

LK-L 070.10840.1405.1/DALI



Description

- light-insert with integrated LED strips
- reflector made from traffic white painted aluminium sheet
- no UV and thermal emissions
- almost all strip light lengths can be realised
- 5-pole through-wiring kit included
- pMMA matt foil for uniform light distribution
- tool-free snapping into Lichtkanal profile via mounting springs
- 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

Special options

2700 K

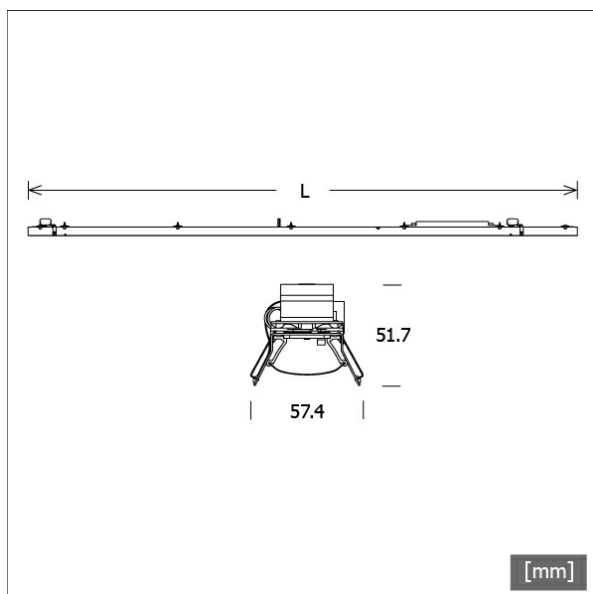
CRI 90
SDCM3

TWL

TWPI



Colours	Article no.	EAN
	668049	4043544797063



[mm]

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

20.7 W

Luminaire luminous flux

max. 3530 lm

System efficiency

170.53 lm/W

Module efficiency

205.00 lm/W

UGR class

≤28

Supply voltage

220 - 240 V / 50 - 60 Hz

Protection class

I

Dimensions / Weights

Length

1405 mm

Width

57 mm

Height

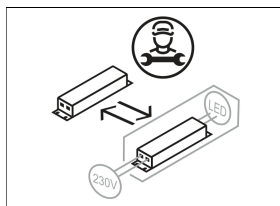
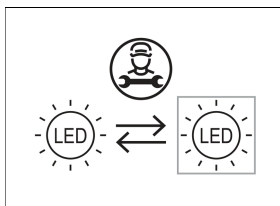
52 mm

Net weight

1.91 kg

Gross weight

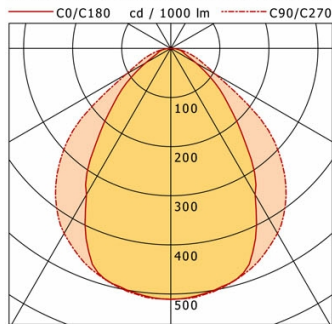
2.01 kg



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Lichtkanal 070 | Light-Insert (APB, 1xLED 21W 840/4000K 3530lm)



	C0	C90	C180	C270
0°	511	511	511	511
15°	491	492	491	492
30°	344	435	344	435
45°	171	317	171	317
60°	59	106	59	106
75°	24	37	24	37
90°	0	0	0	0

cd / 1000 lm

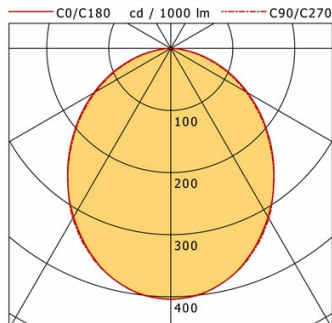
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.61 7.23	200.4
6.0	9.23 14.46	50.1
9.0	13.84 21.69	22.3
12.0	18.46 28.93	12.5
15.0	23.07 36.16	8.0

η	LED
Efficiency	168 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.3
UGR C90/C270	22.6
CIE Flux Codes	63 90 98 100 100
Ra/CRI	>80

LTS

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Lichtkanal 070 | Light-Insert (AOB, 1xLED 21W 840/4000K 3330lm)



	C0	C90	C180	C270
0°	404	404	404	404
15°	380	380	380	380
30°	314	316	314	316
45°	230	228	230	228
60°	144	140	144	140
75°	61	57	61	57
90°	1	1	1	1

cd / 1000 lm

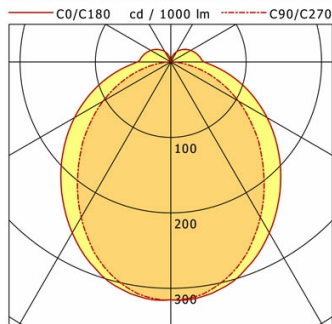
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	7.11 7.01	149.6
6.0	14.22 14.02	37.4
9.0	21.33 21.02	16.6
12.0	28.43 28.03	9.3
15.0	35.54 35.04	6.0

η	LED
Efficiency	159 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.6
UGR C90/C270	24.3
CIE Flux Codes	51 81 96 100 100
Ra/CRI	>80

LTS

LK-L 070.10840.1405.1/DALI

Lichtkanal 070 | Light-Insert (AOV-002/005.2, 1xLED 21W 840/4000K 3150lm)



	C0	C90	C180	C270
0°	315	315	315	315
30°	262	238	262	238
60°	148	103	148	103
90°	44	1	44	1
120°	31	0	31	0
150°	16	1	16	1
180°	1	1	1	1

cd / 1000 lm

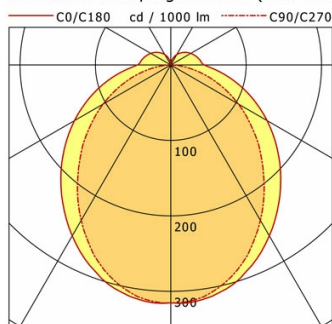
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	9.35 6.59	110.3
6.0	18.70 13.18	27.6
9.0	28.05 19.77	12.3
12.0	37.40 26.36	6.9
15.0	46.75 32.95	4.4

η	LED
Efficiency	150 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.1
UGR C90/C270	22.7
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

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Lichtkanal 070 | Light-Insert (AOV-001/003/005.1, 1xLED 21W 840/4000K 3150lm)



	C0	C90	C180	C270
0°	315	315	315	315
30°	262	238	262	238
60°	148	103	148	103
90°	44	1	44	1
120°	31	0	31	0
150°	16	1	16	1
180°	1	1	1	1

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	9.35 6.59	110.3
6.0	18.70 13.18	27.6
9.0	28.05 19.77	12.3
12.0	37.40 26.36	6.9
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Efficiency	150 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
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UGR	X=4H, Y=8H
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UGR C0/C180	26.1
UGR C90/C270	22.7
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

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