

LK-L 045.11840.1685.1/DALI



Description

- light-insert made from sheet steel with integrated LED modules
- no UV and thermal emissions
- almost all strip light lengths can be realised
- 5-pole through-wiring kit included
- curved PMMA diffuser for uniform light distribution
- tool-free snap-in fastening into profile
- 5-pole terminal block, pre-fabricated for 5-pole 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.

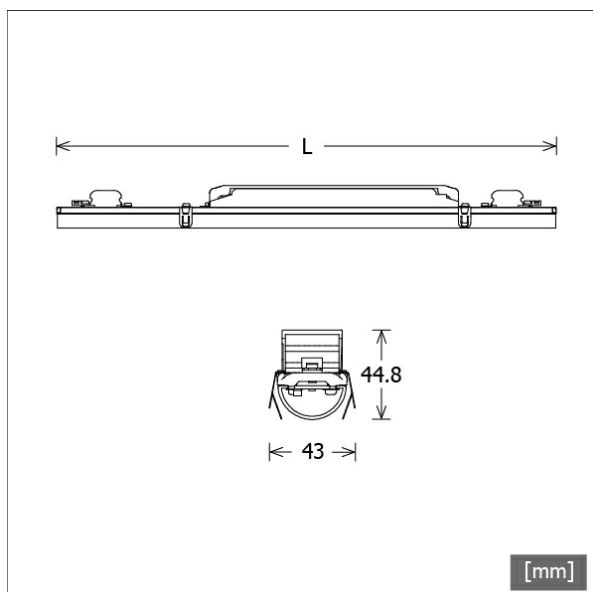
Standard options



Special options



Colours	Article no.	EAN
	669422	4043544810984

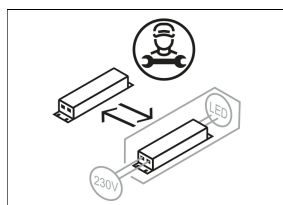
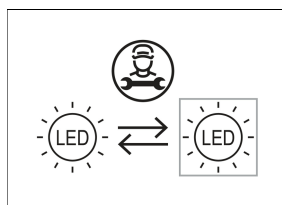


Lighting data / Norms

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	37.8 W
Luminaire luminous flux	max. 5620 lm
System efficiency	140.74 lm/W
Module efficiency	205.00 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

Dimensions / Weights

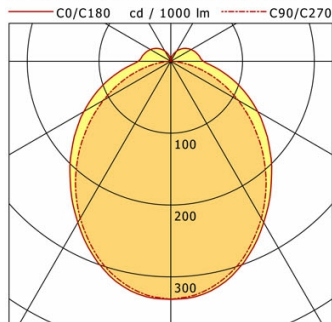
Length	1685 mm
Width	43 mm
Height	44 mm
Net weight	1.57 kg
Gross weight	1.82 kg



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Lichtkanal 045 | Light-Insert (AOV-001/003/005.1, 1xLED 38W 840/4000K 5320lm)



	C0	C90	C180	C270
0°	331	331	331	331
30°	259	252	259	252
60°	140	109	140	109
90°	45	1	45	1
120°	33	0	33	0
150°	16	0	16	0
180°	1	1	1	1

cd / 1000 lm

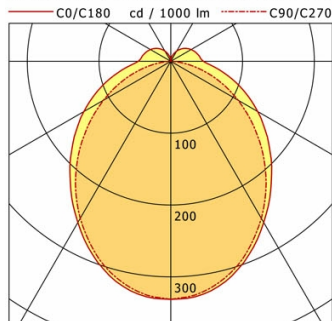
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.04	6.70	195.8
6.0	16.09	13.41	49.0
9.0	24.13	20.11	21.8
12.0	32.18	26.82	12.2
15.0	40.22	33.52	7.8

η	LED
Efficiency	140 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	38 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	28.4
UGR C90/C270	25.1
CIE Flux Codes	47 76 92 89 100
Ra/CRI	>80

LTS

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Lichtkanal 045 | Light-Insert (AOV-002/005.2, 1xLED 38W 840/4000K 5320lm)



	C0	C90	C180	C270
0°	331	331	331	331
30°	259	252	259	252
60°	140	109	140	109
90°	45	1	45	1
120°	33	0	33	0
150°	16	0	16	0
180°	1	1	1	1

cd / 1000 lm

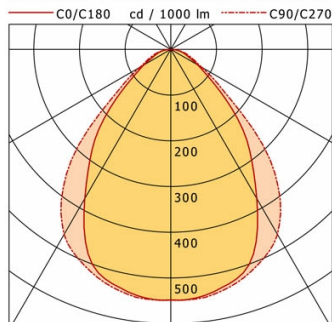
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.04	6.70	195.8
6.0	16.09	13.41	49.0
9.0	24.13	20.11	21.8
12.0	32.18	26.82	12.2
15.0	40.22	33.52	7.8

η	LED
Efficiency	140 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	38 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	28.4
UGR C90/C270	25.1
CIE Flux Codes	47 76 92 89 100
Ra/CRI	>80

LTS

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Lichtkanal 045 | Light-Insert (APB, 1xLED 38W 840/4000K 5390lm)



	C0	C90	C180	C270
0°	548	548	548	548
15°	526	533	526	533
30°	377	468	377	468
45°	198	271	198	271
60°	68	78	68	78
75°	27	33	27	33
90°	1	0	1	0

cd / 1000 lm

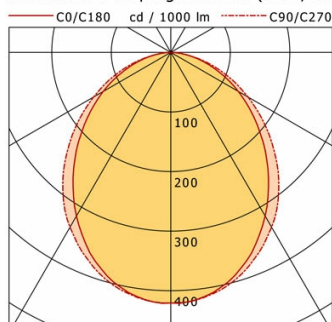
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.78	5.95	328.4
6.0	9.56	11.91	82.1
9.0	14.35	17.86	36.5
12.0	19.13	23.82	20.5
15.0	23.91	29.77	13.1

η	LED
Efficiency	142 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	38 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.9
UGR C90/C270	23.7
CIE Flux Codes	67 91 98 100 100
Ra/CRI	>80

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Lichtkanal 045 | Light-Insert (AOB, 1xLED 38W 840/4000K 5620lm)



	C0	C90	C180	C270
0°	421	421	421	421
15°	394	399	394	399
30°	317	339	317	339
45°	222	250	222	250
60°	131	150	131	150
75°	54	60	54	60
90°	1	0	1	0

cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	6.36	7.37	262.6
6.0	12.73	14.73	65.7
9.0	19.09	22.10	29.2
12.0	25.45	29.47	16.4
15.0	31.82	36.83	10.5

η	LED
Efficiency	148 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	38 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.7
UGR C90/C270	26.9
CIE Flux Codes	52 82 96 100 100
Ra/CRI	>80

LTS