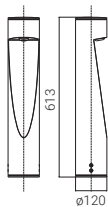
∠ 120°, H613 mm 8 W

4000 K ● **IAN120-8NW6** 516 lm

3000 K ● **IAN120-8WW6** 516 lm

4000 K ● **IAN120-8NW7** 516 lm

3000 K ● **IAN120-8WW7** 516 lm



Zweifacher Lichtaustritt | Double emission

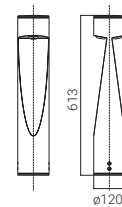
∠ 120°, H613 mm 16 W

4000 K ● **IAN120-15NW6** 1032 lm

3000 K ● **IAN120-15WW6** 1032 lm

4000 K ● **IAN120-15NW7** 1032 lm

3000 K ● **IAN120-15WW7** 1032 lm



Einfacher Lichtaustritt | Single emission

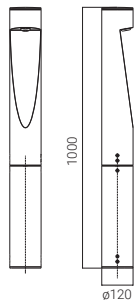
∠ 120°, H1000 mm 8 W

4000 K ● **IAN120M-8NW6** 516 lm

3000 K ● **IAN120M-8WW6** 516 lm

4000 K ● **IAN120M-8NW7** 516 lm

3000 K ● **IAN120M-8WW7** 516 lm



Zweifacher Lichtaustritt | Double emission

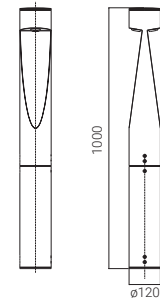
∠ 120°, H1000 mm 16 W

4000 K ● **IAN120M-15NW6** 1032 lm

3000 K ● **IAN120M-15WW6** 1032 lm

4000 K ● **IAN120M-15NW7** 1032 lm

3000 K ● **IAN120M-15WW7** 1032 lm



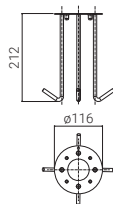
Zubehör | Accessories



Platte aus Edelstahl
Stainless steel plate

A-IAN120

Ø116 mm, H212 mm
Mit Bodenanker (Zink beschichtet)
With ground anchoring set (zinc coated)



Längsverbinder
2 way terminal block

Z-VERIP-DL2

IP68, (für Kabel 3x2,5 mm²)
IP68, (for cable 3x2,5 mm²)



Doppelter Längsverbinder
Double connector

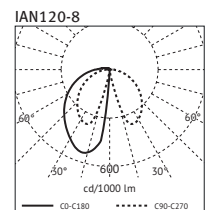
Z-VERIP-DLH2O

IP68, (für Kabel 3x2,5 mm²)
IP68, (for cable 3x2,5 mm²)



● Anthrazit | Anthracite

● Aluminiumgrau | Aluminium grey



MATITA R



- LED Pollerleuchte
- Höhen 160 mm, 500 mm und 800 mm
- Gehäuse aus Aluminium-Druckguss
- IK07
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Schutzart: IP65
- Schutzklasse: I

Auf Anfrage

- 2700 K
- Farbe corten



- LED bollard luminaire
- Heights 160 mm, 500 mm und 800 mm
- Body of die-cast aluminium
- IK07
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Protection Rating: IP65
- Protection Class: I

On request

- 2700 K
- Corten color

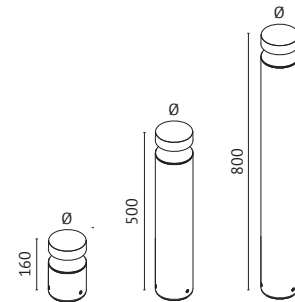


Reflektor schwarz Art.-Nr. Endung = -2
 Bsp.: MATMI-14NW08-2
 Reflector black item no. ending = -2
 E.g.: MATMI-14NW08-2

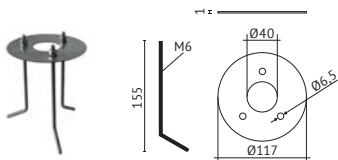


MATITA R
 LED Pollerleuchte | LED bollard luminaire
 220-240V / CRI >80

∧ 360°	H160 mm / Ø120 mm				14 W
4000 K	○ MATMI-14NW1	● MATMI-14NW6	● MATMI-14NW7	● MATMI-14NW08	1210 lm
3000 K	○ MATMI-14WW1	● MATMI-14WW6	● MATMI-14WW7	● MATMI-14WW08	1152 lm
∧ 360°	H500 mm / Ø120 mm				14 W
4000 K	○ MAT-14NW1	● MAT-14NW6	● MAT-14NW7	● MAT-14NW08	1210 lm
3000 K	○ MAT-14WW1	● MAT-14WW6	● MAT-14WW7	● MAT-14WW08	1152 lm
∧ 360°	H800 mm / Ø120 mm				14 W
4000 K	○ MATMA-14NW1	● MATMA-14NW6	● MATMA-14NW7	● MATMA-14NW08	1210 lm
3000 K	○ MATMA-14WW1	● MATMA-14WW6	● MATMA-14WW7	● MATMA-14WW08	1152 lm



Zubehör | Accessories



Befestigungsplatte mit Bodenanker
 Base plate and ground anchors

A-MATI

Platte aus Edelstahl AISI 304, 3 Bodenanker in Zink beschichtet, 3 Befestigungsmuttern
 AISI 304 stainless steel plate, 3 ground anchors in zinc coated, 3 fixing nuts



Längsverbinder
 2 way terminal block
Z-VERIP-DL2

IP68, (für Kabel 3x2,5 mm²)
 IP68, (for cable 3x2,5 mm²)



Doppelter Längsverbinder
 Double connector
Z-VERIP-DLH2O

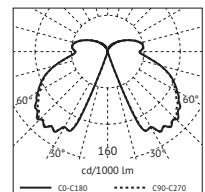
IP68, (für Kabel 3x2,5 mm²)
 IP68, (for cable 3x2,5 mm²)



Z-SSO
 Abdeckung | Shield
 180°



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



MATITA Q



- LED Pollerleuchte
- Höhe 300 mm
- Gehäuse aus Aluminium-Druckguss
- IK07
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- 2700 K
- Farbe corten

- LED bollard luminaire
- Height 300 mm
- Body of die-cast aluminium
- IK07
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

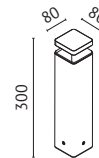
- 2700 K
- Corten color



Reflektor schwarz Art.-Nr. Endung = -2
 Bsp.: MATQ-9NW1-2
 Reflector black item no. ending = -2
 E.g.: MATQ-9NW1-2

MATITA Q
 LED Pollerleuchte | LED bollard luminaire
 220-240V / CRI >80

∠ 360°	H300 mm				9 W
4000 K	○ MATQ-9NW1	● MATQ-9NW6	● MATQ-9NW7	● MATQ-9NW8	387 lm
3000 K	○ MATQ-9WW1	● MATQ-9WW6	● MATQ-9WW7	● MATQ-9WW8	369 lm



Zubehör | Accessories



Befestigungsplatte mit Bodenanker
 Base plate and ground anchors

A-MATQ

Platte aus Edelstahl AISI 304, 3 Bodenanker in Zink beschichtet, 3 Befestigungsmuttern
 AISI 304 stainless steel plate, 3 ground anchors in zinc coated, 3 fixing nuts



Längsverbinder
 2 way terminal block

Z-VERIP-DL2

IP68, (für Kabel 3x2,5 mm²)
 IP68, (for cable 3x2,5 mm²)



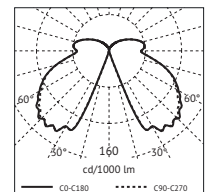
Doppelter Längsverbinder
 Double connector

Z-VERIP-DLH2O

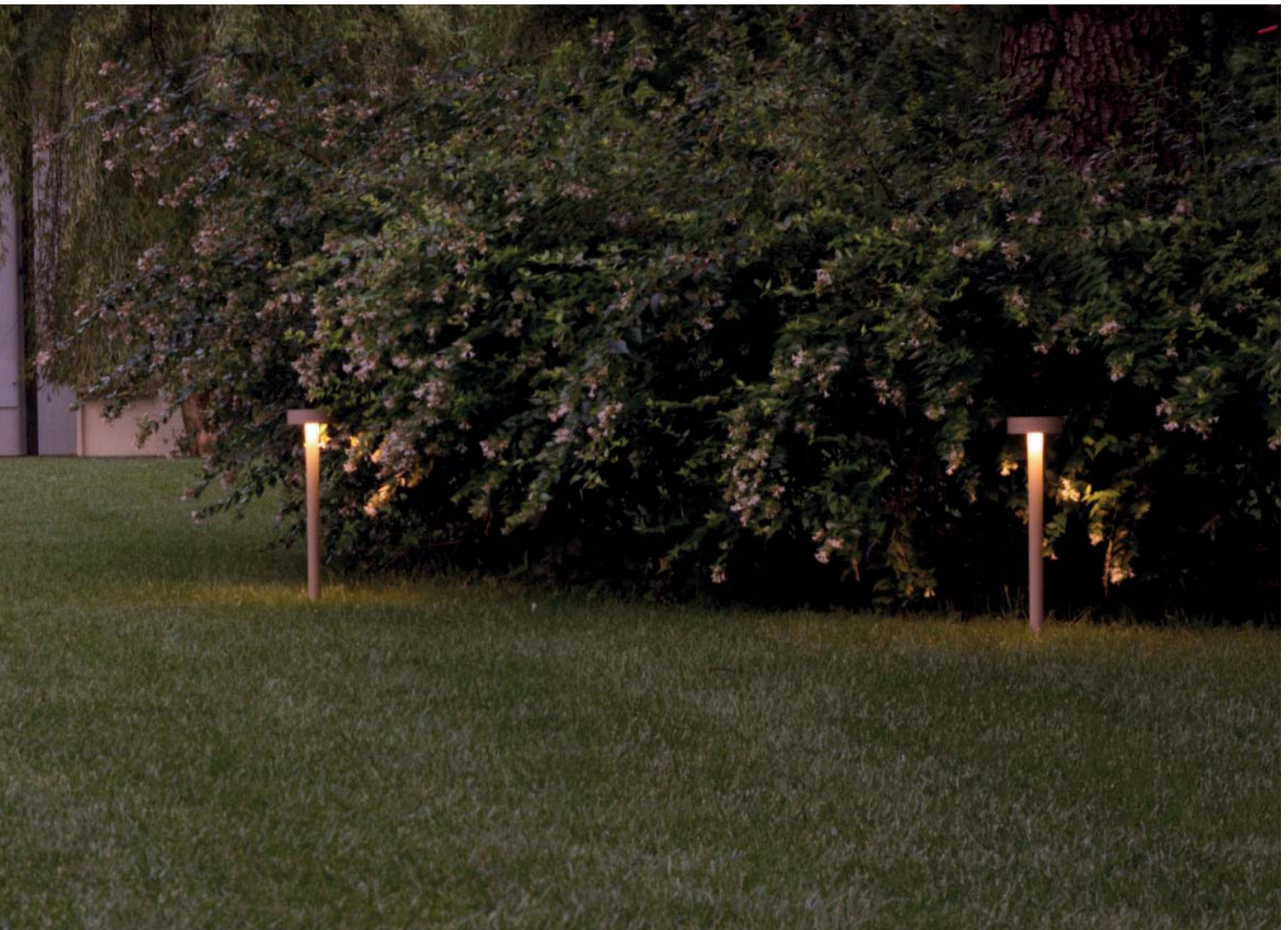
IP68, (für Kabel 3x2,5 mm²)
 IP68, (for cable 3x2,5 mm²)



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



SOFIA



- LED Pollerleuchte
- Kopfteil aus Aluminium-Druckguss
- Sockel aus bearbeitetem Aluminium und Mast in zwei Größen aus stranggepresstem Aluminium, Höhe 500 mm und 800 mm
- Pulverbeschichtet
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau und Ibiza sand
- Gehärtetes transparentes Glas
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- 2700 K
- Farbe corten

- LED Bollard
- Head section made of die-cast aluminium
- Base made of aluminium, pole made of extruded aluminium, Height 500 mm and 800 mm
- Powder coated
- Housing colors white, anthracite, aluminium grey and Ibiza sand
- Tempered transparent glass
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply

On request

- 2700 K
- Corten color

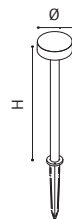
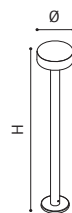


SOFIA
LED Pollerleuchte | LED bollard luminaire
220-240V / CRI >80

⚡ 360°	H500 mm / Ø120 mm					12 W
4000 K	○ SO-10NW1-500	● SO-10NW6-500	● SO-10NW7-500	● SO-10NW08-500		1210 lm
3000 K	○ SO-10WW1-500	● SO-10WW6-500	● SO-10WW7-500	● SO-10WW08-500		1152 lm
⚡ 360°	H800 mm / Ø120 mm					12 W
4000 K	○ SO-10NW1-800	● SO-10NW6-800	● SO-10NW7-800	● SO-10NW08-800		1210 lm
3000 K	○ SO-10WW1-800	● SO-10WW6-800	● SO-10WW7-800	● SO-10WW08-800		1152 lm

Mit Erdspeiß | With ground spike
220-240V / CRI >80

⚡ 360°	H500 mm / Ø120 mm					12 W
4000 K	○ SOF-10NW1-500	● SOF-10NW6-500	● SOF-10NW7-500	● SOF-10NW08-500		1210 lm
3000 K	○ SOF-10WW1-500	● SOF-10WW6-500	● SOF-10WW7-500	● SOF-10WW08-500		1152 lm
⚡ 360°	H800 mm / Ø120 mm					12 W
4000 K	○ SOF-10NW1-800	● SOF-10NW6-800	● SOF-10NW7-800	● SOF-10NW08-800		1210 lm
3000 K	○ SOF-10WW1-800	● SOF-10WW6-800	● SOF-10WW7-800	● SOF-10WW08-800		1152 lm



