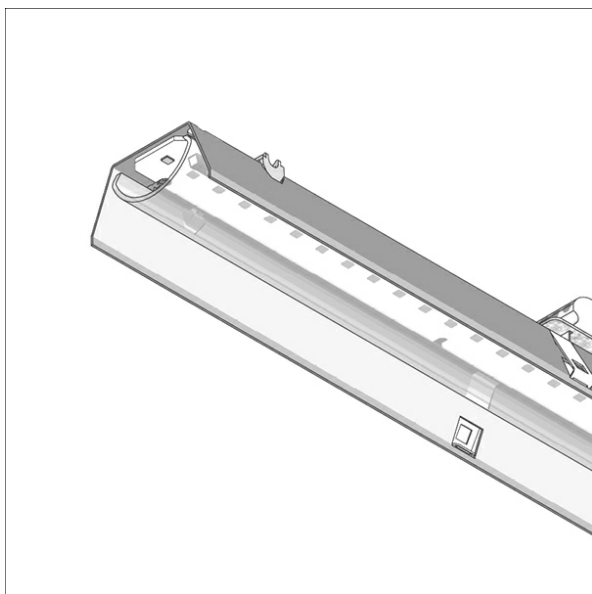


LK-LED 070.1140.0845.1



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) integrated

Notes

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

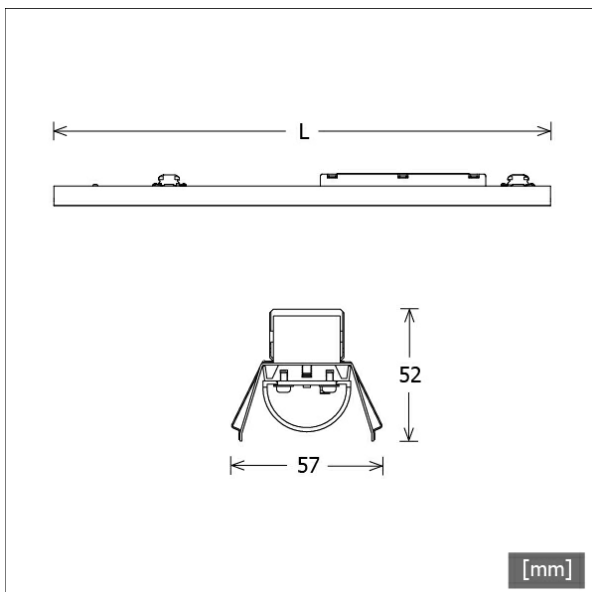
Standard options



Special options



Colours	Article no.	EAN
	664899	4043544740359

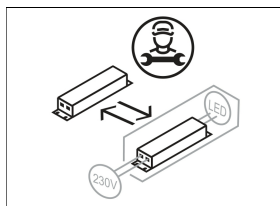
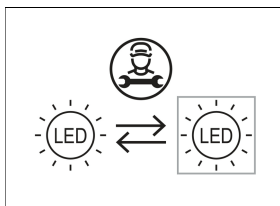


Lighting data / Norms

Lamps	LED linear / CRI 80 / 4000 K
EPREL light sources	833900 833895
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	33.0 W
Luminaire luminous flux	max. 3620 lm
System efficiency	100.00 lm/W
Module efficiency	187.83 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

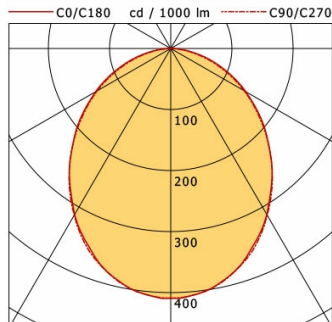
Dimensions / Weights

Length	845 mm
Width	57 mm
Height	52 mm
Net weight	1.20 kg
Gross weight	1.26 kg



LK-LED 070.1140.0845.1

Lichtkanal 070 - Light-Insert (AOB, 1xLED 33W 840/4000K 3300lm)



	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

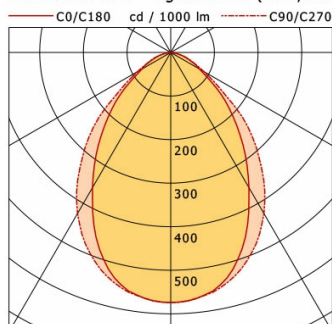
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.92 6.83	150.0
6.0	13.84 13.67	37.5
9.0	20.76 20.50	16.7
12.0	27.68 27.34	9.4
15.0	34.60 34.17	6.0

η	LED
Efficiency	100 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	33 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.4
UGR C90/C270	26.0
CIE Flux Codes	51 81 96 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (APB, 1xLED 33W 840/4000K 3150lm)



	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

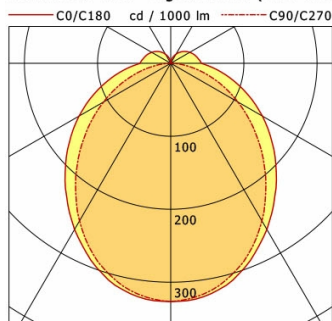
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.41 5.50	200.9
6.0	8.83 11.00	50.2
9.0	13.24 16.50	22.3
12.0	17.66 22.01	12.6
15.0	22.07 27.51	8.0

η	LED
Efficiency	95 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	33 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.1
UGR C90/C270	22.8
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 33W 840/4000K 3620lm)



	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

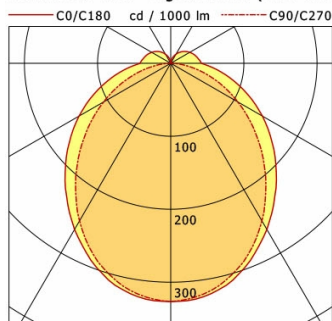
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.66 6.63	131.3
6.0	17.31 13.27	32.8
9.0	25.97 19.90	14.6
12.0	34.62 26.53	8.2
15.0	43.28 33.16	5.3

η	LED
Efficiency	110 lm/W
Direct/Indirect	↓ 90% / ↑ 10%
System Power	33 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	28.1
UGR C90/C270	24.9
CIE Flux Codes	46 75 92 90 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 33W 840/4000K 3620lm)



	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	131.3
6.0	17.31 13.27	32.8
9.0	25.97 19.90	14.6
12.0	34.62 26.53	8.2
15.0	43.28 33.16	5.3

η	LED
Efficiency	110 lm/W
Direct/Indirect	↓ 90% / ↑ 10%
System Power	33 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	28.1
UGR C90/C270	24.9
CIE Flux Codes	46 75 92 90 100
Ra/CRI	>80

LTS