

LK-L 045.10840.1405.1/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.

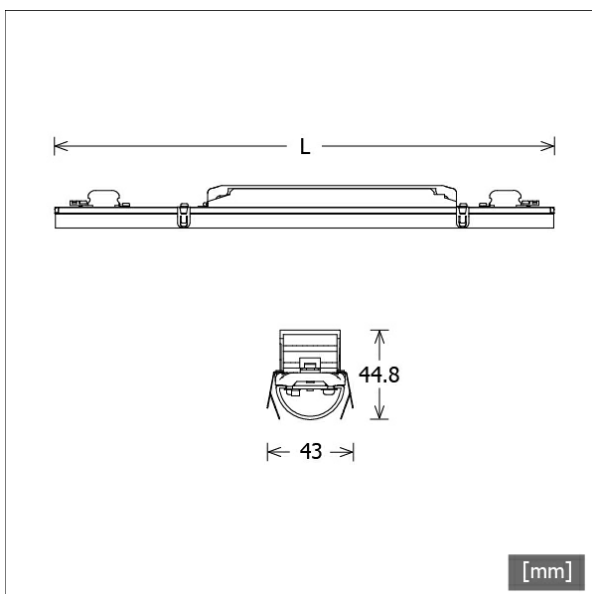
Standard options



Special options



Colours	Article no.	EAN
	669408	4043544810847

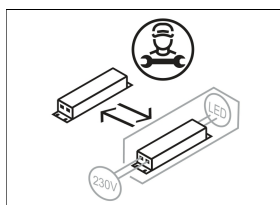
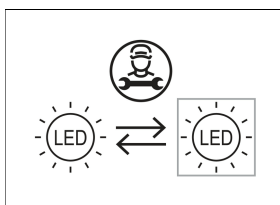


Lighting data / Norms

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	20.5 W
Luminaire luminous flux	max. 3060 lm
System efficiency	140.48 lm/W
Module efficiency	205.00 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

Dimensions / Weights

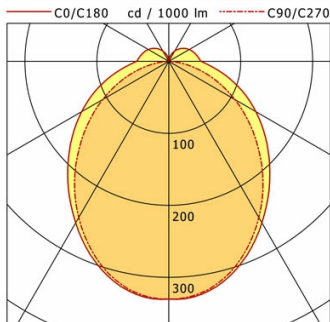
Length	1405 mm
Width	43 mm
Height	44 mm
Net weight	1.43 kg
Gross weight	1.50 kg



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Lichtkanal 045 | Light-Insert (AOV-001/003/005.1, 1xLED 21W 840/4000K 2880lm)



	C0	C90	C180	C270
0°	330	330	330	330
30°	259	251	259	251
60°	140	106	140	106
90°	45	1	45	1
120°	33	0	33	0
150°	16	1	16	1
180°	1	1	1	1

cd / 1000 lm

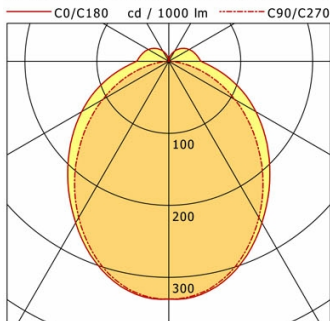
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.04	6.56	105.7
6.0	16.09	13.11	26.4
9.0	24.13	19.67	11.7
12.0	32.18	26.23	6.6
15.0	40.22	32.78	4.2

η	LED
Efficiency	137 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.9
UGR C90/C270	23.6
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 21W 840/4000K 2880lm)



	C0	C90	C180	C270
0°	330	330	330	330
30°	259	251	259	251
60°	140	106	140	106
90°	45	1	45	1
120°	33	0	33	0
150°	16	1	16	1
180°	1	1	1	1

cd / 1000 lm

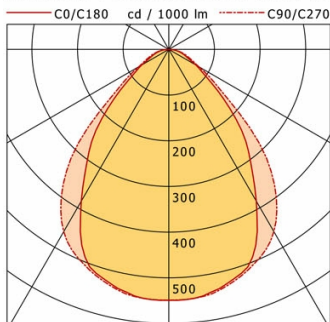
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.04	6.56	105.7
6.0	16.09	13.11	26.4
9.0	24.13	19.67	11.7
12.0	32.18	26.23	6.6
15.0	40.22	32.78	4.2

η	LED
Efficiency	137 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.9
UGR C90/C270	23.6
CIE Flux Codes	47 76 92 89 100
Ra/CRI	>80

LTS

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Lichtkanal 045 | Light-Insert (APB, 1xLED 21W 840/4000K 2960lm)



	C0	C90	C180	C270
0°	549	549	549	549
15°	525	529	525	529
30°	384	461	384	461
45°	199	267	199	267
60°	69	76	69	76
75°	27	32	27	32
90°	0	0	0	0

cd / 1000 lm

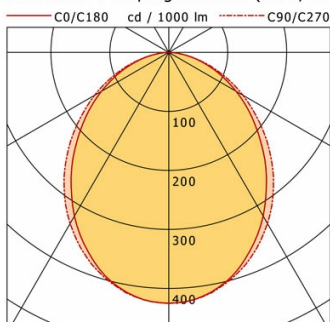
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.83	5.91	180.6
6.0	9.67	11.81	45.1
9.0	14.50	17.72	20.1
12.0	19.34	23.62	11.3
15.0	24.17	29.53	7.2

η	LED
Efficiency	141 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.5
UGR C90/C270	22.1
CIE Flux Codes	67 91 98 100 100
Ra/CRI	>80

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Lichtkanal 045 | Light-Insert (AOB, 1xLED 21W 840/4000K 3060lm)



	C0	C90	C180	C270
0°	425	425	425	425
15°	397	400	397	400
30°	320	335	320	335
45°	223	244	223	244
60°	132	146	132	146
75°	54	57	54	57
90°	1	0	1	0

cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	6.35	7.06	144.6
6.0	12.71	14.13	36.1
9.0	19.06	21.19	16.1
12.0	25.41	28.26	9.0
15.0	31.76	35.32	5.8

η	LED
Efficiency	146 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.2
UGR C90/C270	25.3
CIE Flux Codes	52 82 96 100 100
Ra/CRI	>80

LTS