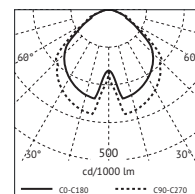
Zubehör | Accessories



Z-SSO
Abdeckung
Shield
180°



○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey ● Ibiza sand



SERVERPOINT



- Multifunktions-Poller
- 3 Versionen (Steckdosen, Orientierungslicht und Bewegungsmelder kombinierbar)
- Gehäuse aus stranggepresstem Aluminium, Fuß und Kopfstück aus Aluminiumdruckguss, Farbe anthrazit
- Oberflächenbehandlung von Aluminium: Beizen + Phosphorchromatieren + Epoxidgrundierung + Lackierung mit UV-stabilisiertem Epoxidpulver
- Zweifach-Kasten zur Trennung der Licht- und Stromkabel
- 2 Abzweigdosen komplett mit Klemmleiste
- Schutzart: IP55

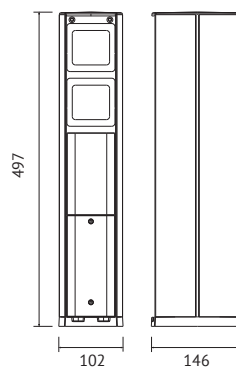
Auf Anfrage

- CEE17 Industriesteckdosen
- Zusätzliche Steckdosen
- 3000 K
- Schweizer Steckdose
- Weitere Ausführungen

- LED garden power bollard
- 3 versions (socket, orientation light, motion sensor, combinable)
- Body made of extruded aluminum, base and head made of die-cast aluminum, color anthracite
- Surface treatment of aluminium: pickling + phosphorus chromate + epoxy coating + varnish with UV-stabilized epoxy powder
- Double box for separation of light and electricity cable
- 2 junction boxes with terminal block
- Protection Rating: IP55

On request

- Industrial CEE17
- More jacks
- 3000 K
- Swiss socket
- Other versions



● **SERVPOINT1**

2x Steckdose | 2x socket

● **SERVPOINT2**

1x Steckdose | 1x socket
 1x LED Orientierungslicht 3,2 W, 4000 K
 1x Recessed LED path marker 3,2 W, 4000 K
 1x Sensor | Sensor

● **SERVPOINT3**

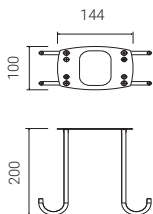
2x Steckdosen | 2x socket
 1x LED Orientierungslicht 3,2 W, 4000 K
 1x Recessed LED path marker 3,2 W, 4000 K

Zubehör | Accessories



Edelstahlplatte mit Bodenanker
 Stainless steel plate with ground anchoring set

A-SERVVP



EN 60598-1:2015

EN 60598-2-2:2012



● Anthrazit | Anthracite





IAN URBAN^N



- LED Mastleuchte
- Gehäuse aus Aluminium
- Erhältlich in den Farben anthrazit und aluminiumgrau
- Ausstrahlwinkel 60° und 120°
- Schutzart: IP66
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- DALI
- Farbe bronze
- 2700 K

- LED mast pole
- Body made of aluminium
- Housing colors anthracite and aluminium grey
- Beam angle 60° and 120°
- Protection Rating: IP66
- Protection Class: I
- Built-in electronic power supply

On request

- DALI
- Bronze color
- 2700 K

IAN URBAN
LED Mastleuchte | LED mast pole
230V / CRI >80 / IK10 / IP66 / Sichtbare Höhe: 2400 mm

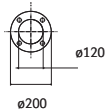


Ø120 mm | Einfacher Lichtaustritt | Single emission

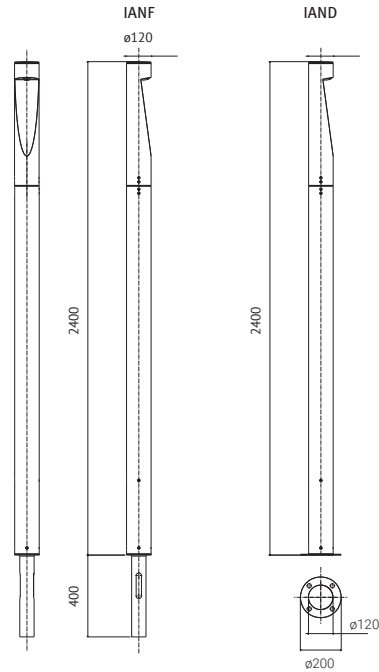
Beam angle	Power	Color temperature	Model	Light output	
60°	16 W	4000 K	● IANF-16NW6AE ● IANF-16NW7AE	857 lm	
		3000 K	● IANF-16WW6AE ● IANF-16WW7AE	857 lm	
	120°	16 W	4000 K	● IANF-16NW6AF ● IANF-16NW7AF	611 lm
			3000 K	● IANF-16WW6AF ● IANF-16WW7AF	611 lm



Mit Sockel
With base
Ø200 mm



Beam angle	Power	Color temperature	Model	Light output	
60°	16 W	4000 K	● IAND-16NW6AE ● IAND-16NW7AE	857 lm	
		3000 K	● IAND-16WW6AE ● IAND-16WW7AE	857 lm	
	120°	16 W	4000 K	● IAND-16NW6AF ● IAND-16NW7AF	611 lm
			3000 K	● IAND-16WW6AF ● IAND-16WW7AF	611 lm



Ausführung Pollerleuchte s. S. 334
Version bollard luminaire s. p. 334

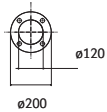


Zweifacher Lichtaustritt | Double emission

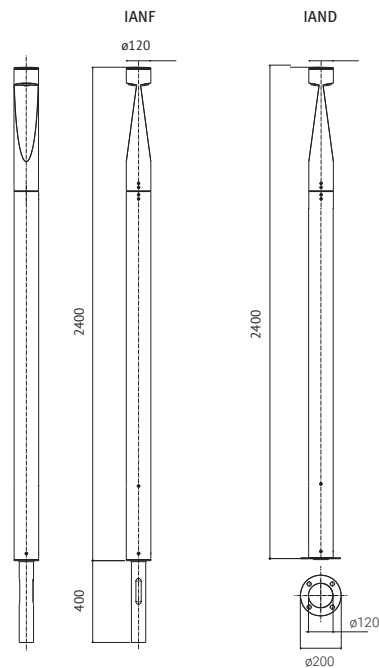
Beam angle	Power	Color temperature	Model	Light output	
60°	32 W	4000 K	● IANF-32NW6AE ● IANF-32NW7AE	1714 lm	
		3000 K	● IANF-32WW6AE ● IANF-32WW7AE	1714 lm	
	120°	32 W	4000 K	● IANF-32NW6AF ● IANF-32NW7AF	1222 lm
			3000 K	● IANF-32WW6AF ● IANF-32WW7AF	1222 lm



Mit Sockel
With base
Ø200 mm

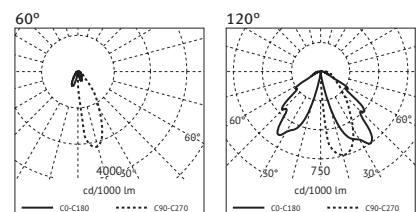
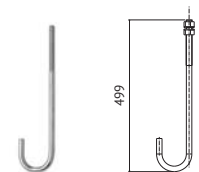


Beam angle	Power	Color temperature	Model	Light output	
60°	32 W	4000 K	● IAND-32NW6AE ● IAND-32NW7AE	1714 lm	
		3000 K	● IAND-32WW6AE ● IAND-32WW7AE	1714 lm	
	120°	32 W	4000 K	● IAND-32NW6AF ● IAND-32NW7AF	1222 lm
			3000 K	● IAND-32WW6AF ● IAND-32WW7AF	1222 lm



4 Bodenanker aus Stahl
4 steel ground anchors
L499 mm

A-IAND



● Anthrazit | Anthracite

● Aluminiumgrau | Aluminium grey



- LED Außenscheinwerfer für Wand-, Boden- und Mastmontage
- Gehäuse aus Alu-Druckguss
- Ultra-weißes klares gehärtetes Vorderglas, am Verschlussrahmen abgedichtet
- Farbe anthrazit
- Verschiedene Ausstrahlwinkel
- Schwenkbarer Befestigungsbügel
- Schutzart: IP66
- Schutzklasse: I
- IKo8
- Integriertes elektronisches Versorgungsteil

Auf Anfrage

- Weitere Ausstrahlwinkel
- 2700 K

- LED Projector for wall, ground and pole installation
- Body of aluminium die-cast body
- Transparent ultrawhite tempered front glass, sealed to the closing frame
- Housing color anthracite
- Different beam angle
- Adjustable hooking bracket
- Protection Rating: IP66
- Protection Class: I
- IKo8
- Built-in electronic power supply

On request

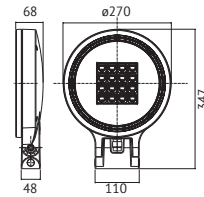
- Other beam angles
- 2700 K



PRO STREET
LED Scheinwerfer | LED projector
Ø270*H48 mm / 230V / CRI >80 / IP66 / IK08



4000 K		25 W	4000 K	35 W
▲ 17° Symmetrisch	● PRO-25NW6S	3101 lm	● PRO-35NW6S	3958 lm
▲ 90°x30° Asymmetrisch	● PRO-25NW6A	2679 lm	● PRO-35NW6A	3420 lm
▲ 150°x45° Asymmetrisch	● PRO-25NW6F	2609 lm	● PRO-35NW6F	3330 lm

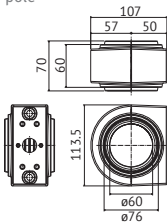


- Hochleistungs-LED-Module | Highly performing LED modules
- Eingebauter Treiber | Driver incorporated
- Symmetrische und asymmetrische Linsen für Streetlight-Optik | Symmetrical and asymmetrical lenses for streetlight optic

Zubehör | Accessories

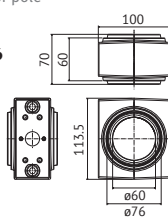
Einzelanschluss für Mast
Single connection for pole
Ø 60 - 76 mm

● A-PROTOE60-76



Doppelanschluss für Mast
Double connection for pole
Ø 60 - 76 mm

● A-PROTOD60-76



Mast
Pole
Ø 60 - 76 mm

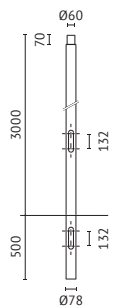
● PROTOF-30006

H3500 mm

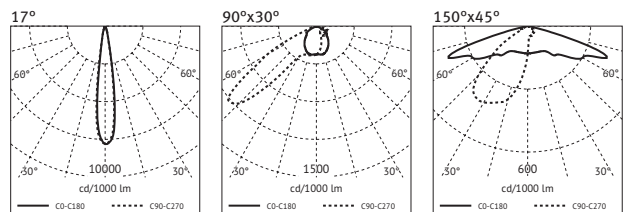
Sichtbar | Visible H3000 mm

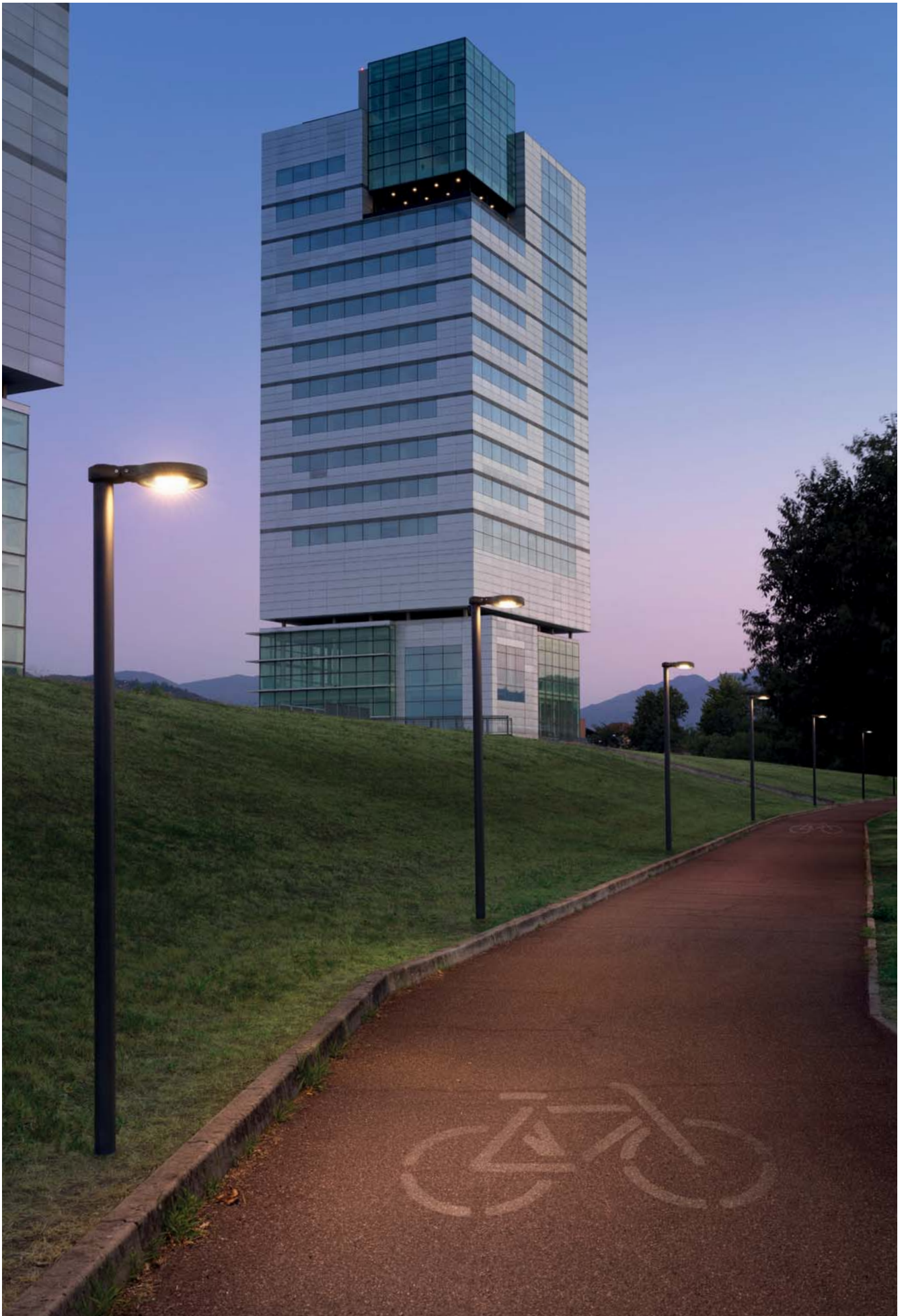
Aus elektrogeschweißtem Stahlrohr, feuerverzinkt und lackiert. Komplett mit Kabeleinführung, Erdungsanschluss und Steckplatz mit Tür und Klemmleiste. Zopf = Ø60 mm.

