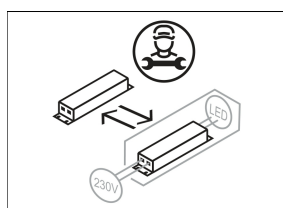
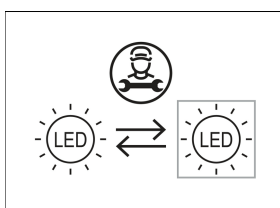
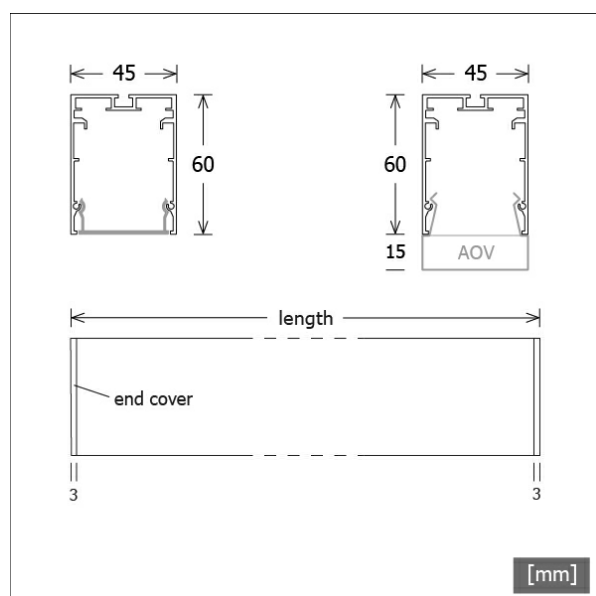


ML-A 045.11830.3 AOV/DALI



Colours	Article no.	EAN
silver anodised	669961	4043544816313
black	669962	4043544816320
white	669963	4043544816337



Description

- linear luminaire for ceiling or wall mounting
- symmetrical light distribution and illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- housing made from aluminium
- end covers made from polycarbonate
- opal protruding acrylic glass diffuser (15 mm) with profile guide and tool-free snap-in technology
- direct ceiling or wall mounting via screw fixing
- 5-pole terminal block
- 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. 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
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	31.5 W
Luminaire luminous flux	4180 lm
System efficiency	132.69 lm/W
Module efficiency	193.00 lm/W
UGR class	≤25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP40

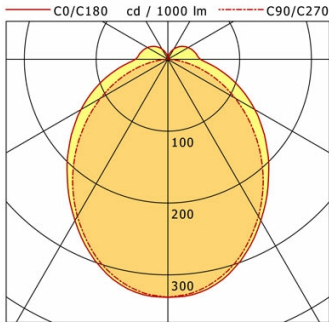
Dimensions / Weights

Length	1416 mm
Width	45 mm
Height	75 mm
Net weight	2.24 kg
Gross weight	2.39 kg

ML-A 045.11830.3 AOV/DALI

ML-A 045.11830.3 AOV/DALI

Monoline 045 | Surface-Mounted (1xLED 32W 830/3000K 4180lm)



	C0	C90	C180	C270
0°	331	331	331	331
30°	259	252	259	252
60°	140	109	140	109
90°	45	1	45	1
120°	33	0	33	0
150°	16	0	16	0
180°	1	1	1	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.04	6.70	153.9
6.0	16.09	13.41	38.5
9.0	24.13	20.11	17.1
12.0	32.18	26.82	9.6
15.0	40.22	33.52	6.2

η	LED
Efficiency	131 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	32 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.1
UGR C90/C270	23.6
CIE Flux Codes	47 76 92 89 100
Ra/CRI	>80

LTS

Accessories



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-A SENSOR
Organic Response sensor for surface mounting