

LK-L 070.11840.1125.1/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

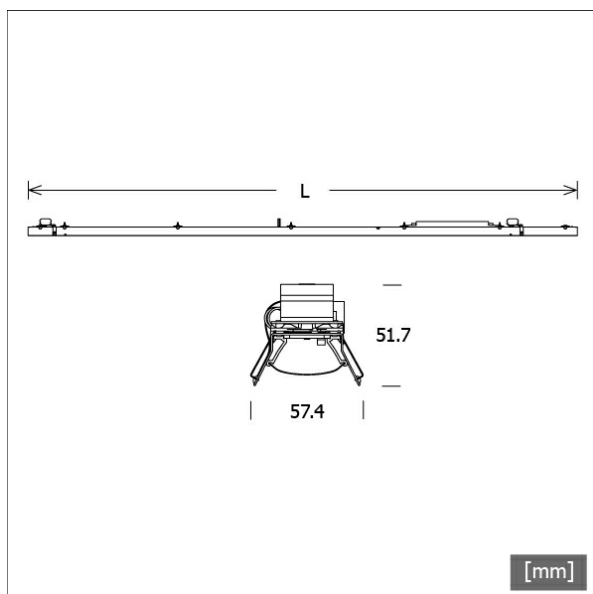
CRI 90
SDCM3

TWL

TWPI



Colours	Article no.	EAN
	668070	4043544797278



[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

25.5 W

Luminaire luminous flux

max. 4350 lm

System efficiency

170.58 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

1125 mm

Width

57 mm

Height

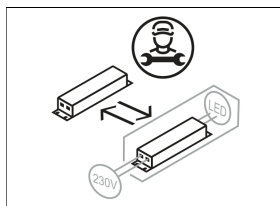
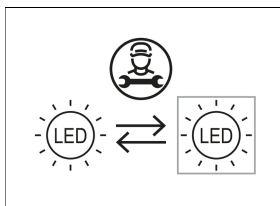
52 mm

Net weight

1.57 kg

Gross weight

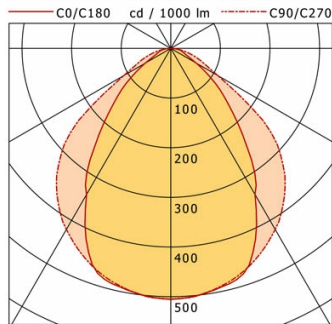
1.65 kg



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Lichtkanal 070 | Light-Insert (APB, 1xLED 26W 840/4000K 4350lm)



	C0	C90	C180	C270
0°	505	505	505	505
15°	487	482	487	482
30°	340	421	340	421
45°	170	316	170	316
60°	59	109	59	109
75°	24	38	24	38
90°	1	0	1	0

cd / 1000 lm

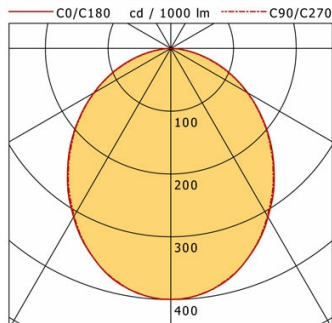
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.63 7.36	244.3
6.0	9.25 14.72	61.1
9.0	13.88 22.08	27.1
12.0	18.51 29.44	15.3
15.0	23.14 36.80	9.8

η	LED
Efficiency	167 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	26 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.8
UGR C90/C270	24.2
CIE Flux Codes	63 89 98 100 100
Ra/CRI	>80

LTS

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Lichtkanal 070 | Light-Insert (AOB, 1xLED 26W 840/4000K 4110lm)



	C0	C90	C180	C270
0°	400	400	400	400
15°	376	375	376	375
30°	310	308	310	308
45°	228	226	228	226
60°	142	141	142	141
75°	61	58	61	58
90°	1	1	1	1

cd / 1000 lm

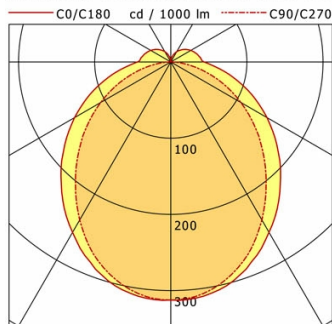
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	7.15 7.08	182.5
6.0	14.31 14.16	45.6
9.0	21.46 21.25	20.3
12.0	28.62 28.33	11.4
15.0	35.77 35.41	7.3

η	LED
Efficiency	158 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	26 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.1
UGR C90/C270	26.0
CIE Flux Codes	50 81 96 100 100
Ra/CRI	>80

LTS

LK-L 070.11840.1125.1/DALI

Lichtkanal 070 | Light-Insert (AOV-002/005.2, 1xLED 26W 840/4000K 3870lm)



	C0	C90	C180	C270
0°	312	312	312	312
30°	258	240	258	240
60°	146	106	146	106
90°	44	1	44	1
120°	30	0	30	0
150°	16	1	16	1
180°	1	1	1	1

cd / 1000 lm

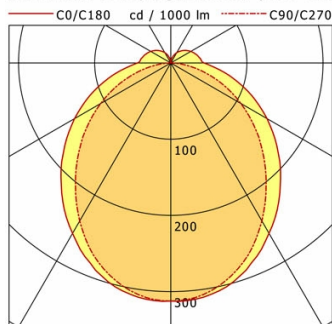
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	9.32 6.81	134.3
6.0	18.63 13.62	33.6
9.0	27.95 20.44	14.9
12.0	37.26 27.25	8.4
15.0	46.58 34.06	5.4

η	LED
Efficiency	149 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	26 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.5
UGR C90/C270	24.4
CIE Flux Codes	45 75 92 89 100
Ra/CRI	>80

LTS

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Lichtkanal 070 | Light-Insert (AOV-001/003/005.1, 1xLED 26W 840/4000K 3870lm)



	C0	C90	C180	C270
0°	312	312	312	312
30°	258	240	258	240
60°	146	106	146	106
90°	44	1	44	1
120°	30	0	30	0
150°	16	1	16	1
180°	1	1	1	1

cd / 1000 lm

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9.0	27.95 20.44	14.9
12.0	37.26 27.25	8.4
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UGR C0/C180	27.5
UGR C90/C270	24.4
CIE Flux Codes	45 75 92 89 100
Ra/CRI	>80

LTS