In steel obtained from electro-welded tube, hot-dip galvanized and painted. Complete with cable entry, earthing connection and slot with door and terminal block. Spigot size = Ø60 mm.



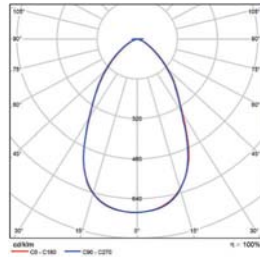
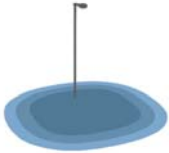
● Anthrazit | Anthracite





PRO STREET OPTIK

SYMMETRISCH | SYMMETRICAL

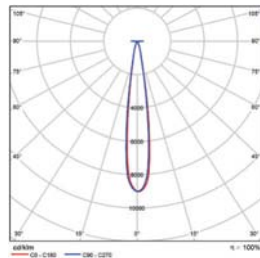


100° symmetrisch (standard code)

Gleichmäßige Ausleuchtung

100° symmetric (standard code)

uniform lighting



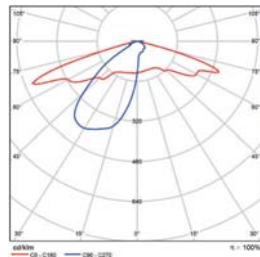
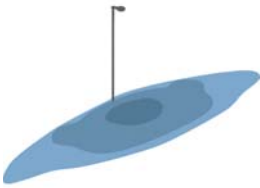
17° symmetrisch (code + O1)

Akzent- und Detailbeleuchtung

17° symmetric (code + O1)

accent and detail lighting

ASYMMETRISCH | ASYMMETRICAL

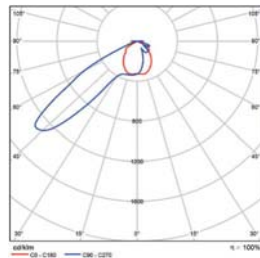


150° x 45° asymmetrisch Rad- oder Fußgängerweg (code + O2)

Beleuchtung für Durchgangsbereiche, mit hoher Abstandsfläche

150° x 45° asymmetric cycle or pedestrian path (code + O2)

lighting for transit areas, with high interdistance

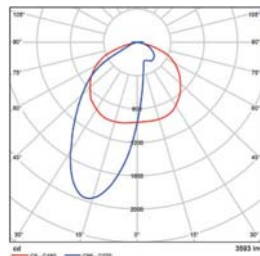
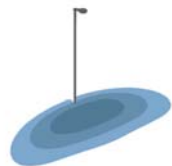


90° x 30° rechteckig symmetrisch (code + O3)

Tiefgehende Beleuchtung, z. B. für Spielplätze oder Fußgängerüberwege

90° x 30° rectangular asymmetric (code + O3)

in-depth lighting, such as play areas or pedestrian crossings

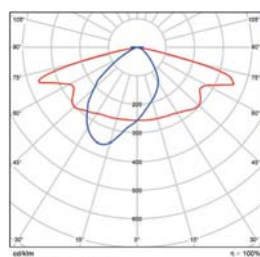


120° x 45° Umkreis asymmetrisch (code + O4)

Beleuchtung von großen Flächen, Parkplätzen, Zufahrten, Be- und Entladezonen

120° x 45° perimeter asymmetric (code + O4)

lighting of large spaces, car parks, accesses, loading and unloading zones



150° x 70° symmetrisch Straßenbeleuchtung (code + O5)

Beleuchtung von Nebenstraßen, Anliegerstraßen und Straßen mit geringem Verkehrsaufkommen; 20° Hintergrundbeleuchtung ermöglicht die Beleuchtung von Flächen hinter der Fahrbahn, wie Geh- und Radwege

150° x 70° asymmetric street lighting (code + O5)

lighting of secondary, residential and low-flow motorized roads; 20° backlight allows to illuminate spaces behind the carriageway, such as pavements and cycle paths



- Kompakte multifunktionale LED Mastaufsatzleuchte mit modernem und essentielltem Design. Geeignet für Straßen- und Stadtbeleuchtung, Parkplätze, Rad- und Fußgängerwege
- Mastmontage: geeignet für Ø 60mm Masten, Adapter für Ø 76mm als Zubehör erhältlich
- Installation: Für die Installation in vertikaler oder horizontaler Position, ohne Adapter, Rotationsbereich: +15°/-5°
- Gehäuse aus Aluminium-Druckguss
- Lackierung: wärmehärtendes Polyesterpulver, vorherige Entfettung und Phosphochromatierung, die eine extrem hohe Beständigkeit gegen chemische und atmosphärische Einflüsse gewährleistet
- Schutzglas: Serigrafisches klares und gehärtetes Glas 4 mm
- LED Module: CRI>70, CCT 4000K
- Erwartete Lebensdauer: 157.000h L80 B10 @ta25, 133.000h L80 B10 @ta50
- Linse: 2x2 Mehrfachcluster in PMMA Anti UV UL94
- Optik: ME3M Verteilung der Straßenbeleuchtung, CYC und AS
- Netzanschluss: 220-240V 50-60Hz mit elektronischem Vorschaltgerät, Überspannungsschutz SPD 6/8kV, standardmäßig wird ein vorverdrahtetes Kabel 2x1,5mm² mitgeliefert
- Schutzart: IP66
- Schutzklasse: II

Auf Anfrage

- DALI / Nachtschaltung / Weitere Lichtfarben 2000 K - 5000 K

- Compact multifunctional LED post-top luminaire with modern and essential design. Suitable for street and city lighting, parking lots, bicycle and pedestrian paths.
- Pole mounting: suitable for Ø 60mm poles, adapter for Ø 76mm available as accessory
- Installation: for installation in vertical or horizontal position, without adapter, rotation range: +15°/-5°.
- Housing made of die-cast aluminum
- Painting: thermosetting polyester powder, previous degreasing and phosphochromating, ensuring extremely high resistance to chemical and atmospheric agents
- Safety glass: serigraphic clear and tempered glass 4 mm
- LED modules: CRI>70, CCT 4000K
- Expected lifetime: 157,000h L80 B10 @ta25, 133,000h L80 B10 @ta50
- Lens: 2x2 multiple clusters in PMMA Anti UV UL94
- Optics: ME3M distribution of street lighting, CYC and AS
- Power supply: 220-240V 50-60Hz with electronic ballast, overvoltage protection SPD 6/8kV, pre-wired cable 2x1,5mm² is supplied as standard
- Degree of protection: IP66
- Protection class: II

On request

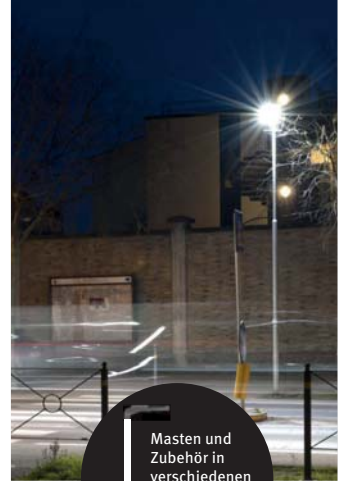
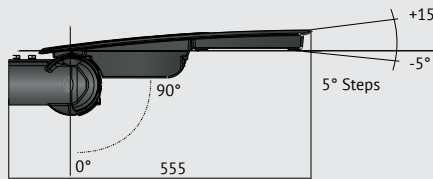
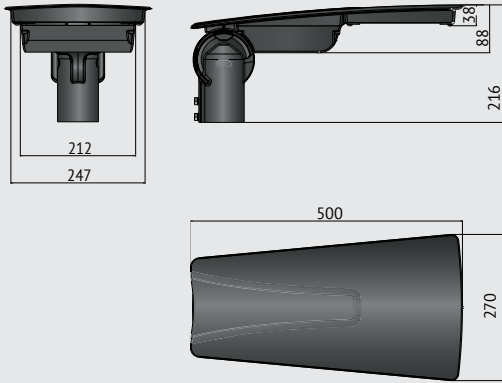
- DALI / Night circuit / Other light colors 2000 K - 5000 K



Zhaga Smart Lighting auf Anfrage
Zhaga Smart Lighting version on request



120lm/W



Masten und Zubehör in verschiedenen Ausführungen auf Anfrage erhältlich

220-240V 50-60Hz / CRI >70 / Überspannungsschutz 6/8kV

△ 140° ST (Street Light Optic)

4000 K	● VEN-24NW6F	25 W	3470 lm
4000 K	● VEN-48NW6F	51 W	6935 lm
4000 K	● VEN-72NW6F	76 W	10408 lm

△ 140° CYC (Für Rad- und Fußgängerwege)

4000 K	● VEN-24NW6	25 W	3520 lm
4000 K	● VEN-48NW6	51 W	7035 lm
4000 K	● VEN-72NW6	76 W	10555 lm

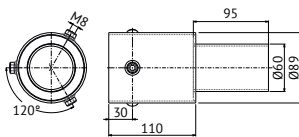
△ 140° Asymmetrisch

4000 K	● VEN-24NW6A	25 W	3075 lm
4000 K	● VEN-48NW6A	51 W	6150 lm
4000 K	● VEN-72NW6A	76 W	9225 lm

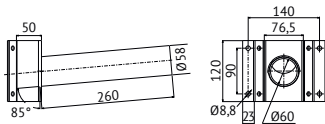
Zubehör | Accessories



Adapter
Adapter
Für | For Ø76 mm
● Z-ASKY7606



Wandhalterung
Wall bracket
Für | For Ø60 mm
● Z-ASKY6006



Kabel*
Cable*



L5.000 mm, 2x1,5 mm²
Z-CLKABEL2X1,5-5M
L10.000 mm, 2x1,5 mm²
Z-CLKABEL2X1,5-10M

*Bei Bestellung an Leuchte vormontiert
*Mounted on luminaire when ordered

Ausführung Zhaga Smart Lighting auf Anfrage
Zhaga Smart Lighting version on request



Mechanische Vorbereitung
Mechanical preparation



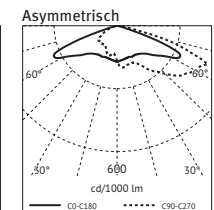
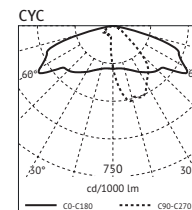
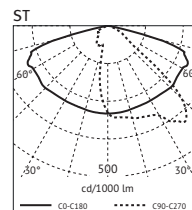
Vorkabelt, DALI Netzteil bereit für Smart Lighting
Pre-wired, DALI power supply ready for Smart Lighting



COB LED



● Anthrazit RAL 7039





- Funktionelle LED Mastaufsatzleuchte mit linearem Design, hocheffizienten LED-Modulen, konzipiert für Straßen- und Alleenbeleuchtung, Parkplätze, Boulevards, Rad- und Fußgängerwege
- Gehäuse aus Aluminium-Druckguss
- Mastmontage: geeignet für Ø 60mm Masten, Adapter für Ø 76mm als Zubehör erhältlich
- Lackierung: wärmehärtendes Polyesterpulver, vorherige Entfettung und Phosphochromatierung, die eine extrem hohe Beständigkeit gegen chemische und atmosphärische Einflüsse gewährleistet
- Schutzglas: extra klar, gehärtet 4 mm
- LED Module: CRI>80, CCT 4000K
- Erwartete Lebensdauer: 80.000h L80 B10 @ta25, 50.000h L80 B10 @ta45
- Linse: Mehrfachcluster in PMMA Anti UV UL94 Straßenlinse und asymmetrischer Scheitelpunkt bei 30°
- Netzanschluss: 220-240V 50-60Hz mit elektronischem Vorschaltgerät, Überspannungsschutz SPD 6/8kV
- GORE® Protective Vents system: Lieferung als Standard
- Schutzart: IP66
- Schutzklasse: II

Auf Anfrage

- DALI / Nachtschaltung / Weitere Lichtfarben 2000 K - 5000 K

- Functional LED post-top luminaire with linear design, high-efficiency LED modules, designed for street and avenue lighting, parking lots, boulevards, bicycle and pedestrian paths.
- Die-cast aluminum housing
- Pole mounting: suitable for Ø 60mm poles, adapter for Ø 76mm available as accessory
- Painting: thermosetting polyester powder, previous degreasing and phosphochromating, which ensures extremely high resistance to chemical and atmospheric agents
- Safety glass: extra clear, tempered 4 mm
- LED modules: CRI>80, CCT 4000K
- Expected lifetime: 80,000h L80 B10 @ta25, 50,000h L80 B10 @ta45
- Lens: Multiple cluster in PMMA Anti UV UL94 street lens and asymmetric vertex at 30°
- Mains supply: 220-240V 50-60Hz with electronic ballast, overvoltage protection SPD 6/8kV
- GORE® Protective Vents system: supplied as standard
- Degree of protection: IP66
- Protection class: II

On request

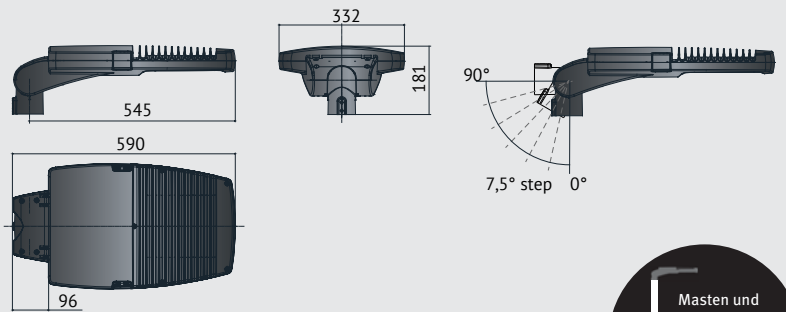
- DALI / Night circuit / Other light colors 2000 K - 5000 K



