

LK-L 070.11830.0705.1/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

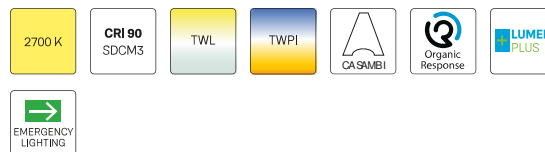
Notes

The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at $\Delta T = 10$ Kelvin.

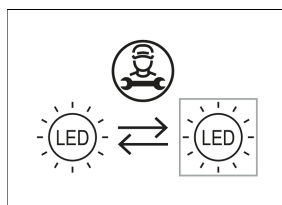
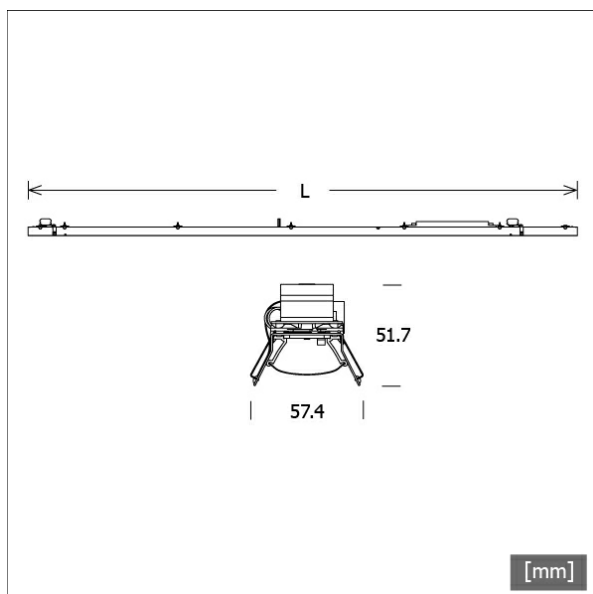
Standard options

4000 K

Special options



Colours	Article no.	EAN
	668060	4043544797179



Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	15.9 W
Luminaire luminous flux	max. 2570 lm
System efficiency	161.63 lm/W
Module efficiency	193.00 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

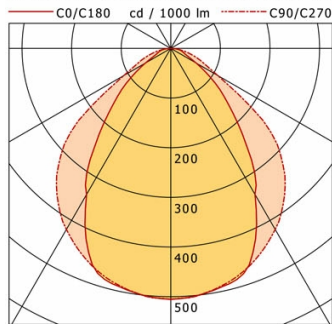
Dimensions / Weights

Length	705 mm
Width	57 mm
Height	52 mm
Net weight	1.14 kg
Gross weight	1.20 kg

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Lichtkanal 070 | Light-Insert (APB, 1xLED 16W 830/3000K 2570lm)



	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

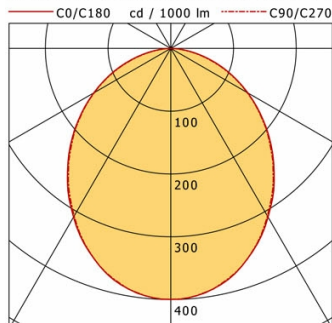
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.63 7.36	144.3
6.0	9.25 14.72	36.1
9.0	13.88 22.08	16.0
12.0	18.51 29.44	9.0
15.0	23.14 36.80	5.8

η	LED
Efficiency	161 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.6
UGR C90/C270	24.0
CIE Flux Codes	63 89 98 100 100
Ra/CRI	>80

LTS

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Lichtkanal 070 | Light-Insert (AOB, 1xLED 16W 830/3000K 2430lm)



	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

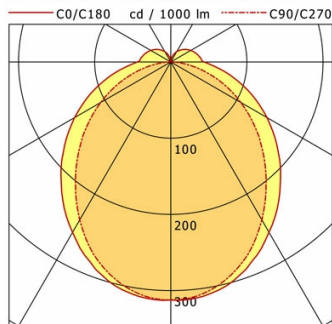
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	7.15 7.08	107.9
6.0	14.31 14.16	27.0
9.0	21.46 21.25	12.0
12.0	28.62 28.33	6.7
15.0	35.77 35.41	4.3

η	LED
Efficiency	152 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.9
UGR C90/C270	25.8
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 16W 830/3000K 2290lm)



	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

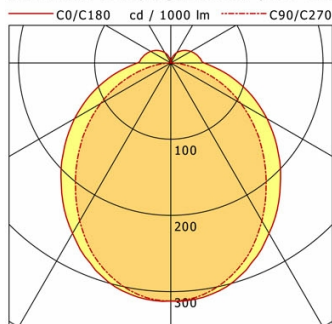
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	9.32 6.81	79.5
6.0	18.63 13.62	19.9
9.0	27.95 20.44	8.8
12.0	37.26 27.25	5.0
15.0	46.58 34.06	3.2

η	LED
Efficiency	143 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.3
UGR C90/C270	24.2
CIE Flux Codes	45 75 92 89 100
Ra/CRI	>80

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Lichtkanal 070 | Light-Insert (AOV-001/003/005.1, 1xLED 16W 830/3000K 2290lm)



	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	8.8
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UGR C90/C270	24.2
CIE Flux Codes	45 75 92 89 100
Ra/CRI	>80

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