

LKIPL 010.30.30



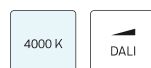
Description

- 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
- fastening in Lichtkanal profile via turning bolts
- 5-pole terminal block, pre-fabricated for 5-pole through-wiring
- ballast (LED converter) integrated

Notes

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

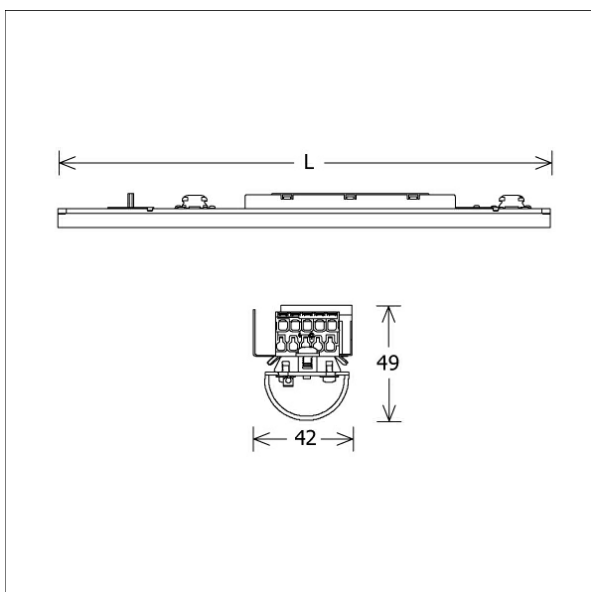
Standard options



Special options



Colours	Article no.	EAN
	645248	4043544525574

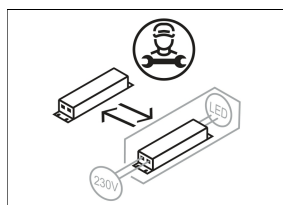
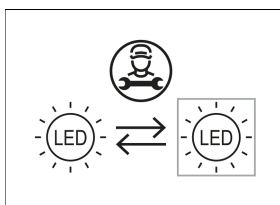


Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	833877 833872
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	15.0 W
Luminaire luminous flux	1450 lm
System efficiency	96.66 lm/W
Module efficiency	179.94 lm/W
UGR class	≤25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

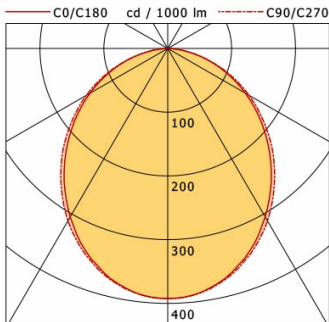
Dimensions / Weights

Length	845 mm
Width	42 mm
Height	49 mm
Net weight	1.06 kg
Gross weight	1.13 kg



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Lichtkanal 070 IP - Light-Insert (AG, 1xLED 15W 830/3000K 1450lm)



	C0	C90	C180	C270
0°	392	392	392	392
15°	369	371	369	371
30°	305	312	305	312
45°	224	233	224	233
60°	140	147	140	147
75°	60	61	60	61
90°	1	1	1	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	7.15	7.53	63.2
6.0	14.30	15.06	15.8
9.0	21.44	22.59	7.0
12.0	28.59	30.12	4.0
15.0	35.74	37.65	2.5

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.4
UGR C90/C270	23.6
CIE Flux Codes	50 80 96 100 100
Ra/CRI	>80

LTS