

LK-LED 070.1130.2245.1/DALI



Description

- light-insert with integrated LED strips
- reflector made from white-painted aluminium
- no UV and thermal emissions
- almost all strip light lengths can be realised
- 5-pole through-wiring kit included
- 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

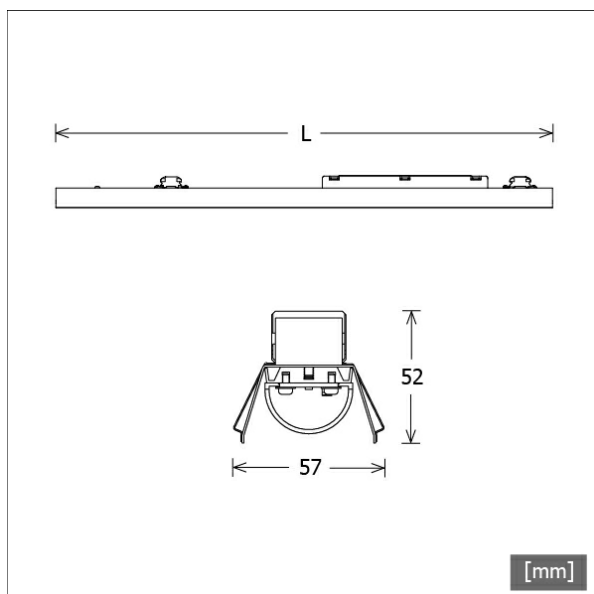
Notes

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

Standard options

4000 K

Colours	Article no.	EAN
	664924	4043544740601

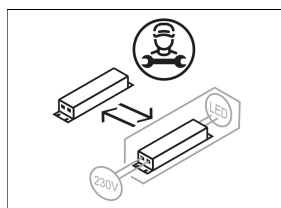


Lighting data / Norms

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	88.0 W
Luminaire luminous flux	max. 9190 lm
System efficiency	91.02 lm/W
Module efficiency	156.66 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

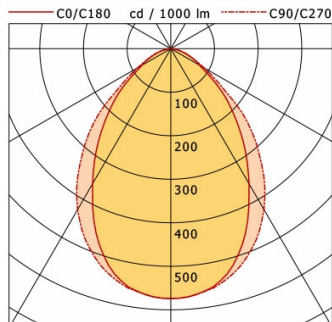
Dimensions / Weights

Length	2245 mm
Width	57 mm
Height	52 mm
Net weight	2.87 kg
Gross weight	3.02 kg



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Lichtkanal 070 - Light-Insert (APB, 1xLED 88W 830/3000K 8010lm)



	C0	C90	C180	C270
0°	574	574	574	574
15°	526	538	526	538
30°	358	427	358	427
45°	197	257	197	257
60°	76	88	76	88
75°	26	27	26	27
90°	0	0	0	0

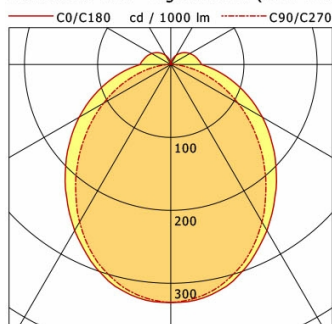
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.41 5.50	510.9
6.0	8.83 11.00	127.7
9.0	13.24 16.50	56.8
12.0	17.66 22.01	31.9
15.0	22.07 27.51	20.4

η	LED
Efficiency	91 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	88 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.9
UGR C90/C270	22.7
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 88W 830/3000K 9190lm)



	C0	C90	C180	C270
0°	326	326	326	326
30°	263	249	263	249
60°	145	106	145	106
90°	42	2	42	2
120°	30	1	30	1
150°	14	1	14	1
180°	0	0	0	0

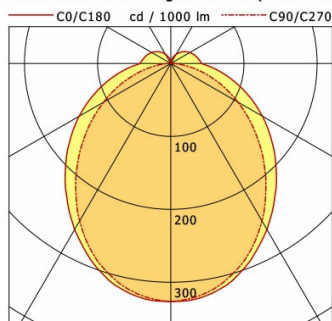
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.66 6.63	333.3
6.0	17.31 13.27	83.3
9.0	25.97 19.90	37.0
12.0	34.62 26.53	20.8
15.0	43.28 33.16	13.3

η	LED
Efficiency	104 lm/W
Direct/Indirect	↓ 90% / ↑ 10%
System Power	88 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	28.0
UGR C90/C270	24.8
CIE Flux Codes	46 75 92 90 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 88W 830/3000K 9190lm)



	C0	C90	C180	C270
0°	326	326	326	326
30°	263	249	263	249
60°	145	106	145	106
90°	42	2	42	2
120°	30	1	30	1
150°	14	1	14	1
180°	0	0	0	0

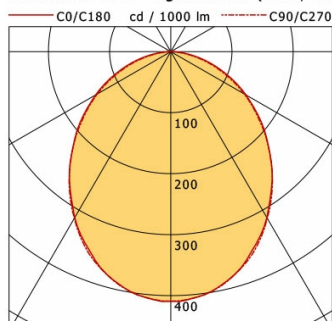
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.66 6.63	333.3
6.0	17.31 13.27	83.3
9.0	25.97 19.90	37.0
12.0	34.62 26.53	20.8
15.0	43.28 33.16	13.3

η	LED
Efficiency	104 lm/W
Direct/Indirect	↓ 90% / ↑ 10%
System Power	88 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	28.0
UGR C90/C270	24.8
CIE Flux Codes	46 75 92 90 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOB, 1xLED 88W 830/3000K 8400lm)



	C0	C90	C180	C270
0°	409	409	409	409
15°	383	384	383	384
30°	314	315	314	315
45°	227	227	227	227
60°	142	138	142	138
75°	62	56	62	56
90°	1	0	1	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.92 6.83	381.9
6.0	13.84 13.67	95.5
9.0	20.76 20.50	42.4
12.0	27.68 27.34	23.9
15.0	34.60 34.17	15.3

η	LED
Efficiency	95 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	88 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.2
UGR C90/C270	25.9
CIE Flux Codes	51 81 96 100 100
Ra/CRI	>80

LTS