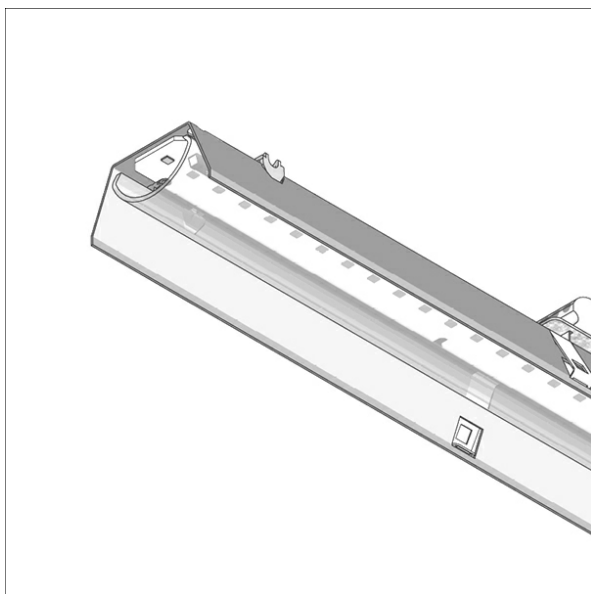


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Description

- 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

3000 K

Special options

2700 K

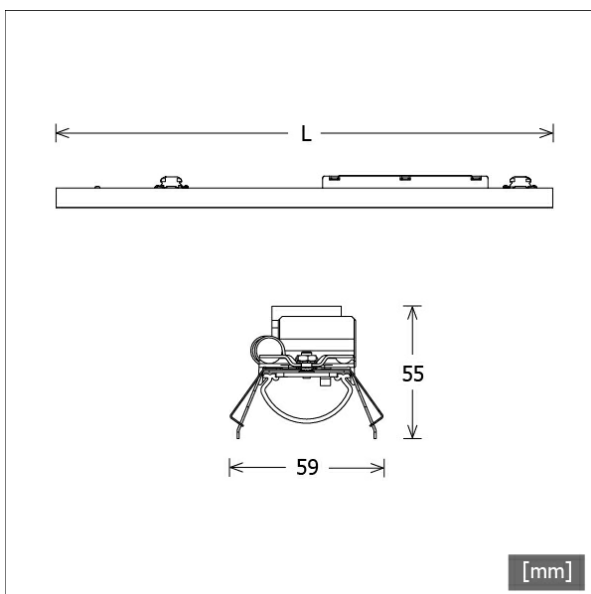
CRI 90
SDCM3

TWL

TWPI



Colours	Article no.	EAN
	659382	4043544785817

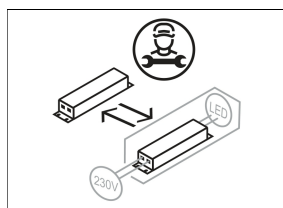
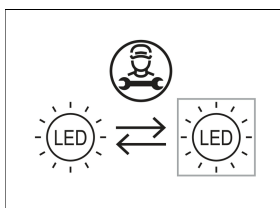


Lighting data / Norms

Lamps	LED linear / CRI 80 / 4000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	37.2 W
Luminaire luminous flux	3880 lm
System efficiency	104.30 lm/W
Module efficiency	164.17 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

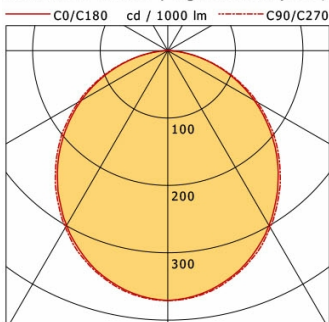
Dimensions / Weights

Length	985 mm
Width	59 mm
Height	55 mm
Net weight	1.43 kg
Gross weight	1.50 kg



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Lichtkanal 070 IP | Light-Insert (AOB, 1xLED 37W 840/4000K 3880lm)



	C0	C90	C180	C270
0°	371	371	371	371
15°	350	352	350	352
30°	299	303	299	303
45°	229	234	229	234
60°	148	153	148	153
75°	64	65	64	65
90°	0	1	0	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
3.0	8.02	8.31	159.9
6.0	16.05	16.62	40.0
9.0	24.07	24.93	17.8
12.0	32.10	33.24	10.0
15.0	40.12	41.55	6.4

η	LED
Efficiency	105 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	37 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.7
UGR C90/C270	26.7
CIE Flux Codes	48 79 96 100 100
Ra/CRI	>80

LTS