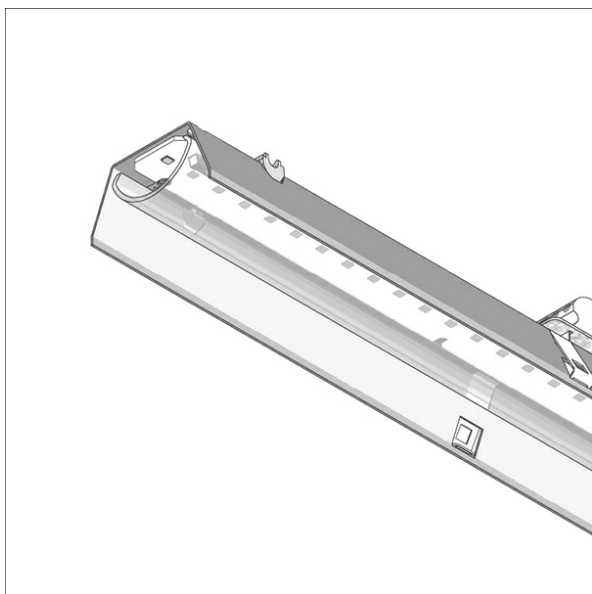


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Description

- light-insert made from sheet steel with integrated LED modules for direct light component
- no UV and thermal emissions
- thermal management with passive cooling
- almost all strip light lengths can be realised
- curved PMMA diffuser for uniform light distribution
- tool-free snapping into Lichtkanal profile
- 5-pole terminal block, pre-fabricated for through-wiring
- ballast (LED converter DALI, dimmable) integrated

Notes

The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at $\Delta T = 10$ Kelvin.

Standard options

4000 K

Special options



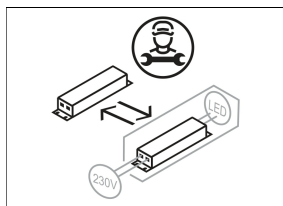
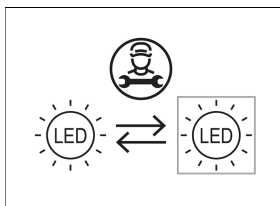
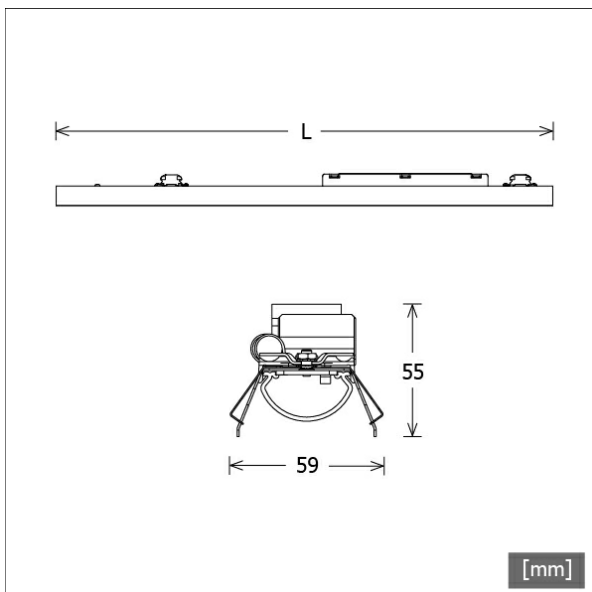
Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	833877
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	6.7 W
Luminaire luminous flux	680 lm
System efficiency	101.49 lm/W
Module efficiency	178.36 lm/W
UGR class	≤25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

Dimensions / Weights

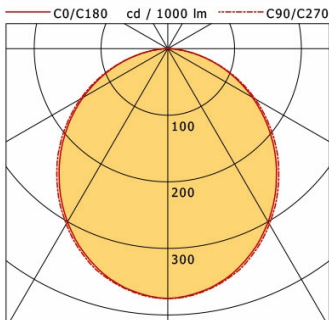
Length	565 mm
Width	59 mm
Height	55 mm
Net weight	0.97 kg
Gross weight	1.02 kg

Colours	Article no.	EAN
	659315	4043544785152



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Lichtkanal 070 IP | Light-Insert (AOB, 1xLED 7W 830/3000K 680lm)



	C0	C90	C180	C270
0°	375	375	375	375
15°	354	356	354	356
30°	301	304	301	304
45°	228	234	228	234
60°	147	151	147	151
75°	64	64	64	64
90°	0	1	0	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	7.83	8.10	28.4
6.0	15.66	16.19	7.1
9.0	23.49	24.29	3.2
12.0	31.32	32.39	1.8
15.0	39.15	40.49	1.1

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	7 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.5
UGR C90/C270	22.6
CIE Flux Codes	48 80 96 100 100
Ra/CRI	> 80

LTS