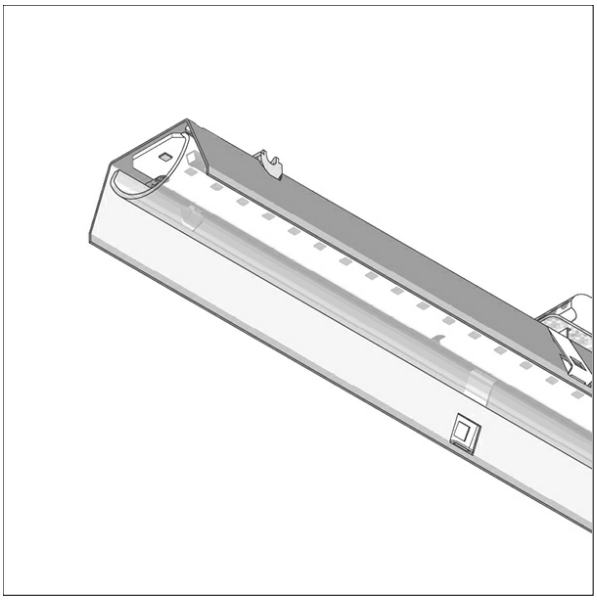
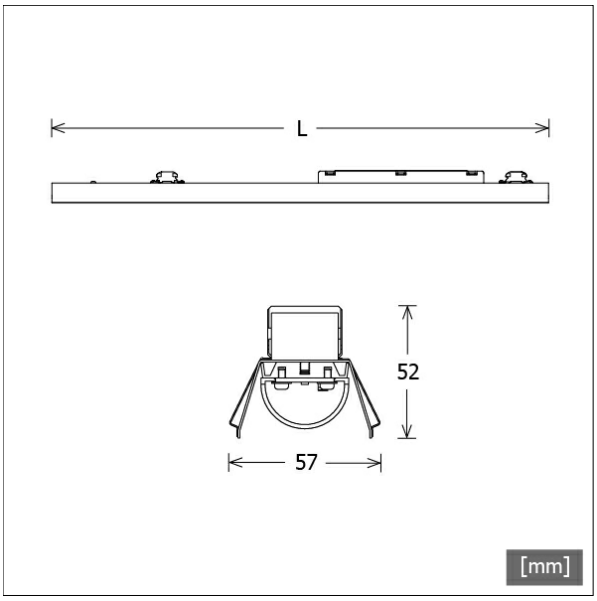
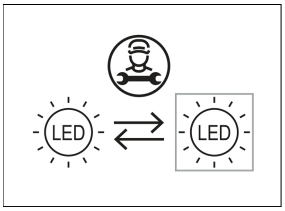
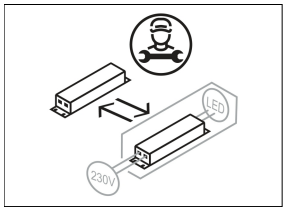
LK-LED 070.1140.0705.1



Colours	Article no.	EAN
	664895	4043544740311







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 dT = 10 Kelvin.

Standard options

3000 K | DALI

Special options

2700 K | CRI 90 SDCM3 | TWPI | LUMEN PLUS | EMERGENCY LIGHTING

Lighting data / Norms

Lamps	LED linear / CRI 80 / 4000 K
EPREL light sources	833900|833892
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	28.0 W
Luminaire luminous flux	max. 3010 lm
System efficiency	95.27 lm/W
Module efficiency	189.25 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

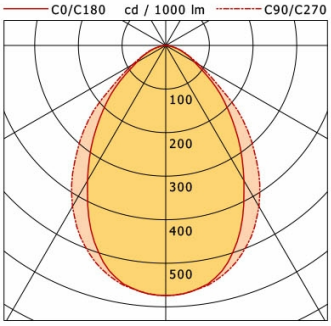
Dimensions / Weights

Length	705 mm
Width	57 mm
Height	52 mm
Net weight	1.07 kg
Gross weight	1.13 kg

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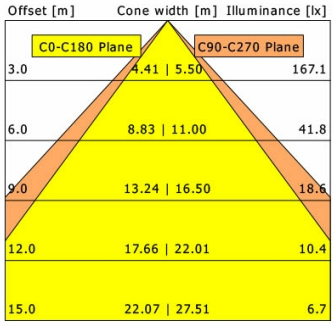
LK-LED 070.1140.0705.1

Lichtkanal 070 - Light-Insert (APB, 1xLED 28W 840/4000K 2620lm)



	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

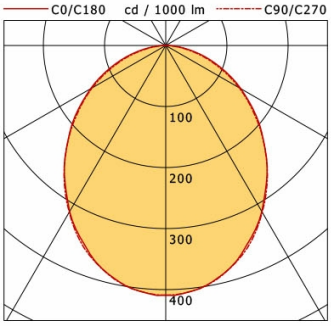
cd / 1000 lm



η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.0
UGR C90/C270	22.8
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

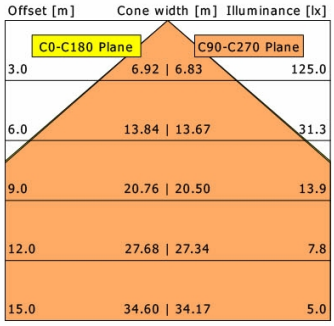
LTS

Lichtkanal 070 - Light-Insert (AOB, 1xLED 28W 840/4000K 2750lm)



	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

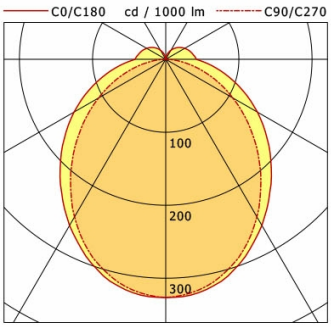
cd / 1000 lm



η	LED
Efficiency	98 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 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

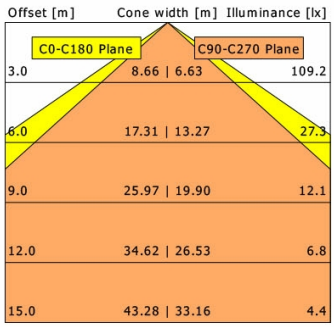
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Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 28W 840/4000K 3010lm)



	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

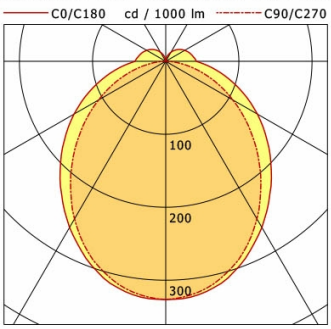
cd / 1000 lm



η	LED
Efficiency	108 lm/W
Direct/Indirect	↓ 90% / ↑ 10%
System Power	28 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

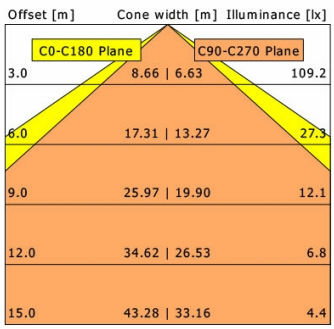
LTS

Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 28W 840/4000K 3010lm)



	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



η	LED
Efficiency	108 lm/W
Direct/Indirect	↓ 90% / ↑ 10%
System Power	28 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

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