

LK-L 060.10840.1125.U16/DALI



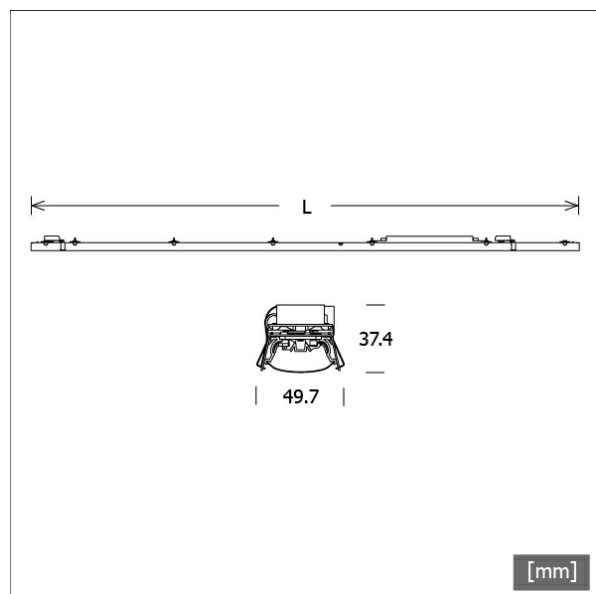
Description

- light-insert with integrated LED strips for 360° glare-free workplace lighting (UGR < 16)
- 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

Use only in conjunction with nanoOptix light-directing foils "deep beam" (STRL-LK060-Z 690.DB) and "batwing and wide beam" (STRL-LK060-Z 690.BW-WB). The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at $\Delta T = 10$ Kelvin.

Colours	Article no.	EAN
	667926	4043544795731



Standard options

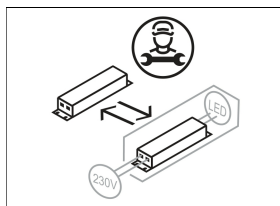
3000 K

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	12.1 W
Luminaire luminous flux	max. 1760 lm
System efficiency	143.80 lm/W
Module efficiency	205.00 lm/W
UGR class	≤16
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

Dimensions / Weights

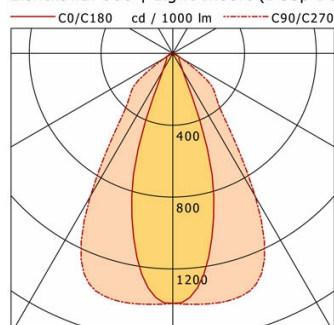
Length	1125 mm
Width	50 mm
Height	37 mm
Net weight	0.96 kg
Gross weight	1.01 kg



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Lichtkanal 060 | Light-Insert (Deep Beam nanoOptix, 1xLED 12W 830/3000K 1640lm)



	C0	C90	C180	C270
0°	1392	1392	1392	1392
15°	886	1407	886	1407
30°	111	920	111	920
45°	50	340	50	340
60°	39	55	39	55
75°	17	7	17	7
90°	0	0	0	0

cd / 1000 lm

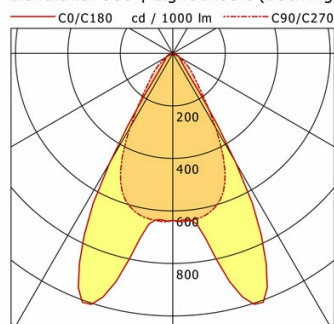
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.95 3.95	253.6
6.0	3.90 7.91	63.4
9.0	5.85 11.86	28.2
12.0	7.80 15.81	15.8
15.0	9.75 19.76	10.1

η	LED
Efficiency	137 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	14.5
UGR C90/C270	15.4
CIE Flux Codes	88 96 99 100 100
Ra/CRI	>80

LTS

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Lichtkanal 060 | Light-Insert (Batwing/Wide Beam nanoOptix, 1xLED 12W 830/3000K 1660lm)



	C0	C90	C180	C270
0°	636	636	636	636
15°	934	611	934	611
30°	479	327	479	327
45°	50	104	50	104
60°	30	28	30	28
75°	14	9	14	9
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.41 2.66	117.3
6.0	6.83 5.11	29.3
9.0	10.24 7.67	13.0
12.0	13.66 10.23	7.3
15.0	17.07 12.78	4.7

η	LED
Efficiency	138 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	14.2
UGR C90/C270	16.2
CIE Flux Codes	86 97 99 100 100
Ra/CRI	>80

LTS