120lm/W



Schnellverschluss für einfache Wartung
Quick release for easy maintenance



Masten und Zubehör in verschiedenen Ausführungen auf Anfrage erhältlich

220-240V 50-60Hz / CRI >80 / IK08 / Überspannungsschutz 6/8kV

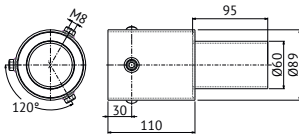
△ 140° ST (Street Light Optic)

4000 K	● SKY-35NW6F	36 W	4475 lm
4000 K	● SKY-70NW6F	72 W	8950 lm
4000 K	● SKY-105NW6F	107 W	13425 lm
4000 K	● SKY-140NW6F	143 W	17900 lm

Zubehör | Accessories



Adapter
Adapter
Für | For Ø76 mm
● Z-ASKY7606



Kabel*
Cable*

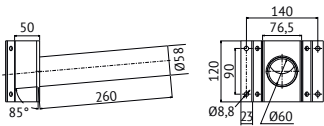


L5.000 mm, 2x1,5 mm²
Z-CLKABEL2X1,5-5M
L10.000 mm, 2x1,5 mm²
Z-CLKABEL2X1,5-10M

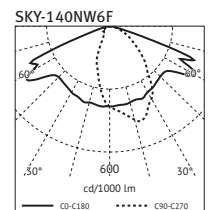
*Bei Bestellung an Leuchte vormontiert
*Mounted on luminaire when ordered



Wandhalterung
Wall bracket
Für | For Ø60 mm
● Z-ASKY6006



IP66 IK08 CE 17
● Anthrazit RAL 7039





- Insektenfreundliche LED Mastaufsatzleuchte mit 1800K, konzipiert für städtische Straßen und Wege sowie für Straßen in Wohnbereichen
- Mastmontage: geeignet für Ø 76mm Masten, schwenkbar bis 15°
- Gehäuse aus Aluminium-Druckguss, pulverbeschichtet
- Extra klares, gehärtetes Flachglas
- LED Module: OSRAM Keramik COB mit Silikon Linse, CRI>70, CCT 1800K
- CLO (constant light output)
- LEDIL Optik
- Nachtdimmung
- Erwartete Lebensdauer: 100.000h L90B10
- Netzanschluss: 230-240V 50-60Hz mit elektronischem Vorschaltgerät, Überspannungsschutz 10kV
- -40 bis +35C
- Inkl. 5m Kabel
- ENEC
- Schutzart: IP66
- Schutzklasse: I

Auf Anfrage

- DALI
- Zhaga Smart Lighting
- 86W, 105W, 136W, 170W, 204W, 240W in größerem Gehäuse
- 3000 K und 4000 K mit höheren Lumen
- Andere Kabellängen
- RAL 7035
- Zopfmaß 40-60 mm

- Insect-friendly LED post-top luminaire with 1800K, designed for urban streets and roads and residential streets
- Pole mounting: suitable for Ø 76mm poles, pivotable up to 15°
- Die-cast aluminum housing, powder coated
- Extra clear, tempered flat glass
- LED modules: OSRAM ceramic COB with silicone lens, CRI>70, CCT 1800K
- CLO (constant light output)
- LEDIL optics
- Night dimming
- Expected lifetime: 100.000h L90B10
- Mains supply: 230-240V 50-60Hz with electronic ballast, overvoltage protection 10kV
- -40 to +35C
- Incl. 5m cable
- ENEC
- Degree of protection: IP66
- Protection class: I

On request

- DALI
- Zhaga Smart Lighting
- 86W, 105W, 136W, 170W, 204W, 240W in bigger housing
- 3000 K und 4000 K with higher lumen
- Other cable length
- RAL 7035
- Post top size 40-60 mm

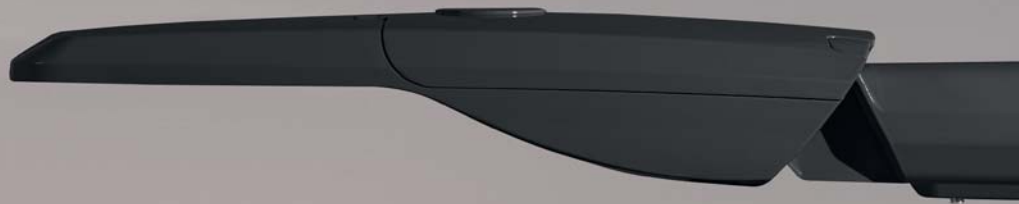
1800 K

Maximale Umweltverträglichkeit

Je höher die Farbtemperatur einer hellen Lichtquelle, desto höher die Blauanteile im abgestrahlten Spektrum. Und je höher die Blauanteile, desto stärker die Anziehungskraft auf Insekten (Insektensterben) und schlechter der Schlaf tagaktiver Lebewesen (u. a. bei Menschen).

Maximum environmental impact

The higher the color temperature of a bright light source, the higher the blue components in the emitted spectrum. And the higher the blue components, the stronger the attraction to insects (insect mortality) and the worse the sleep of day-active creatures (including humans).



TAK
LED Straßen- und Wegeleuchte | LED street light
230-240V 50-60Hz / CRI >70 / IK09 / Überspannungsschutz | Surge protection 10kV

NB2
Straßen der M-Klasse
M-Class roads

∧ 140° NB2

1800 K	● TAK-18SWW6-NB2	18W	1544 lm
1800 K	● TAK-36SWW6-NB2	36W	3131 lm
1800 K	● TAK-54SWW6-NB2	54W	4633 lm
1800 K	● TAK-80SWW6-NB2	80W	7096 lm

NB3
Straßen der M-Klasse, deren Breite geringer als die Masthöhe ist
M-class roads, whose width is less than the height of the mast

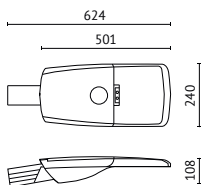
∧ 140° NB3

1800 K	● TAK-18SWW6-NB3	18W	1575 lm
1800 K	● TAK-54SWW6-NB3	54W	4724 lm

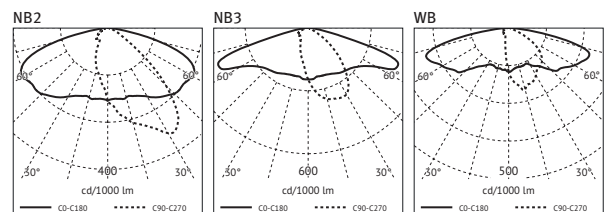
WB
Großfläche gleichmäßige Beleuchtung
Large surface uniform lighting

∧ 160° WB (Breitstrahlend | Wide beam)

1800 K	● TAK-18SWW6-WB	18W	1409 lm
1800 K	● TAK-36SWW6-WB	36W	2856 lm
1800 K	● TAK-54SWW6-WB	54W	4226 lm
1800 K	● TAK-80SWW6-WB	80W	6473 lm



● Anthrazit | Anthracite



MIRON



- LED Wand- und Mastleuchte
- 2 verschiedene Größen
- Gehäuse aus Aluminium-Druckguss
- Erhältlich in den Farben weiß, anthrazit, aluminiumgrau
- Schutzart: IP65
- Schutzklasse: I
- Integriertes elektronisches Versorgungsteil
- Schwenkbar +90°/-20°

Auf Anfrage

- Gehäusefarbe Ibiza Sand
- Farbe corten
- 2700 K

- LED wall and pole mounted luminaire
- 2 sizes
- Body of die-cast aluminium
- Housing colors white, anthracite, aluminium grey
- Protection Rating: IP65
- Protection Class: I
- Built-in electronic power supply
- Swiveling +90°/-20°

On request

- Housing color Ibiza sand
- Corten color
- 2700 K

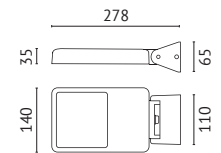


Zubehör für Mastmontage siehe Folgeseite
Accessories for pole mounting see following page

MIRON 16
LED Wandleuchte | LED wall mounted luminaire
220-240V / CRI >80

Beam angle	Power	4000 K	3000 K
30°	19 W	MIR-18NW1S ● MIR-18NW6S ● MIR-18NW7S 2327 lm	MIR-18WW1S ● MIR-18WW6S ● MIR-18WW7S 2216 lm
65°	19 W	MIR-18NW1 ● MIR-18NW6 ● MIR-18NW7 2361 lm	MIR-18WW1 ● MIR-18WW6 ● MIR-18WW7 2249 lm

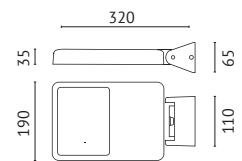
Beam angle	Power	4000 K	3000 K
Asymmetrisch	19 W	MIR-18NW1A ● MIR-18NW6A ● MIR-18NW7A 2274 lm	MIR-18WW1A ● MIR-18WW6A ● MIR-18WW7A 2165 lm
120° Street light	19 W	MIRF-18NW1 ● MIRF-18NW6 ● MIRF-18NW7 1871 lm	MIRF-18WW1 ● MIRF-18WW6 ● MIRF-18WW7 1777 lm



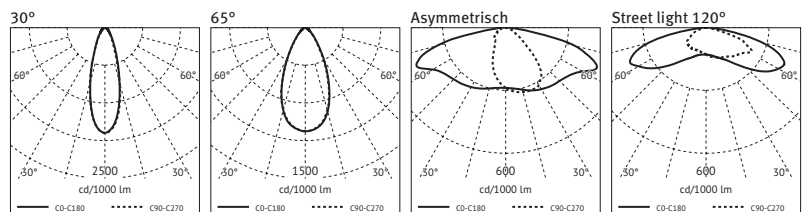
MIRON 24
LED Wandleuchte | LED wall mounted luminaire
220-240V / CRI >80

Beam angle	Power	4000 K	3000 K
30°	39 W	MIRMA-40NW1S ● MIRMA-40NW6S ● MIRMA-40NW7S 4985 lm	MIRMA-40WW1S ● MIRMA-40WW6S ● MIRMA-40WW7S 4736 lm
65°	39 W	MIRMA-40NW1 ● MIRMA-40NW6 ● MIRMA-40NW7 5059 lm	MIRMA-40WW1 ● MIRMA-40WW6 ● MIRMA-40WW7 4806 lm

Beam angle	Power	4000 K	3000 K
Asymmetrisch	39 W	MIRMA-40NW1A ● MIRMA-40NW6A ● MIRMA-40NW7A 4559 lm	MIRMA-40WW1A ● MIRMA-40WW6A ● MIRMA-40WW7A 4331 lm
120° Street light	39 W	MIRMAF-40NW1 ● MIRMAF-40NW6 ● MIRMAF-40NW7 3741 lm	MIRMAF-40WW1 ● MIRMAF-40WW6 ● MIRMAF-40WW7 3554 lm

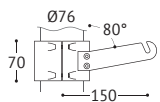


○ Weiß | White ● Anthrazit | Anthracite ● Aluminiumgrau | Aluminium grey



MIRON

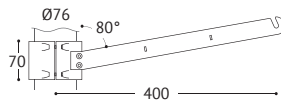
Zubehör | Accessories



Einfache Halterung | Single bracket

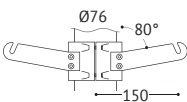
- **A-MEK7606**
- **A-MEK7607**

L150mm, 80°, Ø 76mm



- **A-MEL7606**
- **A-MEL7607**

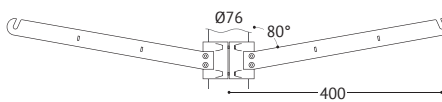
L400mm, 80°, Ø 76mm



Doppelte Halterung | Double bracket

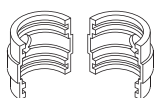
- **A-MDK7606**
- **A-MDK7607**

L150mm, 80°, Ø 76mm



- **A-MDL7606**
- **A-MDL7607**

L400mm, 80°, Ø 76mm



Adapter für Mastmontage
Adapter for pole mounting

- **Z-MIR**

Ø 60mm

- Anthrazit | Anthracite
- Aluminiumgrau | Aluminium grey



MUSH



- Mastleuchte
- Gehäuse aus Aluminium
- Farbe: Anthrazit
- Schutzdiffusor aus transparentem Polycarbonat
- Schutzklasse: II
- Mit integriertem Treiber

Auf Anfrage

- DALI
- Farbe aluminiumgrau



- Polelight
- Housing made of aluminum
- Colour: Anthracite
- Protective diffuser made of transparent polycarbonate
- Protection Class: II
- With built-in driver

On request

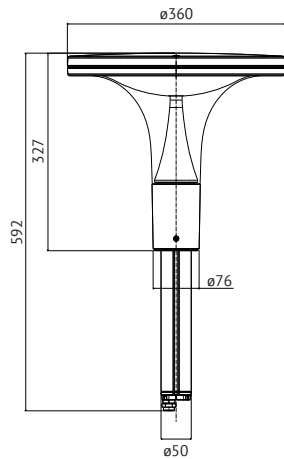
- DALI
- Aluminium grey color



MUSH
LED Leuchtenkopf | LED Pole top
220-240 V / CRI > 80

Ø 360 x H 327 mm	29 W
4000 K ● MUSH-29NW6	2420 lm
3000 K ● MUSH-29WW6	2420 lm
Ø 360 x H 327 mm	43 W
4000 K ● MUSH-43NW6	3658 lm
3000 K ● MUSH-43WW6	3658 lm

- Kann durch überlappende Montage auch auf Standardmasten mit Ø 60 mm montiert werden.
- Can be mounted through overlapping installation also on standard Ø 60 mm poles.

