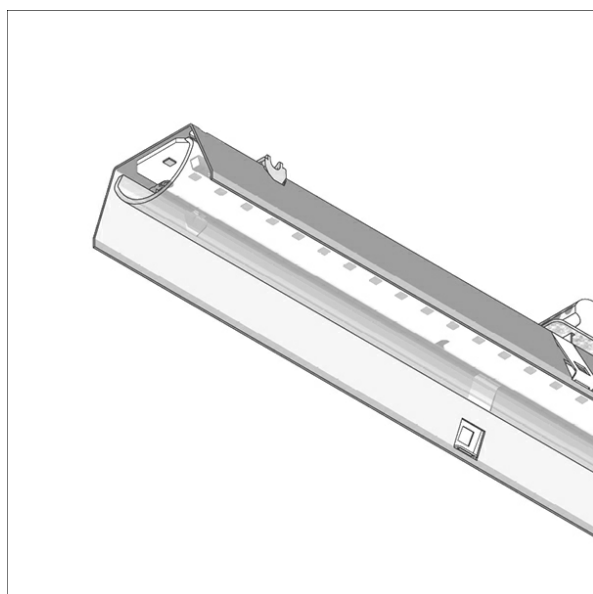
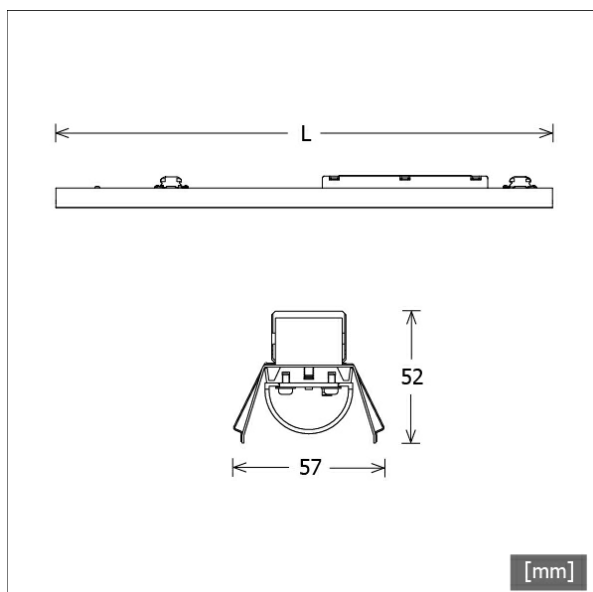


LK-LED 070.0740.1405.1/DALI/NO



Colours	Article no.	EAN
	664836	4043544739728



Description

- light-insert with integrated LED strips
- reflector made from white-painted aluminium
- no UV and thermal emissions
- almost all strip light lengths can be realised
- 5-pole through-wiring kit included
- emergency lighting LED Driver with DALI interface and automatic test function
- non-maintained operation
- DALI interface for controlled testing and monitoring (if the DALI bus is not connected, the unit will operate in self-test mode)
- rated duration: 3 h
- automatic shutdown of the output if LED load is out of range
- constant power output: 2.5 W
- luminous flux: 260 lm
- patented addressing function (EZ easy addressing)
- electronic multi-level charge system
- connection options
- batteries: high-temperature cells (NiMH batteries 4 Ah / 3.6 V)
- typ. power factor at 230 V / 50 Hz: 0.45
- time to light: < 0.25 s from detection of emergency event
- overvoltage protection :320 V for 1 h
- ambient temperature: -20...+45 °C
- lifetime: 4 years with maximum 2 discharges every year
- mains voltage changeover threshold according to EN 60598-2-22
- curved PMMA diffuser for uniform light distribution
- tool-free snapping into Lichtkanal profile
- 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

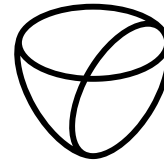


Special options



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	15.6 W
Luminaire luminous flux	max. 1700 lm
System efficiency	100.00 lm/W
Module efficiency	164.17 lm/W
UGR class	≤25
Supply voltage	220 - 240 V / 50 - 60 Hz



