

LK-L 070.10830.0845.U19/DALI



Description

- light-insert with integrated LED strips for 360° glare-free workplace lighting (UGR < 19)
- reflector made from traffic white painted aluminium sheet
- anti-glare collimators made from polycarbonate
- no UV and thermal emissions
- almost all strip light lengths can be realised
- 5-pole through-wiring kit included
- pMMA matt foil for uniform light distribution
- tool-free snapping into Lichtkanal profile via mounting springs
- 5-pole terminal block, pre-fabricated for through-wiring
- ballast (LED converter DALI, dimmable) integrated

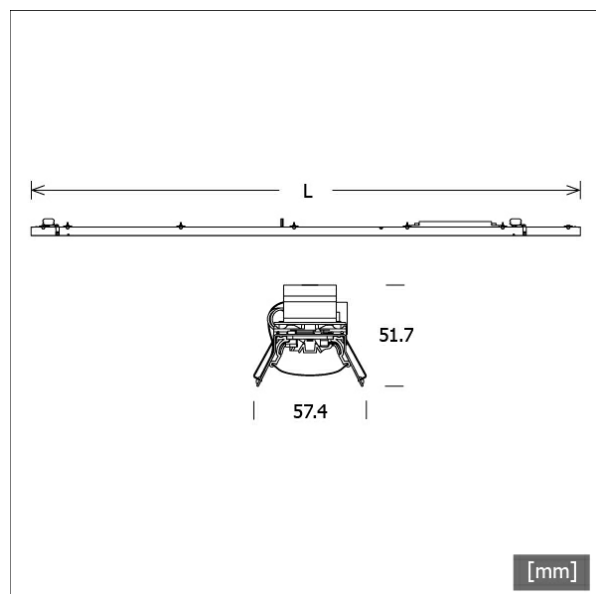
Notes

Only useable together with prismatic covers. The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at $\Delta T = 10$ Kelvin.

Standard options

4000 K

Colours	Article no.	EAN
	668083	4043544797407

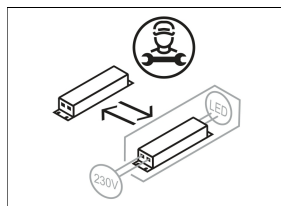
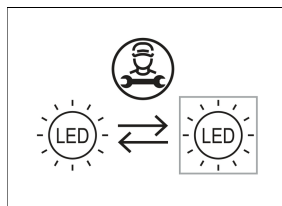


Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	9.1 W
Luminaire luminous flux	1360 lm
System efficiency	149.45 lm/W
Module efficiency	193.00 lm/W
UGR class	≤19
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

Dimensions / Weights

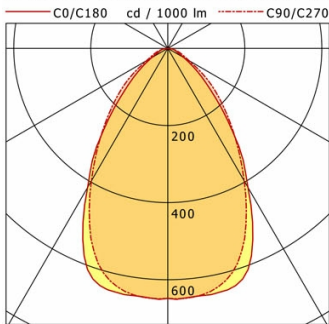
Length	845 mm
Width	57 mm
Height	52 mm
Net weight	1.28 kg
Gross weight	1.35 kg



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Lichtkanal 070 | Light-Insert (APB, 1xLED 9W 830/3000K 1360lm)



	C0	C90	C180	C270
0°	649	649	649	649
15°	643	614	643	614
30°	416	397	416	397
45°	166	196	166	196
60°	49	64	49	64
75°	19	24	19	24
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.26	4.14	98.0
6.0	8.52	8.28	24.5
9.0	12.78	12.41	10.9
12.0	17.03	16.55	6.1
15.0	21.29	20.69	3.9

η	LED
Efficiency	151 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	9 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.7
UGR C90/C270	18.5
CIE Flux Codes	72 93 98 100 100
Ra/CRI	>80

LTS