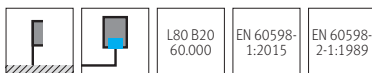
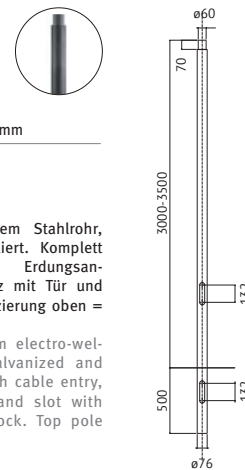


Mast | Pole
Ø 60 - 76 mm

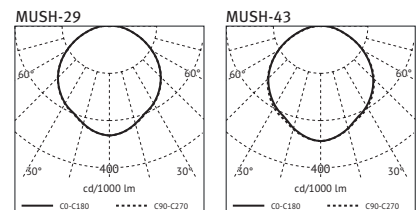
H3500 mm
Sichtbar | Visible H3000 mm

● **PROTOF-30006**

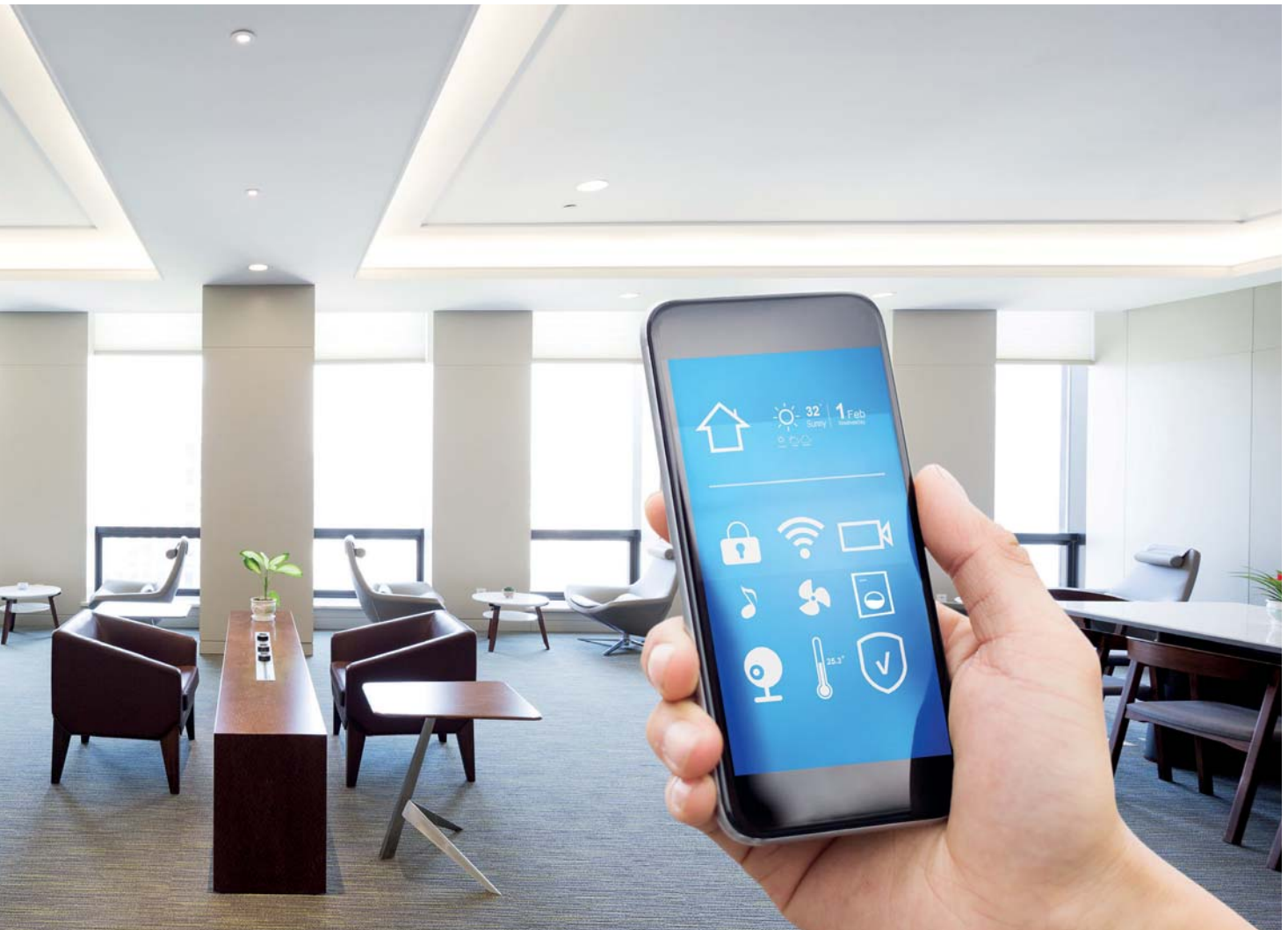
Aus elektrogeschweißtem Stahlrohr, feuerverzinkt und lackiert. Komplett mit Kabeleinführung, Erdungsanschluss und Steckplatz mit Tür und Klemmleiste. Mastreduzierung oben = Ø60 mm.
In steel obtained from electro-welded tube, hot-dip galvanized and painted. Complete with cable entry, earthing connection and slot with door and terminal block. Top pole reduction Ø60 mm.



● Anthrazit | Anthracite

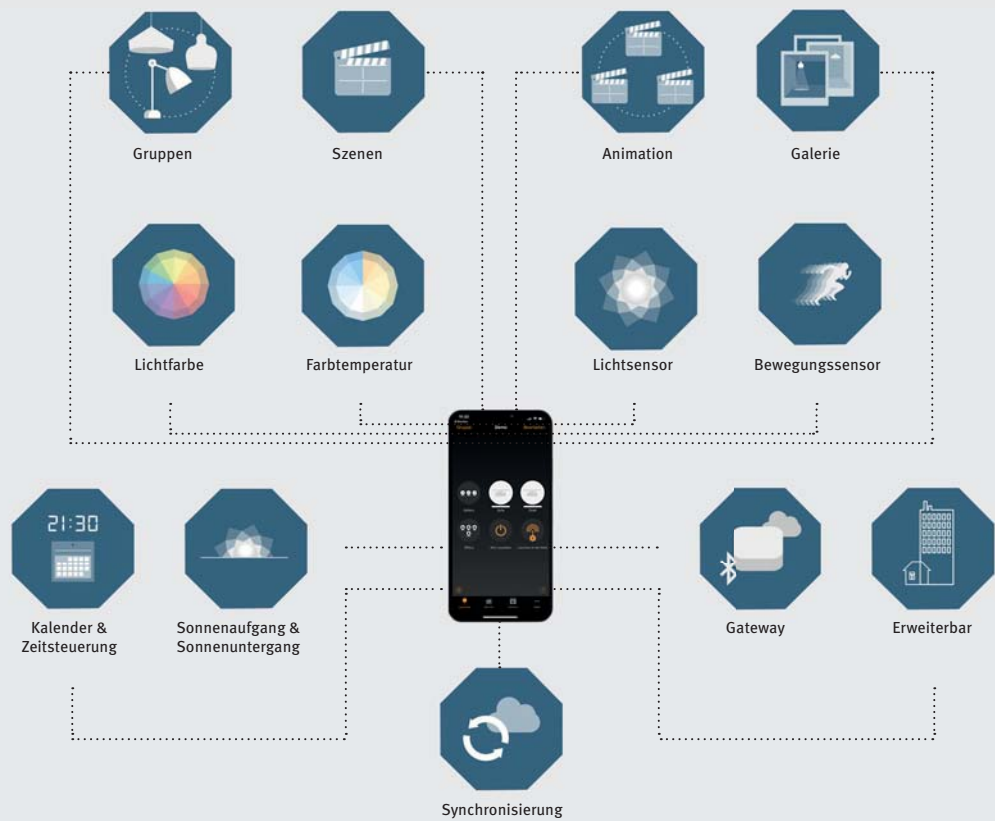


Lichtsteuerung | Light control



- Individuelle Lichtsteuerung per Tablet, Smartphone oder Smartwatch (Apple, Android) über Bluetooth (bis zu 250 Leuchten in einem Netzwerk)
- Funkreichweite 30-50 m (Freifeld)
- Kostenlose App von CASAMBI:
 - Regeln der Helligkeit und Lichtfarbe
 - Konfigurieren von Leuchten und Leuchten-Netzwerken
 - Erstellen von Szenen und Animationen (Farbverläufe)
 - Neue Geräte werden automatisch erkannt
 - Intelligente Timer- und Galeriefunktionen
 - Freigabeoptionen festlegen
- Gateway wird nicht benötigt, Einrichtung aber möglich
- Integrierte Antenne
- Auch über Wandschalter steuerbar
- Apple Watch kompatibel

- Easily operated Dimmer to control lamps with tablet, smartphone or smart-watch (Apple, Android) via Bluetooth (up to 250 luminaires in one network)
- Radio range 30-50 m (free field)
- Free App from CASAMBI:
 - Lighting control (color / dim level)
 - Configuration of luminaires and luminaires networks
 - Creation of scenes and animations (color gradient)
 - Automatic detection of new devices
 - Intelligent timer and gallery function
 - Protection settings of your luminaires network
- You can setup a gateway but it is not necessary
- Integrated antenna
- Also controllable via wall switch
- Apple Watch compatible



Funktionen | Features

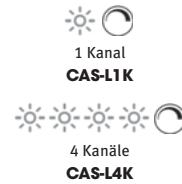
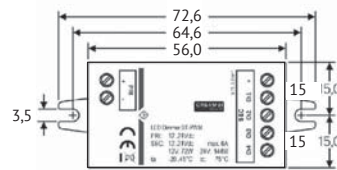
CASAMBI

Zur Maximierung von Komfort und Kosteneffizienz.
Die einfache Lichtsteuerung ohne Kabel und ohne Gateway.
Einfach bequem über Bluetooth.

To maximize comfort and cost efficiency.
The simple light control without cables and without gateway.
Just convenient via Bluetooth.

Lichtsteuerung | Light control

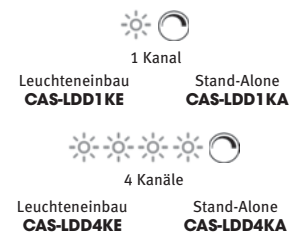
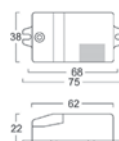
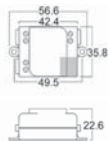
Bis zu 4 Einzelkanäle



- Versorgungseingang: 12..24 Vdc
- Signaleingang: Bluetooth 4.0 lite @ Smart-Geräte
- Funksignal: 2,4..2,483 GHz; 4 dBm
- Maximale Ausgangsleistung: 12V: 72W 24V: 144W
- Smart Dimming
- Abmessungen: L73xB30xH18 mm

- Power supply input: 12..24 Vdc
- Signal input: Bluetooth 4.0 lite @ smart devices
- Radio signal: 2,4..2,483 GHz; 4 dBm
- Max. power output: 12V: 72W 24V: 144W
- Smart Dimming
- Dimension: L73xB30xH18 mm

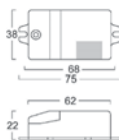
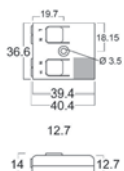
DALI bis zu 4 Einzelkanäle



- Versorgungseingang: 220..240V; 50 Hz
- Signaleingang: Bluetooth 4.0 lite @ Smart-Geräte
- Funksignal: 2,4..2,483 GHz; 4 dBm
- Signalausgang: DALI; max. 7 mA; SELV; kurzschlussgeschützt
- Smart Dimming
- Abmessungen
- Einbau: L56,6xB35,8xH22 mm
- Stand alone: L75xB38xH22 mm

- Power supply input: 220..240V; 50 Hz
- Signal input: Bluetooth 4.0 lite @ smart devices
- Radio signal: 2,4..2,483 GHz; 4 dBm
- Signal output: DALI; max. 7 mA; SELV; short circuit protected
- Smart Dimming
- Dimension:
- Built in: L56,6xB35,8xH22 mm
- Stand alone: L75xB38xH22 mm

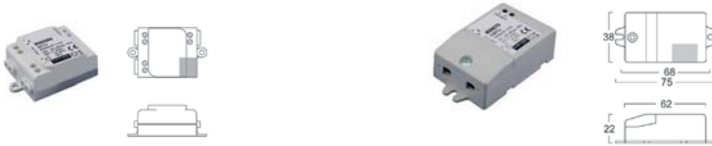
Dimmer 230V



- Versorgungseingang: 85..240V; 50..60 Hz
- Signaleingang: Bluetooth 4.0 lite @ Smart-Geräte
- Funksignal: 2,4..2,483 GHz; 4 dBm
- Smart Dimming
- Einschaltstrom: Max. 4.0 A
- Abmessungen
- Einbau: L40,4xB36,3xH14 mm
- Stand alone: L75xB38xH22 mm

- Power supply input: 85..240V; 50..60 Hz
- Signal input: Bluetooth 4.0 lite @ smart devices
- Radio signal: 2,4..2,483 GHz; 4 dBm
- Smart Dimming
- Inrush current: Max. 4.0 A
- Dimension:
- Built in: L40,4xB36,3xH14 mm
- Stand alone: L75xB38xH22 mm

1-10V

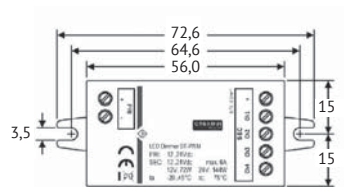


Leuchteinbau
CAS-LDIME
Stand-Alone
CAS-LDIMA

- Versorgungseingang: 220..240V; 50 Hz
- Signaleingang: Bluetooth 4.0 lite @ Smart-Geräte
- Funksignal: 2,4..2,483 GHz; 4 dBm
- Signalausgang: 1-10V, max. 7 mA; SELV; kurzschlussgeschützt
- Smart Dimming
- Abmessungen
- Einbau: L56,6xB35,8xH22 mm
- Stand alone: L75xB38xH22 mm

- Power supply input: 220..240V; 50 Hz
- Signal input: Bluetooth 4.0 lite @ smart devices
- Radio signal: 2,4..2,483 GHz; 4 dBm
- Signal output: 1-10V, max. 7 mA; SELV; short circuit protection
- Smart Dimming
- Dimension:
- Built in: L56,6xB35,8xH22 mm
- Stand alone: L75xB38xH22 mm

