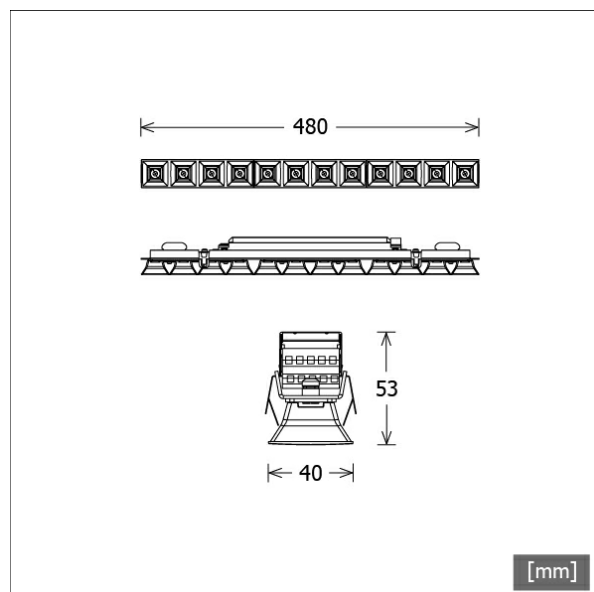


LK-CH 045.122.830.50.2/DALI



Colours	Article no.	EAN
black	665605	4043544749017



Description

- light-insert for Lichtkanal 045 profiles with 12 integrated lenses for glare-free workplace lighting (UGR <= 19)
- no UV and thermal emissions
- 5-pole through-wiring kit included
- integrated high-tech lenses made from acrylic glass with black louvre optics for high luminous efficiency and glare-free lighting
- support plate made from aluminium
- 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

Not suitable in combination with protruding acrylic glass diffusers LK-Z 045 AOV.... The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at dT = 10 Kelvin.

Standard options



Special options



Lighting data / Norms

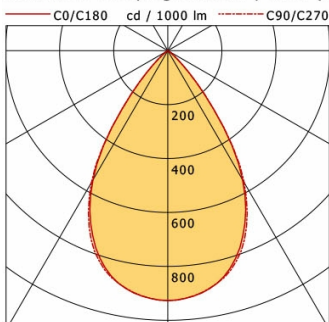
Lamps	LED linear / CRI 80 / 3000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	21.2 W
Luminaire luminous flux	2180 lm
System efficiency	102.83 lm/W
Module efficiency	191.00 lm/W
UGR class	≤19
Beam angle	50°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

Dimensions / Weights

Length	480 mm
Width	40 mm
Height	53 mm
Net weight	0.50 kg
Gross weight	0.74 kg

LK-CH 045.122.830.50.2/DALI

Lichtkanal 045 | Light-Insert | Choc (1xLED 21W 830/3000K 2180lm)



	C0	C90	C180	C270
0°	927	927	927	927
15°	851	857	851	857
30°	553	565	553	565
45°	92	91	92	91
60°	1	1	1	1
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	3.88	3.92	224.5
6.0	7.76	7.83	56.1
9.0	11.64	11.75	24.9
12.0	15.52	15.66	14.0
15.0	19.41	19.58	9.0

η	LED
Efficiency	104 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.8
UGR C90/C270	18.7
CIE Flux Codes	90 100 100 100 100
Ra/CRI	>80

LTS