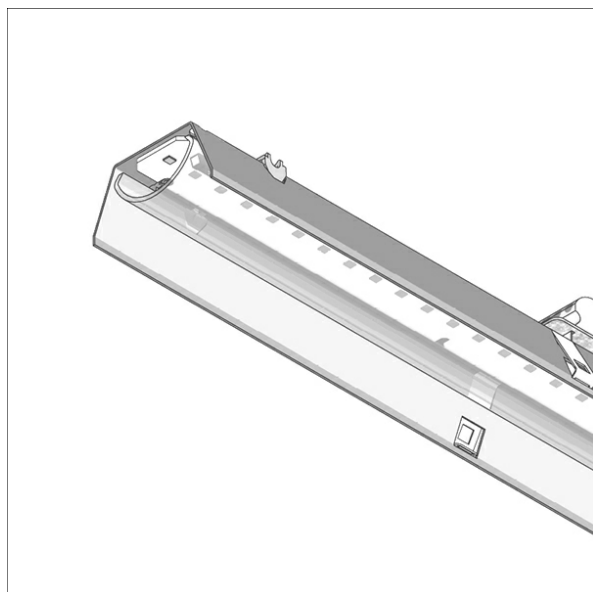


LK-LED 070.0730.1405.1



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.

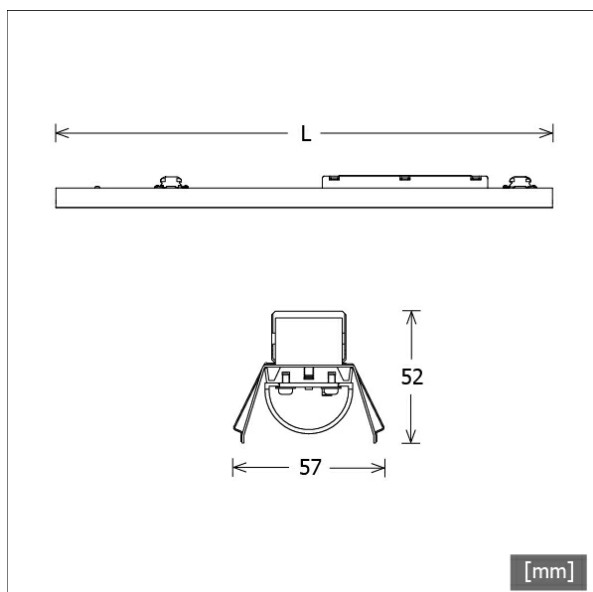
Standard options



Special options



Colours	Article no.	EAN
	664831	4043544739674



Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	833877 833872
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	15.6 W
Luminaire luminous flux	max. 1630 lm
System efficiency	89.74 lm/W
Module efficiency	179.94 lm/W
UGR class	≤25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

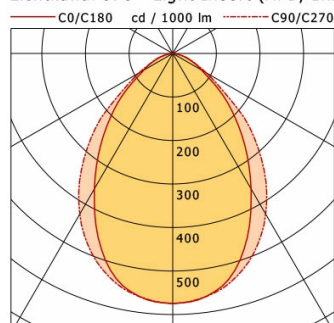
Dimensions / Weights

Length	1405 mm
Width	57 mm
Height	52 mm
Net weight	1.79 kg
Gross weight	1.89 kg



LK-LED 070.0730.1405.1

Lichtkanal 070 - Light-Insert (APB, 1xLED 16W 830/3000K 1400lm)



	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

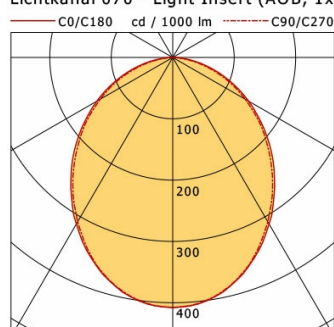
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.41 5.49	89.4
6.0	8.82 10.99	22.3
9.0	13.23 16.48	9.9
12.0	17.64 21.97	5.6
15.0	22.05 27.46	3.6

— C0-C180 Plane — C90-C270 Plane

η	LED
Efficiency	88 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.5
UGR C90/C270	18.2
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOB, 1xLED 16W 830/3000K 1490lm)



	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

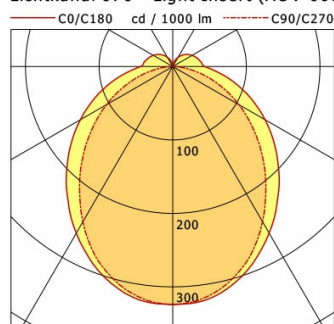
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.98 6.72	67.5
6.0	13.96 13.44	16.9
9.0	20.94 20.15	7.5
12.0	27.92 26.87	4.2
15.0	34.90 33.59	2.7

— C0-C180 Plane — C90-C270 Plane

η	LED
Efficiency	93 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.9
UGR C90/C270	21.5
CIE Flux Codes	51 81 96 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 16W 830/3000K 1630lm)



	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

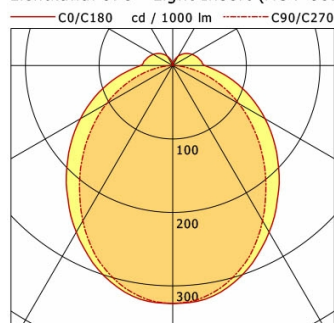
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.79 6.49	58.7
6.0	17.57 12.98	14.7
9.0	26.36 19.48	6.5
12.0	35.15 25.97	3.7
15.0	43.94 32.46	2.3

— C0-C180 Plane — C90-C270 Plane

η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.7
UGR C90/C270	20.4
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 16W 830/3000K 1630lm)



	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	58.7
6.0	17.57 12.98	14.7
9.0	26.36 19.48	6.5
12.0	35.15 25.97	3.7
15.0	43.94 32.46	2.3

— C0-C180 Plane — C90-C270 Plane

η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.7
UGR C90/C270	20.4
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS