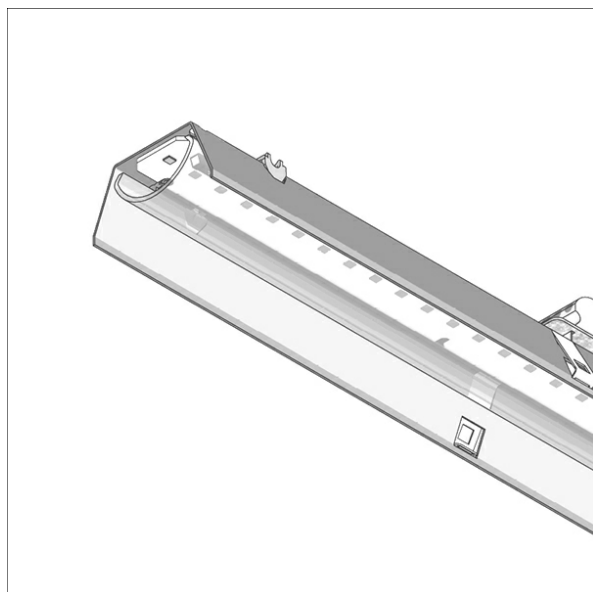


LK-LED 070.0740.2245.1/DALI



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

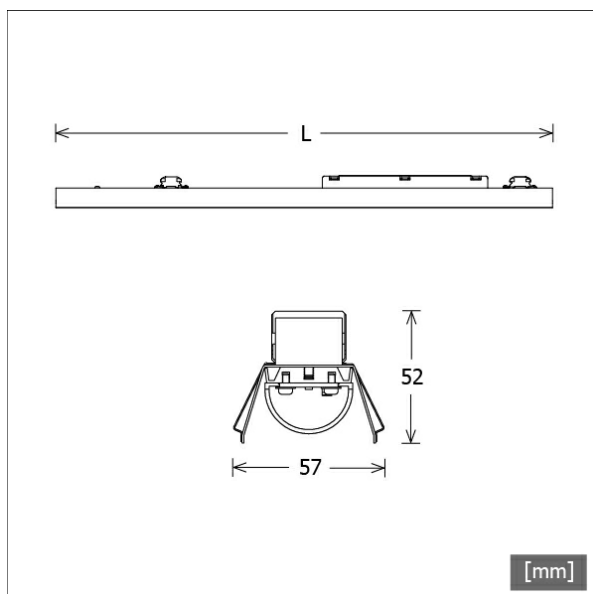
Notes

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

Standard options

3000 K

Colours	Article no.	EAN
	664847	4043544739834



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	24.9 W
Luminaire luminous flux	max. 2720 lm
System efficiency	93.57 lm/W
Module efficiency	164.17 lm/W
UGR class	≤ 25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

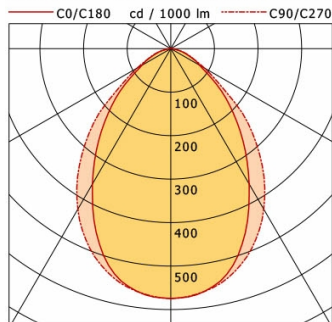
Dimensions / Weights

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



LK-LED 070.0740.2245.1/DALI

Lichtkanal 070 - Light-Insert (APB, 1xLED 25W 840/4000K 2330lm)



	C0	C90	C180	C270
0°	575	575	575	575
15°	526	538	526	538
30°	359	426	359	426
45°	197	258	197	258
60°	76	89	76	89
75°	26	28	26	28
90°	0	0	0	0

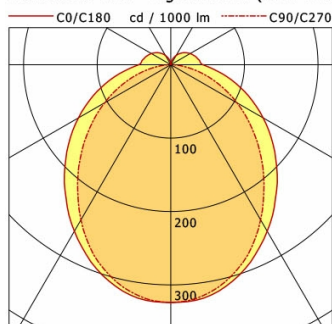
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.41 5.49	148.8
6.0	8.82 10.99	37.2
9.0	13.23 16.48	16.5
12.0	17.64 21.97	9.3
15.0	22.05 27.46	6.0

η	LED
Efficiency	93 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	25 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.6
UGR C90/C270	18.4
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 25W 840/4000K 2720lm)



	C0	C90	C180	C270
0°	324	324	324	324
30°	262	244	262	244
60°	145	104	145	104
90°	43	2	43	2
120°	30	1	30	1
150°	15	1	15	1
180°	0	0	0	0

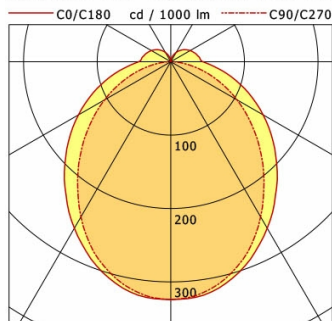
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.79 6.49	97.9
6.0	17.57 12.98	24.5
9.0	26.36 19.48	10.9
12.0	35.15 25.97	6.1
15.0	43.94 32.46	3.9

η	LED
Efficiency	109 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	25 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.8
UGR C90/C270	20.6
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 25W 840/4000K 2720lm)



	C0	C90	C180	C270
0°	324	324	324	324
30°	262	244	262	244
60°	145	104	145	104
90°	43	2	43	2
120°	30	1	30	1
150°	15	1	15	1
180°	0	0	0	0

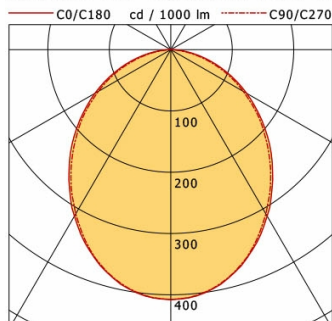
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.79 6.49	97.9
6.0	17.57 12.98	24.5
9.0	26.36 19.48	10.9
12.0	35.15 25.97	6.1
15.0	43.94 32.46	3.9

η	LED
Efficiency	109 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	25 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.8
UGR C90/C270	20.6
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOB, 1xLED 25W 840/4000K 2490lm)



	C0	C90	C180	C270
0°	408	408	408	408
15°	381	381	381	381
30°	314	310	314	310
45°	229	223	229	223
60°	143	136	143	136
75°	62	55	62	55
90°	1	0	1	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.98 6.72	112.8
6.0	13.96 13.44	28.2
9.0	20.94 20.15	12.5
12.0	27.92 26.87	7.1
15.0	34.90 33.59	4.5

η	LED
Efficiency	100 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	25 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.0
UGR C90/C270	21.7
CIE Flux Codes	51 81 96 100 100
Ra/CRI	>80

LTS