

LK-L 060.11830.2245.1/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.

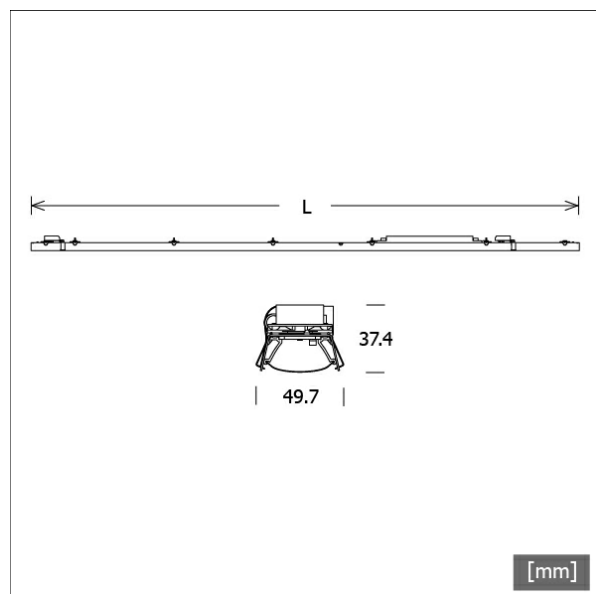
Standard options

4000 K

Colours	Article no.	EAN
	667915	4043544795625

Special options

2700 K

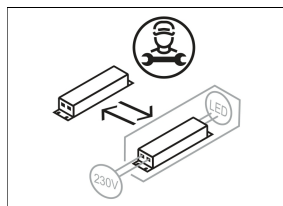
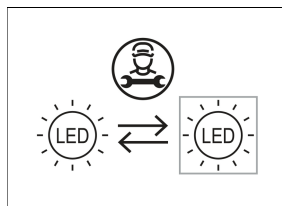
CRI 90
SDCM3

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	51.0 W
Luminaire luminous flux	max. 8040 lm
System efficiency	149.80 lm/W
Module efficiency	193.00 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

Dimensions / Weights

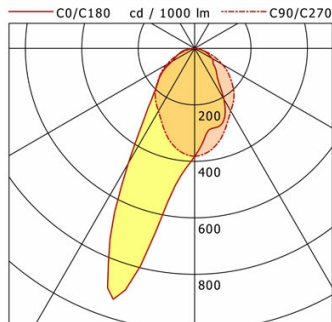
Length	2245 mm
Width	50 mm
Height	37 mm
Net weight	1.65 kg
Gross weight	1.74 kg



LK-L 060.11830.2245.1/DALI

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Lichtkanal 060 | Light-Insert (Wallwasher nanoOptix, 1xLED 51W 830/3000K 7640lm)



	C0	C90	C180	C270
0°	383	383	383	383
15°	290	339	848	339
30°	208	256	471	256
45°	107	193	191	193
60°	71	114	93	114
75°	33	37	50	37
90°	0	0	0	0
cd / 1000 lm				

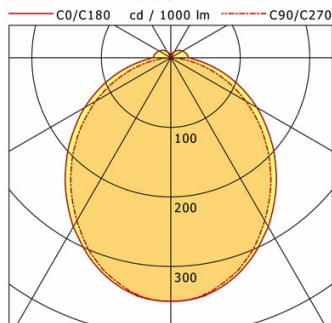
LDC unsuitable for cone representation.
Asymmetric LDC.

η	LED
Efficiency	150 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	51 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.3
UGR C90/C270	25.9
CIE Flux Codes	58 85 97 100 100
Ra/CRI	>80

LTS

LK-L 060.11830.2245.1/DALI

Lichtkanal 060 | Light-Insert (AOV-002/005.2, 1xLED 51W 830/3000K 7580lm)



	C0	C90	C180	C270
0°	350	350	350	350
15°	332	328	332	328
30°	281	271	281	271
45°	213	200	213	200
60°	143	125	143	125
75°	75	51	75	51
90°	26	1	26	1
cd / 1000 lm				

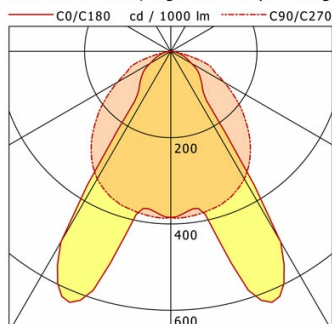
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	7.98 7.14	294.9
6.0	15.95 14.28	73.7
9.0	23.93 21.42	32.8
12.0	31.91 28.56	18.4
15.0	39.88 35.70	11.8