Bis zu 4 Farbkanäle

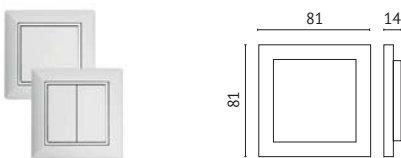


Tunable White
CAS-LCCT
RGB
CAS-LRGB
RGB-W
CAS-LRGBW

- Versorgungseingang: 12..24 Vdc
- Signaleingang: Bluetooth 4.0 lite @ Smart-Geräte
- Funksignal: 2,4..2,483 GHz; 4 dBm
- Maximale Ausgangsleistung: 12V: 72W, 24V: 144W
- Smart Dimming
- Abmessungen: L73xB30xH18 mm

- Power supply input: 12..24 Vdc
- Signal input: Bluetooth 4.0 lite @ smart devices
- Radio signal: 2,4..2,483 GHz; 4 dBm
- Max. output power 12V: 72W, 24V: 144W
- Smart Dimming
- Dimension L73xB30xH18 mm

Batterieloser Bluetooth Wandschalter



2 Taster
CAS-WS2

4 Taster
CAS-WS4

- Funksignal: 2,4..2,483 GHz, Bluetooth Low Energy (BLE)
- Kanäle
- CAS-WS2 = 2 | CAS-WS4 = 4
- Reichweite: Bis zu 10m in einem Raum
- Abmessungen: L81xB81xH14 mm

- Radio signal 2,4..2,483 GHz, Bluetooth Low Energy (BLE)
- Channels
- CAS-WS2 = 2 | CAS-WS4 = 4
- Range: Up to 10 meters in the same room
- Dimension L81xB81xH14 mm

Konstantstromnetzteile | Constant current power supplies

4 W	6 W	10 W
TRL-4W350U IP20	TRL-6W350H IP20	TRL-10W350MA IP20
100 ... 240V AC / 50 ... 60Hz 176 ... 264V DC • Pout 4W • Iout 350mA • Uout 2-11,5V (max. 13V)	100 ... 240V AC / 50 ... 60Hz 176 ... 275V DC • Pout 6/8W • Iout 350mA • Uout 24V	110 ... 240V AC / 50 ... 60Hz 170 ... 280V DC • Pout 10W • Iout 350mA • Uout 33V (max. 36V) • Vout DC 2-30V
• Notstromfähig Emergency power capable • Nicht dimmbar Not dimmable • Ripple free (max. 3%) Ripple free (max. 3%) • Mit Zugentlastung With strain relief • Mit Berührungsschutz Protection against contact		

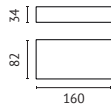
10 W	10 W	10 W
LC-10W350SR IP20	LC-10W500SR IP20	LC-10W700MA-FIXC-SR-SNC IP20
220 - 240V AC / 50 / 60Hz • Pout 10W • Iout 350mA • Uout 20,0 - 28,5V (max. 42V)	220 - 240V AC / 50 / 60Hz • Pout 10W • Iout 500mA • Uout 14 - 20V (max. 35V)	220 - 240V AC / 50 / 60Hz • Pout 10W • Iout 700mA • Uout 14 - 20V (max. 35V)
• Nicht dimmbar Not dimmable • Mit Zugentlastung With strain relief • Mit Berührungsschutz Protection against contact		

15 W	20 W	30 W
TRL-15W350P IP20	TRL-20W700-FLEXC SR ADV IP20	TRL-30W700 IP20
220 - 240V AC / 50 / 60Hz • Pout 15W • Iout 350mA • Uout 32 - 42V (max. 60V)	220 - 240V AC / 50 / 60Hz • Pout 17,5W • Pout 20W • Pout 20W • Iout 350mA • Iout 500mA • Iout 700mA • Uout 25 - 50V • Uout 20 - 40V • Uout 14V - 28,5V	220 - 240V AC / 50 / 60Hz • Pout 30W • Iout 700mA • Uout 32 - 42V (max. 60V)
• Nicht dimmbar Not dimmable • Mit Zugentlastung With strain relief • Mit Berührungsschutz Protection against contact		

35 W

LC-35W700/800/1050MA-FLEXC-SR

IP20



100 ... 240V AC / 50 ... 60Hz

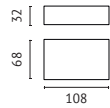
- Pout 35W
 - Iout 700mA
 - Uout 25 - 50V
 - Pout 35W
 - Iout 800mA
 - Uout 22 - 44V
 - Pout 35W
 - Iout 1050mA
 - Uout 16,5 - 33,5V
- Einstellbar über Widerstand | Adjustable by resistance

• Nicht dimmbar | Not dimmable • Mit Zugentlastung | With strain relief • Mit Berührschutz | Protection against contact

44 W

TRL-44W1050

IP20



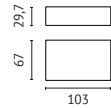
220 - 240V AC / 50 / 60Hz

- Pout 44 W
- Iout 1050 mA
- Uout 32 - 42V (max. 60V)

45 W

LC-45W1050

IP20



220 - 240V AC / 50 / 60Hz

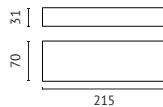
- Pout 31,5 - 45 W
- Iout 1050 mA
- Uout 54V (max. 43V)

• Nicht dimmbar | Not dimmable

45 W

LC-45W500-1400MA-FLEXC-SR-EXC

IP20



Rated Voltage 220 - 240V AC/0/50/60 Hz
DC 176 - 280V

- Pout 51,5W
- Iout 1400mA
- Uout 20 - 32,1 V (max. 60V)
- Nicht dimmbar | Not dimmable
- Mit Durchgangsverdrahtungsfunktion
With through-wiring function
- Mit Zugentlastung | With strain relief
- Mit Berührschutz | Protection against contact



Dimmbare Konstantstromnetzteile siehe Folgeseite
Dimmable constant current power supplies see following page

Konstantspannungsnetzteile 24V

Constant voltage power supplies 24V

Dimmbar siehe Folgeseite
Dimmable see following page

13 W	20 W	20 W
TRL-13W24SL IP20 220 ... 240V AC / 50 ... 60Hz 176 ... 264V DC • Pout 13W • Uout 24V • Iout max. 0,54A	TRL-20W24 IP20 220 - 240V AC / 50 ... 60Hz 176 - 264V DC • Pout 20W • Uout 24V • Iout max. 830mA	TRL-20W24D IP20 220 - 240V AC / 50 ... 60Hz 176 - 264V DC • Pout 20W • Uout 24V • Iout max. 830mA
• Nicht dimmbar Not dimmable • Notstromfähig Emergency power capable • Ripple free (max. 3%) Ripple free (max. 3%) • Mit Zugentlastung With strain relief		• Dimmbar über 1-10V Dimmable via 1-10V • Mit Berührungsschutz Protection against contact
30 W	35 W	50 W
TRL-30W24CG IP20 220 - 240V AC / 50 - 60Hz 175 - 280V DC • Pout 30W • Uout 24V • Iout max. 0 - 1250mA	TRLC-35W24* IP20 220 - 240V AC / 50 ... 60Hz • Pout 35W • Uout 24V • Iout max. 1,4A	TRLN-50W24 IP20 220 - 240V AC / 50 ... 60Hz 176 - 264V DC • Pout 50W • Uout 24V DC • Iout max. 2A
• Einschaltstrom beachten Note inrush current • Notstromfähig Emergency power capable • Nicht dimmbar Not dimmable • Mit Zugentlastung With strain relief		• Ripple free (max. 3%) Ripple free (max. 3%) • Mit Berührungsschutz Protection against contact
60 W	70 W	100 W
TRLC-60W24* IP20 220 - 240V AC / 50 - 60Hz • Pout 60W • Uout 24V • Iout max. 0 - 2500mA	TRLN-70W24 IP20 220 - 240V AC / 50 ... 60Hz 176 - 264V DC • Pout 70W • Uout 24V DC • Iout max. 2,9A	LC-100W24VSC-SNC IP20 Rated Voltage 198... 264V / 50 / 60Hz AC Range 0 ... 320V AC • Pout 100W • Uout 24V • Iout max. 0 - 4167mA • Uout max. 25 V
• Ripple free (max. 3%) Ripple free (max. 3%) • Nicht dimmbar Not dimmable • Mit Zugentlastung With strain relief • Mit Berührungsschutz Protection against contact		• Einschaltstrom beachten Note inrush current • Notstromfähig Emergency power capable
150 W	200 W	250 W
TRLN-150W24 IP20 220 - 240V AC / 50 ... 60Hz • Pout 150W • Uout max. 24V DC • Iout 6,25A	TRLC-200W24* IP20 220 - 240V / 50 / 60Hz • Pout 200W • Uout 24V • Iout max. 8,3A	TRL-250W24CG IP20 Rated Voltage 220... 240V / 50 / 60Hz DC Range 175 ... 280V AC • Pout 250W • Iout max. 0 - 10420mA • Uout 24V
• Einschaltstrom beachten Note inrush current • Ripple free (max. 3%) Ripple free (max. 3%) • Nicht dimmbar Not dimmable • Mit Zugentlastung With strain relief • Mit Berührungsschutz Protection against contact		







*Dimmbar mittels an der Ausgangsseite angeschlossenem externen PWM LED-Dimmer. Siehe Konstantspannungsdimmer für 12 V und 24V, Seite 354
Dimmable via external PWM LED dimmers attached on output site. See constant voltage dimmer for 12 V und 24V, page 354


Konstantspannungsnetzteile 12V

Constant voltage power supplies 12V

10 W

TRMR-010

IP20      



29,5

51







101,5


220 - 240V AC / 50 / 60Hz

- Pout 10W
- Iout max. 830mA
- Uout nom. 12V
- Uout 11 - 15V (max. 15V)

70 W

TRMR-070

IP20      



21

34

117

230 - 240V AC / 50 ... 60Hz

- Pout min. 2,5 - max. 70W Halogen
- Pout min. 2,5 - max. 50W LED
- max. 4/5 LED luminaires
- Uout nom. 12V

• Dimmbar mit Phasen- und Phasenabschnittsdimmer | Dimmable via leading-edge and trailing-edge
 • Mit Zugentlastung | With strain relief • Mit Berührungsschutz | Protection against contact

Konstantspannungsdimmer | Constant voltage dimmer

12V-24V | 12V-24V + 48V

120 W

TRL-OTDIM

IP20      



20

42

172

• Pout 120W

• Uout 10,5 - 24V

• Uin 10,5 - 24V

• Dimmbar über 1-10V | Dimmable via 1 - 10V

240 W

TRL-OTDALI12-48V240W

IP20       



20

42

181

• Pout 240W

• Uout 12 - 48V

• Uin 12 - 48V

• Dimmbar über DALI2 | Dimmable via DALI2

TRL-OTDALI12-48V240W
Funktionen | Features

- Dimmbar über DALI2 | Dimmable via DALI2
- Touch DIM | Touch DIM
- Touch DIM 2 Kanäle | Touch DIM 2 channels
- Korridorfunktion | Corridor Function
- Tunable White | Tunable White
- SDT Safe Dimming Technology
- 1-4 Kanal Ausgang mit DALI-2 Zertifikat
- 1-4 channel output with DALI-2 certification
- DT6 und DT8 Auswahl der Anwendungen durch DIP Schalter (siehe Datenblatt)
- DT6 and DT8 operations through DIP switch selection (see datasheet)

• Mit Zugentlastung | With strain relief • Mit Berührungsschutz | Protection against contact

Konstantspannungsnetzteile IP 24V

Constant voltage power supplies IP 24V



70 W

TRL-70W24IP

IP67      



51

65,5

268

220 - 240V AC / 50 ... 60Hz 176 - 264V DC

- Pout 70W
- Uout 24V
- Iout max. 2,9A

150 W

TRL-150W24IP

IP67      



51

65

268

220 - 240V AC / 50 ... 60Hz 176 - 264V DC

- Pout 150W
- Uout 24V
- Iout max. 6,25A

25 W

Z-VTQUAN25W24VIP



32

300

300

40

148

25W / 24V / IP67
Für Quantum 5430, Passum 1422, Clock120 RGBW und SQUEEZE

• Notstromfähig | Emergency power capable • Nicht dimmbar | Not dimmable • Ripple free (max. 3%) | Ripple free (max. 3%)
 • Mit Zugentlastung | With strain relief • Mit Berührungsschutz | Protection against contact

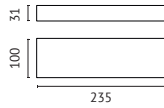
Konstantspannungsnetzteile 48V

Constant voltage power supplies 48V

75 W

TRL-LCU75W48V

IP20 SELV



220 - 240V AC / 50 / 60Hz

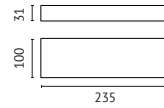
176 - 280V DC

- Pout 75W
- Iout max. 1,5A
- Uout 48V

150 W

TRL-LCU150W48V

IP20 SELV



220 - 240V AC / 50 / 60Hz

176 - 280V DC

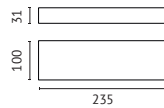
- Pout 150W
- Iout max. 3,1A
- Uout 48V

• Notstromfähig | Emergency power capable • Mit Zugentlastung | With strain relief • Mit Berührschutz | Protection against contact

75 W

TRL-LCU75W48VDD

IP20 SELV



220 - 240V AC / 50 / 60Hz

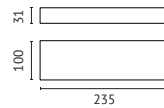
176 - 280V DC

- Pout 75W
- Uout 48V

150 W

TRL-LCU150W48VDD

IP20 SELV



220 - 240V AC / 50 / 60Hz






















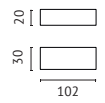



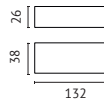
176 - 280V DC


















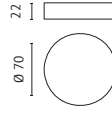
- Pout 150W
- Uout 48V

• Dimmbar über DALI und Push Funktion | Dimmable via DALI and push function

• Notstromfähig | Emergency power capable • Mit Zugentlastung | With strain relief • Mit Berührschutz | Protection against contact

Transformatoren für Niedervolt-Halogenlampen Transformers for low-voltage halogene bulbs

