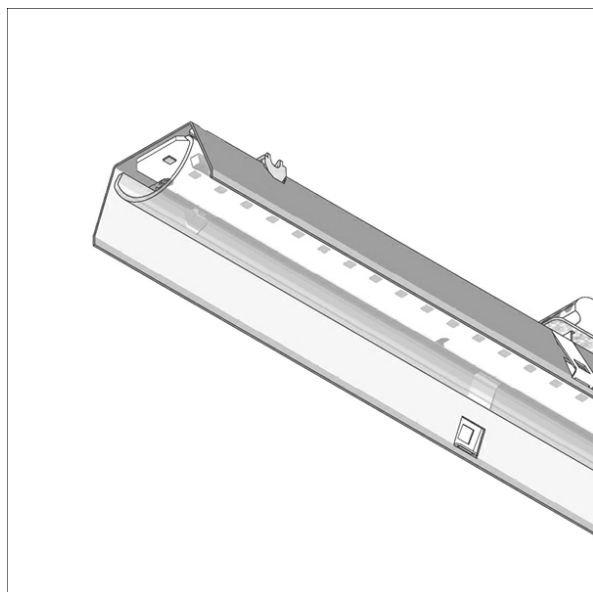
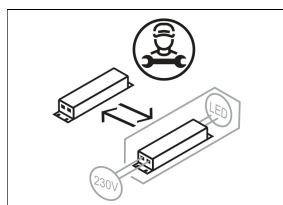
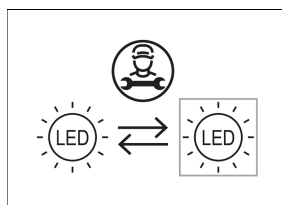
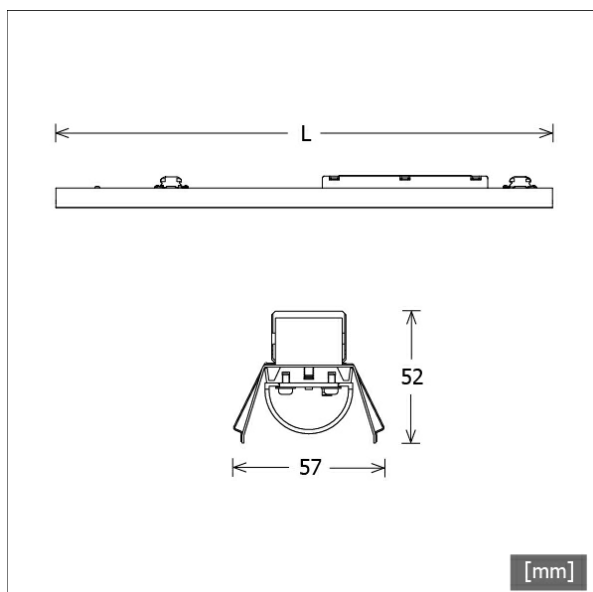


LK-LED 070.1040.2245.1/DALI/NO



Colours	Article no.	EAN
	664888	4043544740243



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



Lighting data / Norms

Lamps	LED linear / CRI 80 / 4000 K
EPREL light sources	833878 833873
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	36.5 W
System power	max. 4030 lm
Luminaire luminous flux	94.79 lm/W
System efficiency	187.99 lm/W
Module efficiency	≤25
UGR class	220 - 240 V / 50 - 60 Hz
Supply voltage	I
Protection class	

Dimensions / Weights

LK-LED 070.1040.2245.1/DALI/NO

Length

2245 mm

Width

57 mm

Height

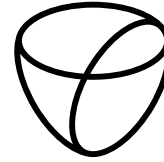
52 mm

Net weight

3.43 kg

Gross weight

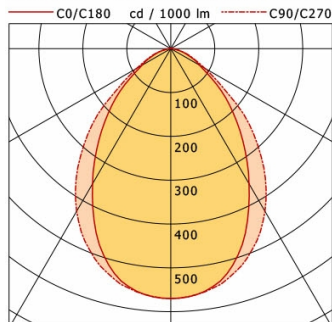
3.61 kg



LTS
LOVE TO SHINE

LK-LED 070.1040.2245.1/DALI/NO

Lichtkanal 070 - Light-Insert (APB, 1xLED 37W 840/4000K 3460lm)



	C0	C90	C180	C270
0°	570	570	570	570
15°	521	535	521	535
30°	356	428	356	428
45°	195	260	195	260
60°	76	89	76	89
75°	26	28	26	28
90°	0	0	0	0

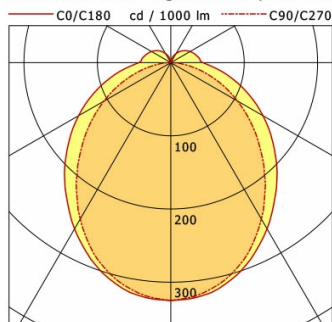
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.40 5.57	219.1
6.0	8.80 11.14	54.8
9.0	13.20 16.72	24.3
12.0	17.60 22.29	13.7
15.0	22.00 27.86	8.8

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	37 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.9
UGR C90/C270	19.9
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-002/005.2, 1xLED 37W 840/4000K 4030lm)



	C0	C90	C180	C270
0°	325	325	325	325
30°	262	247	262	247
60°	145	105	145	105
90°	43	1	43	1
120°	30	1	30	1
150°	14	1	14	1
180°	0	0	0	0

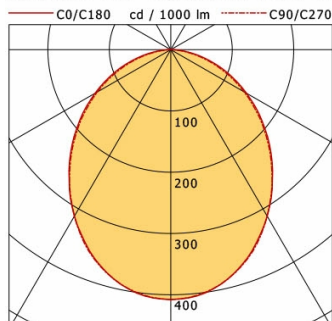
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.76 6.55	145.6
6.0	17.52 13.10	36.4
9.0	26.28 19.65	16.2
12.0	35.03 26.21	9.1
15.0	43.79 32.76	5.8

η	LED
Efficiency	109 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	37 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.2
UGR C90/C270	21.9
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOB, 1xLED 37W 840/4000K 3730lm)



	C0	C90	C180	C270
0°	408	408	408	408
15°	382	382	382	382
30°	314	314	314	314
45°	229	226	229	226
60°	142	138	142	138
75°	61	56	61	56
90°	1	0	1	0

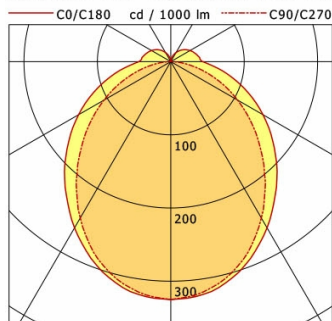
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.97 6.84	169.0
6.0	13.95 13.68	42.3
9.0	20.92 20.53	18.8
12.0	27.89 27.37	10.6
15.0	34.87 34.21	6.8

η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	37 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.4
UGR C90/C270	23.0
CIE Flux Codes	51 81 96 100 100
Ra/CRI	>80

LTS

Lichtkanal 070 - Light-Insert (AOV-001/003/005.1, 1xLED 37W 840/4000K 4030lm)



	C0	C90	C180	C270
0°	325	325	325	325
30°	262	247	262	247
60°	145	105	145	105
90°	43	1	43	1
120°	30	1	30	1
150°	14	1	14	1
180°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	8.76 6.55	145.6
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9.0	26.28 19.65	16.2
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LTS