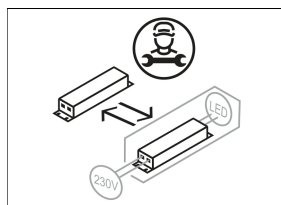
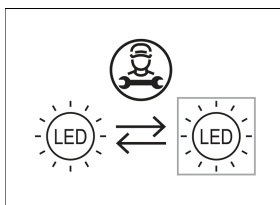
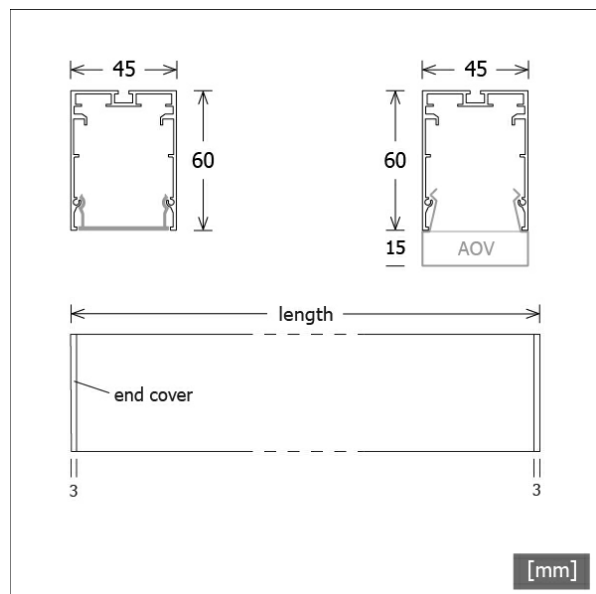


Mounted

ML-A 045.1030.08 AOB



Colours	Article no.	EAN
silver anodised	663003	4043544720689
black	663004	4043544720696
white	663005	4043544720702



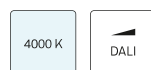
Description

- linear luminaire for direct ceiling or suspended mounting
- symmetrical light distribution and illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- wire-rope suspensions (with feed-in) to be ordered separately
- housing made from aluminium
- end covers made from die-cast zinc
- opal flush acrylic glass diffuser with profile guide and tool-free snap-in technology
- direct ceiling mounting via screw fixing
- 5-pole terminal block
- ballast (LED converter) integrated

Notes

The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at $dT = 10$ Kelvin. IP40 only applies in combination with mounted acrylic glass diffuser mounted acrylic glass profile.

Standard options



Special options



Lighting data / Norms

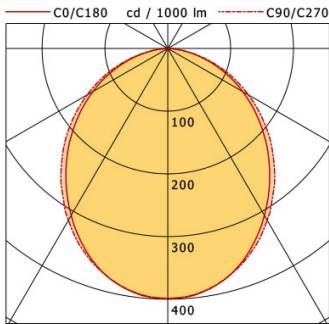
Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	833899 833894
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	19.3 W
Luminaire luminous flux	1890 lm
System efficiency	97.92 lm/W
Module efficiency	178.58 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP40

Dimensions / Weights

Length	855 mm
Width	45 mm
Height	60 mm
Net weight	1.39 kg
Gross weight	1.48 kg

ML-A 045.1030.08 AOB

Monoline 045 | Surface-Mounted & Pendant (1xLED 19W 830/3000K 1890lm)



	C0	C90	C180	C270
0°	399	399	399	399
15°	376	376	376	376
30°	307	316	307	316
45°	224	236	224	236
60°	138	149	138	149
75°	57	61	57	61
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
3.0	6.95	7.53	83.7
6.0	13.90	15.05	20.9
9.0	20.85	22.58	9.3
12.0	27.80	30.11	5.2
15.0	34.75	37.63	3.3

η	LED
Efficiency	99 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	19 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.6
UGR C90/C270	26.0
CIE Flux Codes	50 81 96 100 100
Ra/CRI	>80

LTS

Accessories



LK-Z045.103.03
wire-rope kit with feed-in
(length: 3000 mm, 3-core)



LK-Z045.103.05
wire-rope kit with feed-in
(length: 5000 mm, 3-core)



LK-Z045.104.03
wire-rope kit without feed-in
(length: 3000 mm)



LK-Z045.104.05
wire-rope kit without feed-in
(length: 5000 mm)