

LK-L 070.11840.2245.1/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

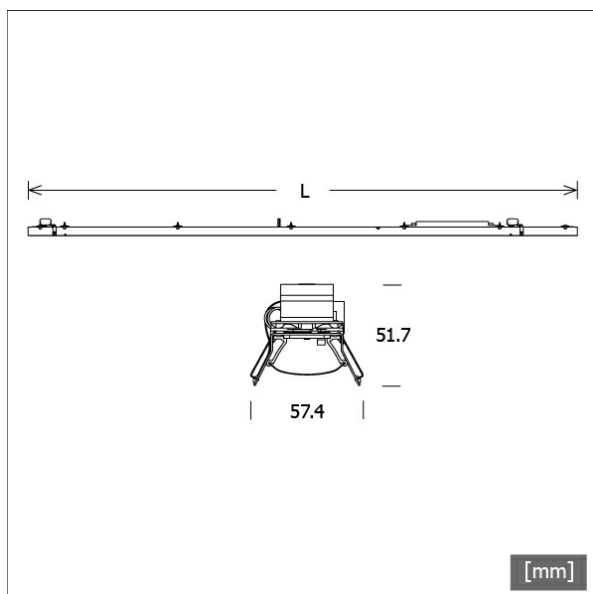
CRI 90
SDCM3

TWL

TWPI



Colours	Article no.	EAN
	668073	4043544797308



[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

51.0 W

Luminaire luminous flux

max. 8690 lm

System efficiency

170.39 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

2245 mm

Width

57 mm

Height

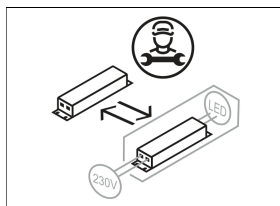
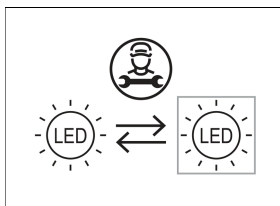
52 mm

Net weight

2.87 kg

Gross weight

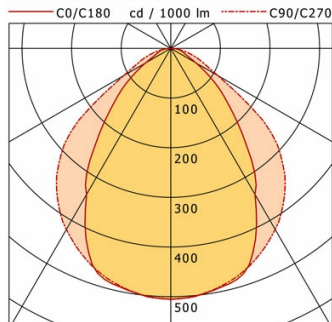
3.02 kg



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Lichtkanal 070 | Light-Insert (APB, 1xLED 51W 840/4000K 8690lm)



	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

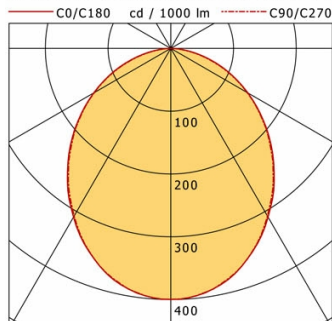
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.63 7.36	488.0
6.0	9.25 14.72	122.0
9.0	13.88 22.08	54.2
12.0	18.51 29.44	30.5
15.0	23.14 36.80	19.5

η	LED
Efficiency	170 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	51 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.8
UGR C90/C270	24.3
CIE Flux Codes	63 89 98 100 100
Ra/CRI	>80

LTS

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Lichtkanal 070 | Light-Insert (AOB, 1xLED 51W 840/4000K 8210lm)



	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

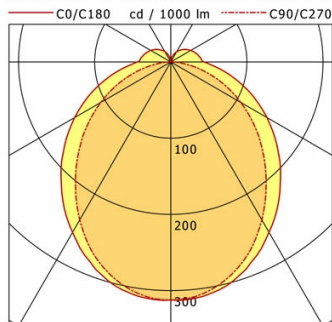
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	7.15 7.08	364.6
6.0	14.31 14.16	91.1
9.0	21.46 21.25	40.5
12.0	28.62 28.33	22.8
15.0	35.77 35.41	14.6

η	LED
Efficiency	161 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	51 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

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Lichtkanal 070 | Light-Insert (AOV-002/005.2, 1xLED 51W 840/4000K 7730lm)



	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

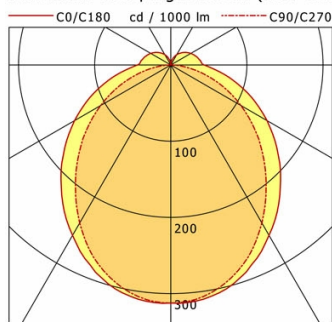
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	9.32 6.81	268.3
6.0	18.63 13.62	67.1
9.0	27.95 20.44	29.8
12.0	37.26 27.25	16.8
15.0	46.58 34.06	10.7

η	LED
Efficiency	152 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	51 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 51W 840/4000K 7730lm)



	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	268.3
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UGR C0/C180	27.5
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CIE Flux Codes	45 75 92 89 100
Ra/CRI	>80

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