

LKIPL 011.30.50



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.

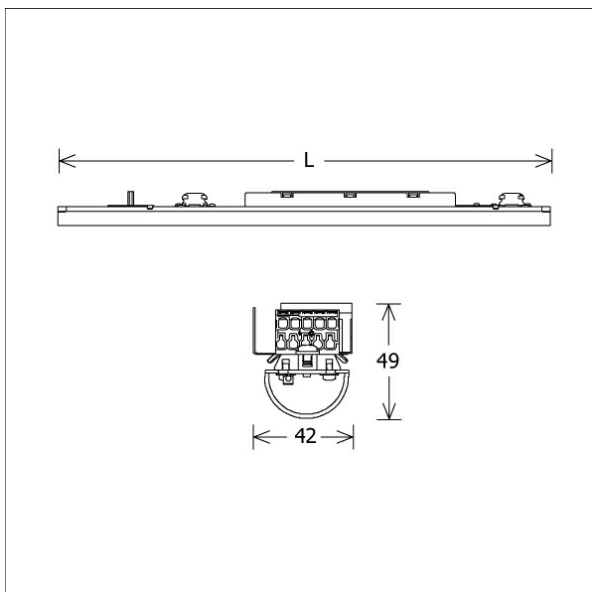
Standard options



Special options



Colours	Article no.	EAN
	645278	4043544525871

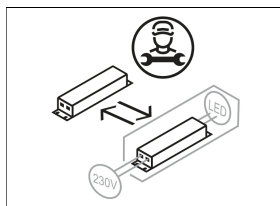
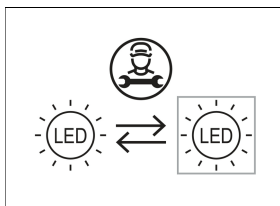


Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	833899 833894
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	60.0 W
Luminaire luminous flux	5360 lm
System efficiency	89.33 lm/W
Module efficiency	178.58 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

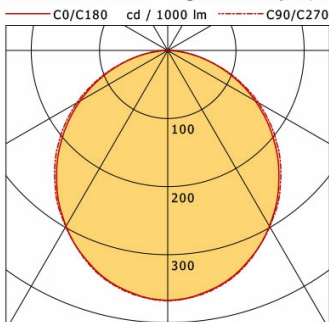
Dimensions / Weights

Length	1405 mm
Width	42 mm
Height	49 mm
Net weight	1.52 kg
Gross weight	1.64 kg



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Lichtkanal 070 IP - Light-Insert (AG, 1xLED 60W 830/3000K 5360lm)



	C0	C90	C180	C270
0°	367	367	367	367
15°	348	349	348	349
30°	298	299	298	299
45°	229	234	229	234
60°	148	154	148	154
75°	65	65	65	65
90°	1	1	1	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.12	8.45	218.8
6.0	16.25	16.89	54.7
9.0	24.37	25.34	24.3
12.0	32.49	33.78	13.7
15.0	40.61	42.23	8.8

η	LED
Efficiency	89 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	60 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