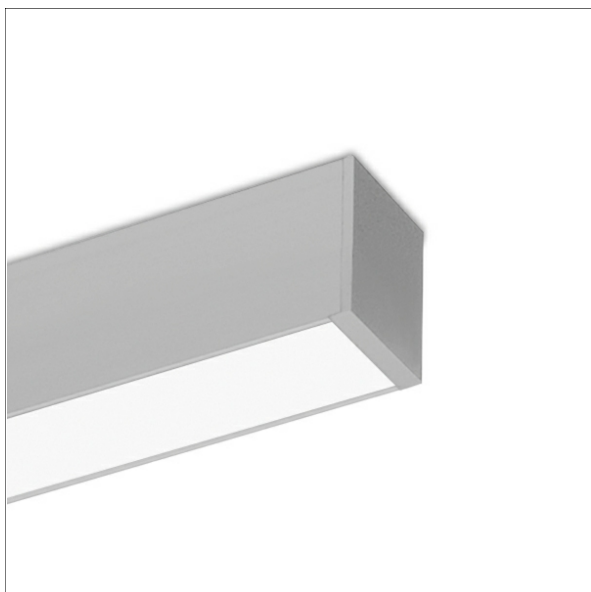
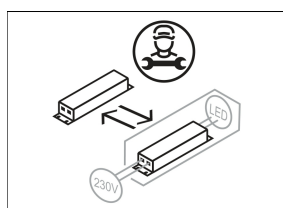
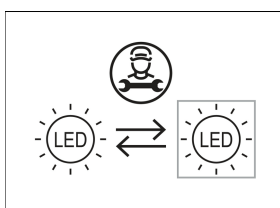
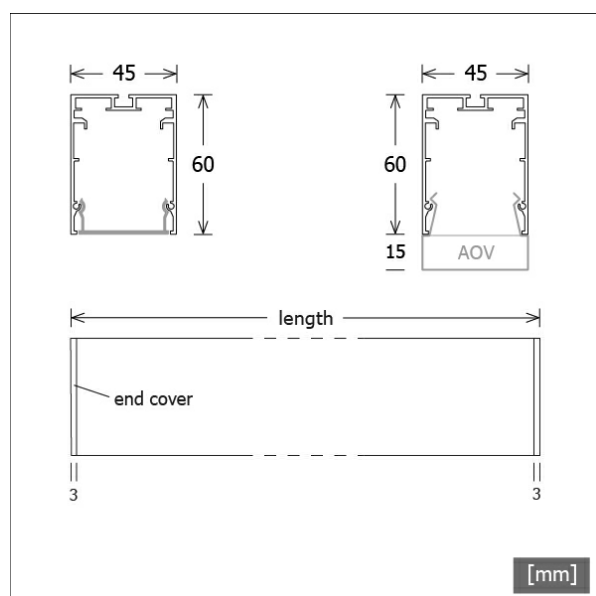


ML-A 045.10830.2 AOB/DALI



Colours	Article no.	EAN
silver anodised	669904	4043544815743
black	669905	4043544815750
white	669906	4043544815767



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 flush acrylic glass diffuser 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 $dT = 10$ 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
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	16.4 W
Luminaire luminous flux	2310 lm
System efficiency	140.85 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

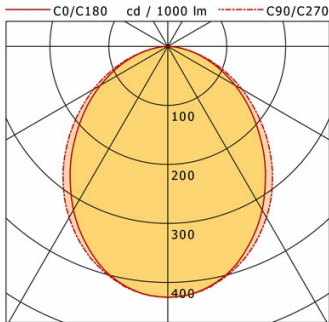
Dimensions / Weights

Length	1136 mm
Width	45 mm
Height	60 mm
Net weight	1.77 kg
Gross weight	1.89 kg

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Monoline 045 | Surface-Mounted (1xLED 16W 830/3000K 2310lm)



	C0	C90	C180	C270
0°	425	425	425	425
15°	397	400	397	400
30°	320	335	320	335
45°	223	244	223	244
60°	132	146	132	146
75°	54	57	54	57
90°	1	0	1	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	6.35	7.06	109.2
6.0	12.71	14.13	27.3
9.0	19.06	21.19	12.1
12.0	25.41	28.26	6.8
15.0	31.76	35.32	4.4

η	LED
Efficiency	144 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.0
UGR C90/C270	25.1
CIE Flux Codes	52 82 96 100 100
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