LK-LED 070.0740.1405.1/DALI/NO

Protection class

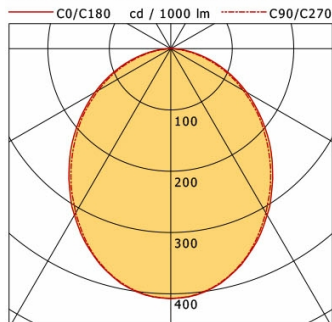
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Dimensions / Weights

Length	1405 mm
Width	57 mm
Height	52 mm
Net weight	2.28 kg
Gross weight	2.40 kg

LK-LED 070.0740.1405.1/DALI/NO

Lichtkanal 070 - Light-Insert (AOB, 1xLED 16W 840/4000K 1560lm)



	C0	C90	C180	C270
0°	408	408	408	408
15°	381	381	381	381
30°	314	310	314	310
45°	229	223	229	223
60°	143	136	143	136
75°	62	55	62	55
90°	1	0	1	0

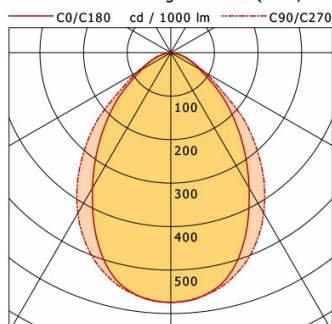
cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
3.0	C0-C180 Plane	C90-C270 Plane	70.7
6.0	13.96 13.44		17.7
9.0	20.94 20.15		7.9
12.0	27.92 26.87		4.4
15.0	34.90 33.59		2.8

η	LED
Efficiency	98 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.0
UGR C90/C270	21.7
CIE Flux Codes	51 81 96 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (APB, 1xLED 16W 840/4000K 1460lm)



	C0	C90	C180	C270
0°	575	575	575	575
15°	526	538	526	538
30°	359	426	359	426
45°	197	258	197	258
60°	76	89	76	89
75°	26	28	26	28
90°	0	0	0	0

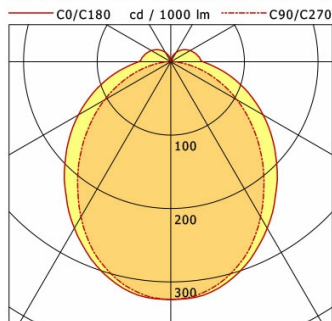
cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
3.0	C0-C180 Plane	C90-C270 Plane	93.2
6.0	8.82 10.99		23.3
9.0	13.23 16.48		10.4
12.0	17.64 21.97		5.8
15.0	22.05 27.46		3.7

η	LED
Efficiency	91 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.6
UGR C90/C270	18.4
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 16W 840/4000K 1700lm)



	C0	C90	C180	C270
0°	324	324	324	324
30°	262	244	262	244
60°	145	104	145	104
90°	43	2	43	2
120°	30	1	30	1
150°	15	1	15	1
180°	0	0	0	0

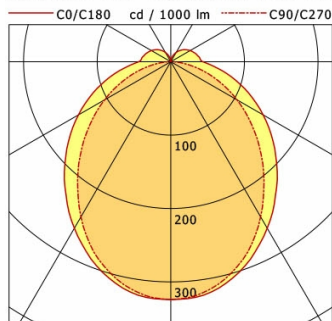
cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
3.0	C0-C180 Plane	C90-C270 Plane	61.2
6.0	8.79 6.49		15.3
9.0	17.57 12.98		6.8
12.0	26.36 19.48		3.8
15.0	35.15 25.97		2.4

η	LED
Efficiency	106 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.8
UGR C90/C270	20.6
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 16W 840/4000K 1700lm)



	C0	C90	C180	C270
0°	324	324	324	324
30°	262	244	262	244
60°	145	104	145	104
90°	43	2	43	2
120°	30	1	30	1
150°	15	1	15	1
180°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
3.0	C0-C180 Plane	C90-C270 Plane	61.2
6.0	8.79 6.49		15.3
9.0	17.57 12.98		6.8
12.0	26.36 19.48		3.8
15.0	35.15 25.97		2.4

η	LED
Efficiency	106 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.8
UGR C90/C270	20.6
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS