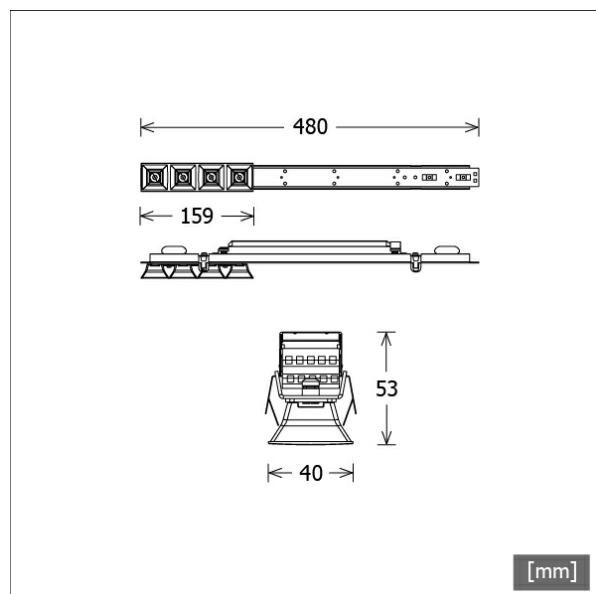


LK-CH 045.040.830.50.2/DALI



Colours	Article no.	EAN
black	665606	4043544749024



Description

- light-insert for Lichtkanal 045 profiles with four 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

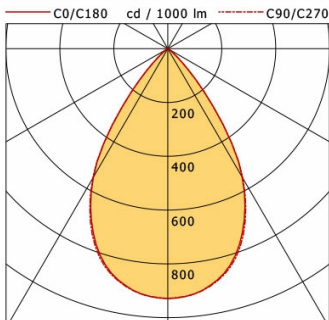
Lamps	LED linear / CRI 80 / 3000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	9.1 W
Luminaire luminous flux	730 lm
System efficiency	80.21 lm/W
Module efficiency	191.00 lm/W
UGR class	≤19
Beam angle	50°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I

Dimensions / Weights

Length	480 mm
Width	40 mm
Height	53 mm
Net weight	0.42 kg
Gross weight	0.66 kg

LK-CH 045.040.830.50.2/DALI

Lichtkanal 045 | Light-Insert | Choc (1xLED 9W 830/3000K 730lm)



	C0	C90	C180	C270
0°	929	929	929	929
15°	850	855	850	855
30°	551	556	551	556
45°	91	90	91	90
60°	2	1	2	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	3.88	75.3
6.0	7.75	7.76	18.8
9.0	11.63	11.65	8.4
12.0	15.50	15.53	4.7
15.0	19.38	19.41	3.0

η	LED
Efficiency	81 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	9 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.9
UGR C90/C270	18.8
CIE Flux Codes	90 100 100 100 100
Ra/CRI	>80

LTS