10-60 W	20-105 W	20-105 W
TRG-060	TRG-105	TRZ-105
IP20          		IP20          
 	 	 
10-60W / prim. 230V~ / sec. 12V / 60VA TA 45°C / TC 85°C	20-105W / prim. 230V~ / sec. 12V / 105VA TA 55°C / TC 95°C	20-105W / prim. 230V~ / sec. 12V / 105VA TA 40°C / TC 70°C
<ul style="list-style-type: none"> • 1x primärer Eingang (1,5 mm²) 1x primary clamp (1,5 mm²) • 1x sekundärer Ausgang (1,5 mm²) 1x secondary clamp (1,5 mm²) 		<ul style="list-style-type: none"> • 2x primärer Eingang (2,5 mm²) 2x primary clamp (2,5 mm²) • 3x sekundärer Ausgang (2,5 mm²) 3x secondary clamp (2,5 mm²)
<ul style="list-style-type: none"> • Dimmbar mit Phasen- und Phasenabschnittsdimmer Dimmable via leading-edge and trailing-edge • Mit Zugentlastung With strain relief • Überlastungsschutz Overload protection 		

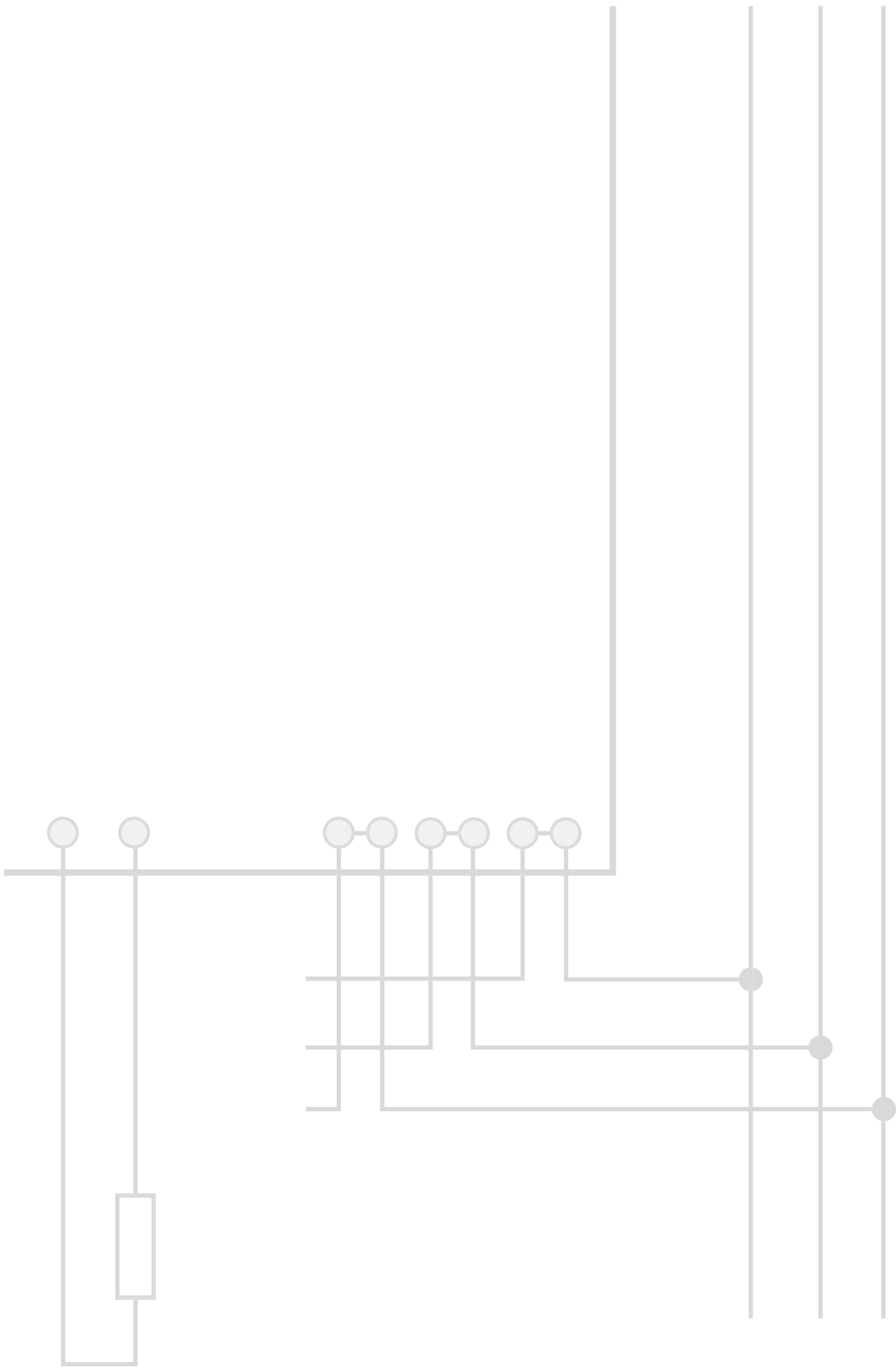
10-50 W	35-105 W
TRR-050	TRR-105
IP20          	IP20          
 	 
10-50W / prim. 230V~ / sec. 12V / 50VA TA 45°C / TC 80°C	35-105W / prim. 230V~ / sec. 12V / 105VA TA 50°C / TC 90°C
<ul style="list-style-type: none"> • Inkl. 0,2 m Anschlussleitungen Incl. assembled feed lines 0,2 m • 1x primärer Eingang (1,5 mm²) 1x primary clamp (1,5 mm²) • 1x sekundärer Ausgang (1,5 mm²) 1x secondary clamp (1,5 mm²) 	
<ul style="list-style-type: none"> • Dimmbar mit Phasen- und Phasenabschnittsdimmer Dimmable via leading-edge and trailing-edge • Überlastungsschutz Overload protection 	

GU10 Umrüstkit von Halogen-Niedervolt auf Hochvolt GU10 kit to convert low-voltage halogene to high voltage


ZHIKIT-CH
IP20   




- 230/ 240V
- HV-Halogenfassung, GU10
High voltage halogen lamp holder GU10
 - Inkl. ca. L160 mm Zuleitung | Power supply cable L160 mm
 - Doppelt isoliert | Double isolated
 - Mit Zugentlastung und Klemme | Incl. strain relief and cable gland




Symbole | Symbols

 Deckenbauleuchte
Ceiling mounted fittings

 Wandbauleuchten
Wall fitting

 Deckeneinbauleuchte
Recessed ceiling fittings


 Direktes Licht, Wandeinbau
Direct light, wall recessed

 Bodeneinbauleuchte
Direct light, ground recessed


 Schienenmontage
Power-track-light

 Wandeffekte
Wall washer


 Pollerleuchten
Bollards

 Weg- und Parkplatzbeleuchtung
Pathways and park luminaires


 Pendelleuchten
Pendant luminaires


 Verstellbare Wandleuchte
Adjustable wall fitting


 Verstellbare Optik, Boden- und Wandeinbau
Adjustable, recessed ground/wall optics

 Schwenkbare Optik ± 15°
± 15° tilting optics

 Schwenkbare Optik ± 25°
± 25° tilting optics

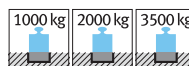
 Eingebauter Treiber
Driver inside


 Remote-Treiber für Serienschaltung
Remote driver for series connection

 Kontakttemperatur an der Scheibe $T \leq 40^\circ\text{C}$
Contact temperature on glass $T \leq 40^\circ\text{C}$

 Begehbar
Walk over

 Befahrbar
Drive over


 1000 kg 2000 kg 3500 kg Max. Belastung
Maximum load:


 Bewegungssensor
Motion sensor


 Intelligente Beleuchtung
Intelligent Lighting


 Notbeleuchtung
Emergency Lighting


 Stoßfester Schirm
Vandalproof diffuser

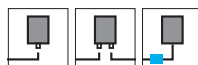
 Schutz gegen Wasserdurchlauf am Anschlusskabel
Protection against water ingress from the cable

 Glühdrahttest IEC 60695-2-10: der Glühdrahttest wird genutzt um den Effekt von Hitzeentwicklung zu simulieren, der beim Nichtfunktionieren der elektrischen Vorrichtung entstehen kann, wie zum Beispiel bei überbelasteten Bauteilen
Glow wire test IEC 60695-2-10: the glow wire test is used to simulate the effect of heat as may arise in malfunctioning electrical equipment, such as with overloaded or allowing components (specified temperature).

 Vollständig abschaltbare Leuchte (keine Lichtverschmutzung)
Full cut-off luminaire (no light pollution)


 Installationshinweis bei Einbauleuchten:
Es ist wichtig eine gleichmäßige Kiesschicht oder Entwässerungssystem vorzusehen um eine gute Drainage sicher zu stellen und um Wasserstau zu vermeiden. Die Leuchte darf nicht in Hohlräumen installiert werden.
Advice on installation of recessed luminaires:
It is important to provide a consistent gravel layer or drain system to ensure good drainage and to avoid water stagnation. The luminaire must not be installed in hollow surfaces.

 Temperatur des Diffusers bezogen CEI EN 60598-2-13
Überprüfen Sie die Temperatur des Diffusers "T max °C" (getestet bei 25°C), um die örtlichen Vorschriften einzuhalten.
Oberflächentemperatur des Glases 70°C für LED Lichtquelle
Diffuser temperature according to CEI EN 60598-2-13
Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation.
Glass surface temperature 70°C for LED source


 Elektrischer Anschluss: Verkabelung durch einen Kabeleingang, zwei Kabeleingänge oder einen externen Transformator.
Electric connection: Wiring through cable input, through two cable inputs or through a feeding transformer installed on remote position (to be ordered separately).

 Leuchte ist mit internem Versorgungsgerät ausgestattet.
Luminaire is equipped with internal transformer.

 Leuchte ist mit einem Kabel und Stecker ausgestattet.
Luminaire is equipped with cable and plug.

 Ausstrahlwinkel
Beam angle

 RGBW

 LED Spezifizierung | Specification
CoB LED
SMD LED

EN 60598-1:2015 Nach der allgemeinen Norm:
According to the general standard:
EN 60598-1:201

EN 60598-2-13:2006+A1:2012 Nach der Norm für Bodeneinbauleuchten:
According to in-ground recessed lighting fittings standard:
EN 60598-2-13:2006+A1:2012

EN 60598-2-22:2014 Nach der Norm für Notleuchten
According to emergency lights standard:
EN 60598-2-22:2014

EN 60598-2-1:1989 Nach der Norm für feste Leuchten:
According to fix lighting installation standard:
EN 60598-2-1:1989





















EN 61439-1:2011 Nach der Norm für Multifunktionsleuchten/Schaltanlagen:
According to power points standard:
EN 61439-1:2011

EN 60598-2-2:2012 Nach der Norm für Einbauleuchten:
According to wall/ceiling recessed lights standard:
EN 60598-2-2:2012

EN 60598-2-4:1997 Nach der Norm für abnehmbare Leuchten:
According to removable lightings standard:
EN 60598-2-4:1997

EN 40-6:2002 Nach der Norm für Weg- und Parkplatzbeleuchtung:
According to urban areas lighting columns standard:
EN 40-6:2002

Prüfzeichen | Test certificates

	Klasse 1 Class I Schutzleiteranschluss (Erdung) Earth wire connection (ground)
	Funktionserde Functional earth
	Klasse 2 Class II Schutzisolierung Special insulation
	Klasse 3 Class III Schutzkleinspannung Low-voltage systems
	dob Steuerung Dob control system
	DMX Sendegerät DMX transmitter
	DMX Empfänger DMX receiver
	Dali fähig Dali compatible
	Dimmbar Dimmable
	CE zertifiziert CE certified
	ENEC zertifiziert ENEC certified
	MM-Zeichen MM-sign Möbeleinb., Entflammbarkeit unbekannt Installation in furniture, unknown inflammability
	Aufputzinstallation Surface mounted installation Mit zusätzlicher Sicherheitsabdeckung With additional insulation
	Funktstörschutz Radio interference debugger Transformator mit Funkstörfilter gem. EN 55015 Transformer with radio interference debugger EN 55015
	Notlichtversion Version for emergency lighting
	Sicherheitskleinspannung Safety Extra Low Voltage
	VDE zertifiziert (Verband deutscher Elektrotechniker) VDE certified (Association of German Elect. Engineers)
	Transformator mit Thermosicherung (110 = Auslösetemperatur) Transformer with thermo-protection (110 = temperature)
	Transformator mit Thermosicherung (120 = Auslösetemperatur) Transformer with thermo-protection (120 = temperature)
	Leuchten mit begrenzter Oberflächentemperatur Luminaires with limited surface temperature

Schutzarten | Protection degrees

IP XY IP erste Ziffer, Schutz gegen das Eindringen von ...
IP first digit, protection against penetration of ...

X = 0 kein Schutz | no protection
X = 1 Fremdkörper > 50 mm | foreign objects > 50 mm
X = 2 Fremdkörper > 12 mm | foreign objects > 12 mm
X = 3 Fremdkörper > 2,5 mm | foreign objects > 2,5 mm
X = 4 Fremdkörper > 1 mm | foreign objects > 1 mm
X = 5 Staub (Staubschutz) | dust (dust protected)
X = 6 Staub (Staubdicht) | dust (complete dust protection)

IP XY IP zweite Ziffer, Schutz gegen das Eindringen von ...
IP second digit, protection against penetration of ...

Y = 0 Kein Schutz | No protection
Y = 1 Tropfwasser | Vertical fall of water drops
Y = 2 Tropfwasser bis 15° | Fall of water drops angle max. 15°
Y = 3 Sprühwasser | Sprinkling water
Y = 4 Spritzwasser | Splashing water
Y = 5 Strahlwasser | Water jets
Y = 6 Schwere See | Waves
Y = 7 Zeitweiliges Eintauchen | Temporary immersion
Y = 8 Andauerndes Untertauchen | Permanently immersion

IKxx Widerstandsfähig gegen äußere mechanische Einflüsse: IK CODE bezieht sich auf die maximalen, äußeren Einflüsse, die auf die Leuchte wirken und gegen die sie fähig ist standzuhalten ohne bleibenden Schaden davonzutragen. In Übereinstimmung mit den EN50102 Normen. Resistance to external mechanical impacts: IK code refers to the maximum external impact the luminaire is capable to withstand, without irreversible damage. In compliance with EN50102 standards.recessed wall and ceiling installation, suspended fitting.