η	LED
Efficiency	149 lm/W
Direct/Indirect	↓ 93% / ↑ 7%
System Power	51 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.3
UGR C90/C270	25.6
CIE Flux Codes	48 78 94 93 100
Ra/CRI	>80

LTS

LK-L 060.11830.2245.1/DALI

Lichtkanal 060 | Light-Insert (Batwing/Wide Beam nanoOptix, 1xLED 51W 830/3000K 8040lm)



	C0	C90	C180	C270
0°	385	385	385	385
15°	476	377	476	377
30°	510	342	510	342
45°	101	253	101	253
60°	55	143	55	143
75°	21	53	21	53
90°	0	0	0	0
cd / 1000 lm				

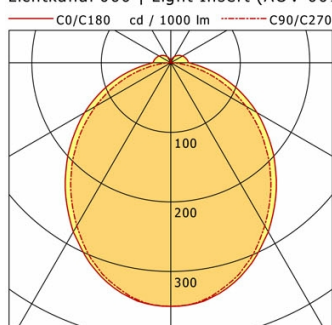
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.86 4.29	343.8
6.0	7.73 8.59	85.9
9.0	11.59 12.88	38.2
12.0	15.46 17.18	21.5
15.0	19.32 21.47	13.8

η	LED
Efficiency	158 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	51 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.6
UGR C90/C270	27.0
CIE Flux Codes	64 90 98 100 100
Ra/CRI	>80

LTS

LK-L 060.11830.2245.1/DALI

Lichtkanal 060 | Light-Insert (AOV-001/003/005.1, 1xLED 51W 830/3000K 7580lm)



	C0	C90	C180	C270
0°	350	350	350	350
15°	332	328	332	328
30°	281	271	281	271
45°	213	200	213	200
60°	143	125	143	125
75°	75	51	75	51
90°	26	1	26	1
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	7.98 7.14	294.9
6.0	15.95 14.28	73.7
9.0	23.93 21.42	32.8
12.0	31.91 28.56	18.4
15.0	39.88 35.70	11.8

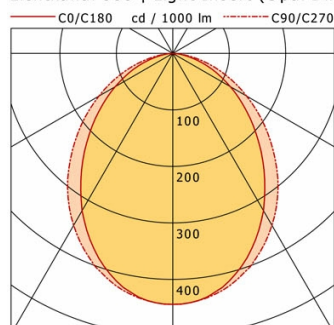
η	LED
Efficiency	149 lm/W
Direct/Indirect	↓ 93% / ↑ 7%
System Power	51 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.3
UGR C90/C270	25.6
CIE Flux Codes	48 78 94 93 100
Ra/CRI	>80

LTS

LK-L 060.11830.2245.1/DALI

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Lichtkanal 060 | Light-Insert (Opal Diffuse, 1xLED 51W 830/3000K 7640lm)



	C0	C90	C180	C270
0°	444	444	444	444
15°	410	419	410	419
30°	322	351	322	351
45°	212	254	212	254
60°	118	151	118	151
75°	42	59	42	59
90°	0	0	0	0
cd / 1000 lm				

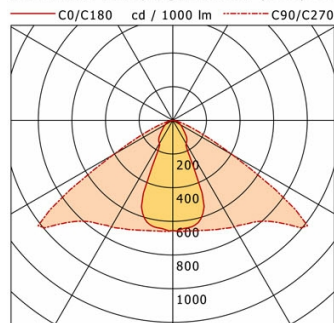
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	5.73	7.06	377.0
6.0	11.45	14.13	94.2
9.0	17.18	21.19	41.9
12.0	22.91	28.25	23.6
15.0	28.63	35.31	15.1

η	LED
Efficiency	150 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	51 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.0
UGR C90/C270	26.2
CIE Flux Codes	54 84 97 100 100
Ra/CRI	>80

LTS

LK-L 060.11830.2245.1/DALI

Lichtkanal 060 | Light-Insert (Deep Beam nanoOptix, 1xLED 51W 830/3000K 7960lm)



	C0	C90	C180	C270
0°	655	655	655	655
15°	618	677	618	677
30°	159	732	159	732
45°	98	853	98	853
60°	53	410	53	410
75°	25	45	25	45
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	2.30	9.88	579.1
6.0	4.61	19.76	144.8
9.0	6.91	29.64	64.3
12.0	9.22	39.52	36.2
15.0	11.52	49.40	23.2

η	LED
Efficiency	156 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	51 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.6
UGR C90/C270	25.7
CIE Flux Codes	67 90 98 100 100
Ra/CRI	>80

LTS