IK Code	Stoßenergie	Masse/Höhe
IK code	Impact Energy	Mass/Height
IK00	0,00 Joule	-
IK01	0,15 Joule	0,2Kg/70mm
IK02	0,20 Joule	0,2Kg/100mm
IK03	0,35 Joule	0,2Kg/175mm
IK04	0,50 Joule	0,2Kg/250mm
IK05	0,70 Joule	0,2Kg/350mm
IK06	1,00 Joule	0,5Kg/200mm
IK07	2,00 Joule	0,5Kg/400mm
IK08	5,00 Joule	1,7Kg/295mm
IK09	10,00 Joule	5,0Kg/200mm
IK10	20,00 Joule	5,0Kg/400mm

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LUNS-13NW6	259	MAYA-25NW12-4F	33	MIN-25WW11S	29
LUNS-13NW7	259	MAYA-25NW12-4S	33	MIN-25WW12-60	29
LUNS-13WW1	259	MAYA-25SW11-1	33	MIN-25WW12F	29
LUNS-13WW6	259	MAYA-25SW11-1F	33	MIN-25WW12S	29
LUNS-13WW7	259	MAYA-25SW11-1S	33	MIN-32NW11-60	29
LUNS-25NW1	259	MAYA-25SW12-2	33	MIN-32NW11F	29
LUNS-25NW6	259	MAYA-25SW12-2F	33	MIN-32NW11S	29
LUNS-25NW7	259	MAYA-25SW12-2S	33	MIN-32NW12-60	29
LUNS-25WW1	259	MAYA-25SW12-4	33	MIN-32NW12F	29
LUNS-25WW6	259	MAYA-25SW12-4F	33	MIN-32NW12S	29
LUNS-25WW7	259	MAYA-25SW12-4S	33	MIN-32SW11-60	29
LUS-13NW1	259	MAYA-25SW12-4S	33	MIN-32SW11F	29
LUS-13NW6	259	MAYA-25WW11-1	33	MIN-32SW11S	29
LUS-13NW7	259	MAYA-25WW11-1F	33	MIN-32SW12-60	29
LUS-13WW1	259	MAYA-25WW11-1S	33	MIN-32SW12F	29
LUS-13WW6	259	MAYA-25WW12-2	33	MIN-32SW12S	29
LUS-13WW7	259	MAYA-25WW12-2F	33	MIN-32WNW11-60	29
LUS-25NW1	259	MAYA-25WW12-2S	33	MIN-32WNW11F	29
LUS-25NW6	259	MAYA-25WW12-4	33	MIN-32WNW11S	29
LUS-25NW7	259	MAYA-25WW12-4F	33	MIN-32WNW12-60	29
LUS-25WW1	259	MAYA-25WW12-4S	33	MIN-32WNW12F	29
LUS-25WW6	259	MAYAW-6SW1-1D	185	MIN-32WNW12S	29
LUS-25WW7	259	MAYAW-6SW1-2D	185	MIN-32WNW12S	29
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LUX30-10NW1B	301	MAYAW-6SW2-2D	185	MIN-32WNW11F	29
LUX30-10NW1E	301	MAYAW-6SW24-1D	185	MIN-32WNW11S	29
LUX30-10NW1F	301	MAYAW-6SW24-2D	185	MIN-32WW12-60	29
LUX30-10NW6	301	MAYAW-6SW3-1D	185	MIN-32WW12F	29
LUX30-10NW6B	301	MAYAW-6SW3-2D	185	MIN-32WW12S	29
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LUX30-10NW7	301	MET-14NW1	263	MIO-20NW11S	31
LUX30-10NW7B	301	MET-14NW1	325	MIO-20NW12-60	31
LUX30-10NW7E	301	MET-14NW6	263	MIO-20NW12F	31
LUX30-10NW7F	301	MET-14NW6	325	MIO-20NW12S	31
LUX30-10WW1	301	MET-14NW7	263	MIO-20SW11-60	31
LUX30-10WW1B	301	MET-14NW7	325	MIO-20SW11F	31
LUX30-10WW1E	301	MET-14WW08	263	MIO-20SW11S	31
LUX30-10WW1F	301	MET-14WW08	325	MIO-20SW12-60	31
LUX30-10WW6	301	MET-14WW1	263	MIO-20SW12F	31
LUX30-10WW6B	301	MET-14WW1	325	MIO-20SW12S	31
LUX30-10WW6E	301	MET-14WW6	263	MIO-20WNW11-60	31
LUX30-10WW6F	301	MET-14WW6	325	MIO-20WNW11F	31
LUX30-10WW7	301	MET-14WW7	263	MIO-20WNW11S	31
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LUX30-10WW7E	301	MIDI-17NW2	285	MIO-20WNW12F	31
LUX30-10WW7F	301	MIDI-17NW7	285	MIO-20WNW12S	31
LUX30-10WW7E	301	MIDI-17WW2	285	MIO-20WW11-60	31
LUX30-10WW7F	301	MIDI-17WW7	285	MIO-20WW11F	31
LUXR30-10NW1	301	MIMIE-13NW	253	MIO-20WW11S	31
LUXR30-10NW6	301	MIMIE-13SW	253	MIO-20WW12-60	31
LUXR30-10NW7	301	MIMIE-13WW	253	MIO-20WW12F	31
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LUXR30-10WW6	301	MIMIR-13SW	253	MIO-20WW11-60	31
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LUXUF-8WW7	299	MIN-18NW11F	29	MIO-20WW12-60	31
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MAT-14NW1	339	MIN-18NW12-60	29	MIO-20WW12S	31
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MATMA-14NW6	339	MIN-18SW12S	29	MIO-30WNW11S	31
MATMA-14NW7	339	MIN-18WNW11-60	29	MIO-30WNW12-60	31
MATMA-14WW08	339	MIN-18WNW11F	29	MIO-30WNW12F	31
MATMA-14WW1	339	MIN-18WNW11S	29	MIO-30WNW12S	31
MATMA-14WW6	339	MIN-18WNW11S	29	MIO-30WNW11F	31
MATMA-14WW7	339	MIN-18WNW12F	29	MIO-30WNW11S	31
		MIN-18WNW12S	29	MIO-30WNW12-60	31
		MIN-18WNW12F	29	MIO-30WNW12F	31
		MIN-18WNW12S	29	MIO-30WNW12S	31
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MIO-30WW12-60	31	MIRMAF-40WW7	361	PAS125-1-4NW7	247
MIO-30WW12F	31	MOD-3NW08	293	PAS125-1-4WWW07	247
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MIR-18NW1	361	MOD-3NW7	293	PAS125-2-180-4NW7	247
MIR-18NW1A	291	MOD-3WW08	293	PAS125-2-180-4WWW07	247
MIR-18NW1A	361	MOD-3WW1	293	PAS125-2-180-4WWW7	247
MIR-18NW1S	291	MOD-3WW6	293	PAS125-2-90-4NW07	247
MIR-18NW1S	361	MOD-3WW7	293	PAS125-2-90-4NW7	247
MIR-18NW6	291	MOD-6NW08	293	PAS125-2-90-4WWW07	247
MIR-18NW6	361	MOD-6NW1	293	PAS125-2-90-4WWW7	247
MIR-18NW6A	291	MOD-6NW6	293	PAS180-8NW07	249
MIR-18NW6A	361	MOD-6NW7	293	PAS180-8NW7	249
MIR-18NW6S	291	MOD-6WW08	293	PAS180-8WWW07	249
MIR-18NW6S	361	MOD-6WW1	293	PAS180-8WWW7	249
MIR-18NW7	291	MOD-6WW6	293	PAS70-1-3NW0	247
MIR-18NW7	361	MOD-6WW7	293	PAS70-1-3NW7	247
MIR-18NW7A	291	MPL-24WW2	167	PAS70-1-3WW0	247
MIR-18NW7A	361	MUS-10WW2	316	PAS70-1-3WW7	247
MIR-18NW7S	291	MUS-10WW7	316	PAS70-2-180-3NW7	247
MIR-18NW7S	361	MUS-12WWW08	316	PAS70-2-180-3WWW7	247
MIR-18WW1	291	MUS-12WWW08-60	316	PAS70-2-90-3NW0	247
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MIR-18WW1A	291	MUS-12WWW1-60	316	PAS70-2-90-3WWW0	247
MIR-18WW1A	361	MUS-12WWW2	316	PAS70-2-90-3WWW7	247
MIR-18WW1S	291	MUS-12WWW2-60	316	PASUP125-4NW7-0	240
MIR-18WW1S	361	MUS-12WWW7	316	PASUP125-4WWW7-0	240
MIR-18WW6	291	MUS-12WWW7-60	316	PASUP125-6NW7	240
MIR-18WW6	361	MUS-5WW2	316	PASUP125-6WW7	240
MIR-18WW6A	291	MUS-5WW7	316	PASUP125A-4NW-0	240
MIR-18WW6A	361	MUS-BOX08	316	PASUP125A-4WWW-0	240
MIR-18WW6S	291	MUS-BOX08DD	316	PASUP125A-6NW	240
MIR-18WW6S	361	MUS-BOX1	316	PASUP125A-6WWW	240
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MIR-18WW7S	291	MUS-BOX7DD	316	PASUP125R-4NW-0	240
MIR-18WW7S	361	MUSH-29NW6	365	PASUP125R-4WWW-0	240
MIRF-18NW1	291	MUSH-29WWW6	365	PASUP125R-6NW	240
MIRF-18NW1	361	MUSH-43NW6	365	PASUP125R-6WWW	240
MIRF-18NW6	291	MUSH-43WWW6	365	PASUP125R-GU10	240
MIRF-18NW6	361	MUSL-3WW2	316	PASUP125R-GU10-0	240
MIRF-18NW7	291	MUS-P300	317	PASUP125UF-8NW7	241
MIRF-18NW7	361	MUS-P300-24	317	PASUP125UF-8WWW7	241
MIRF-18WW1	291	MUS-P500	317	PASUP125UFA-8NW	241
MIRF-18WW1	361	MUS-P500-24	317	PASUP125UFA-8WWW	241
MIRF-18WW6	291	MUS-P800	317	PASUP125UFR-8NW	241
MIRF-18WW6	361	MUS-P800-24	317	PASUP125UFR-8WWW	241
MIRF-18WW7	291	MUS-ST500-24	317	PASUP180-11NW7	242
MIRF-18WW7	361	MUS-ST800-24	317	PASUP180-11WWW7	242
MIRMA-40NW1	291	MUS-STB500-24	317	PASUP180-18NW7	242
MIRMA-40NW1	361	MUS-STB800-24	317	PASUP180-18WWW7	242
MIRMA-40NW1A	291	MUS-STBS500-24	317	PASUP180-6NW7-0	242
MIRMA-40NW1A	361	MUS-STBS800-24	317	PASUP180-6WWW7-0	242
MIRMA-40NW1S	291	MUS-STS500-24	317	PASUP180A-11NW	242
MIRMA-40NW1S	361	MUS-STS800-24	317	PASUP180A-11WWW	242
MIRMA-40NW6	291	MUS-WH24	316	PASUP180A-18NW	242
MIRMA-40NW6	361	NAH-12NW7	89	PASUP180A-18WWW	242
MIRMA-40NW6A	291	NAH-12WWW7	89	PASUP180A-6NW-0	242
MIRMA-40NW6A	361	NAH-4NW7	89	PASUP180A-6WWW-0	242
MIRMA-40NW6S	291	NAH-4WWW7	89	PASUP180A-GU10	242
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MIRMA-40NW7	291	NAH-8WWW7	89	PASUP180-GU10-7	242
MIRMA-40NW7	361	NAHE-12NW7	89	PASUP180-GU10-7-0	242
MIRMA-40NW7A	291	NAHE-12WWW7	89	PASUP180R-11NW	242
MIRMA-40NW7A	361	NAHE-4NW7	89	PASUP180R-11WWW	242
MIRMA-40NW7S	291	NAHE-4WWW7	89	PASUP180R-18NW	242
MIRMA-40NW7S	361	NAHE-8NW7	89	PASUP180R-18WWW	242
MIRMA-40WW1	291	NAHE-8WWW7	89	PASUP180R-6NW-0	242
MIRMA-40WW1	361	NAHR-12NW7	89	PASUP180R-6WWW-0	242
MIRMA-40WW1A	291	NAHR-12WWW7	89	PASUP180R-GU10	242
MIRMA-40WW1A	361	NAHR-4NW7	89	PASUP180R-GU10-0	242
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MIRMA-40WW1S	361	NAHR-8NW7	89	PASUP245-33WWW7	243
MIRMA-40WW6	291	NAHR-8WWW7	89	PASUP245R-33NW	243
MIRMA-40WW6	361	NAT-2WWW1	187	PASUP245R-33WWW	243
MIRMA-40WW6A	291	NATE-2WWW1	187	PASUP70-1NW7	239
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MIRMA-40WW7A	361	OLI-21	45	PASUP70-3WWW7-0	239
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MIRMA-40WW7S	361	OLI-31	45	PASUP70A-1NW-0	239
MIRMAF-40NW1	291	OLI-32	45	PASUP70A-1WWW	239
MIRMAF-40NW1	361	PACD-17NWO	207	PASUP70A-1WWW-0	239
MIRMAF-40NW6	291	PACD-33NWG	207	PASUP70A-3NW	239
MIRMAF-40NW6	361	PACD-33NWG-DD	207	PASUP70A-3NW-0	239
MIRMAF-40NW7	291	PACD-33NWO	207	PASUP70A-3WWW	239
MIRMAF-40NW7	361	PACD-33NWO-DD	207	PASUP70A-3WWW-0	239
MIRMAF-40WW1	291	PACD-43NWG	207	PASUP70R-1NW	239
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