

ML-A 045.10840.2 AOV/DALI



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



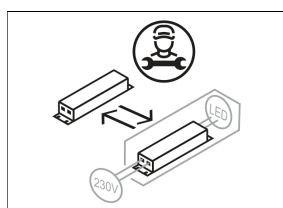
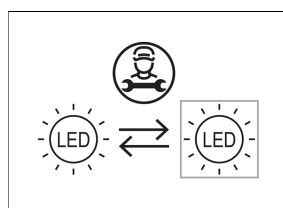
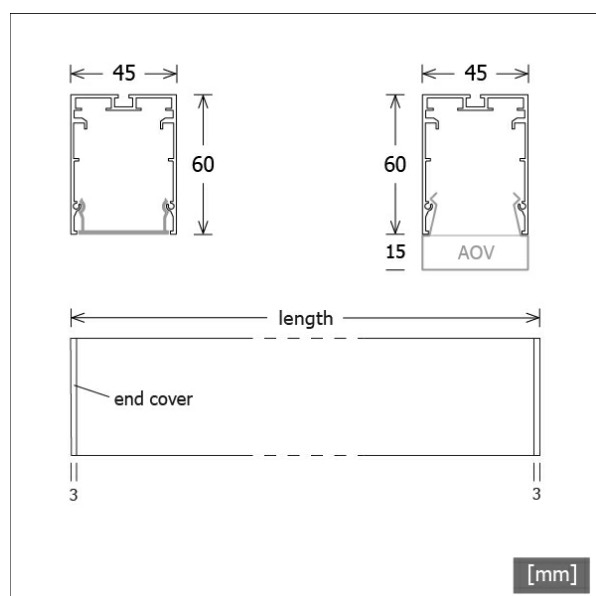
Lighting data / Norms

Lamps	LED linear / CRI 80 / 4000 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	205.00 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	75 mm
Net weight	1.87 kg
Gross weight	1.99 kg

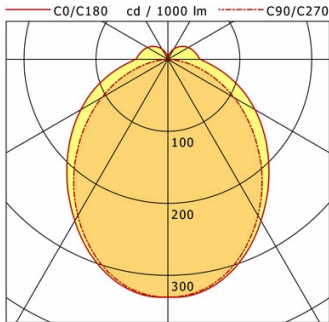
Colours	Article no.	EAN
silver anodised	669916	4043544815866
black	669917	4043544815873
white	669918	4043544815880



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Monoline 045 | Surface-Mounted (1xLED 16W 840/4000K 2310lm)



	C0	C90	C180	C270
0°	330	330	330	330
30°	259	251	259	251
60°	140	106	140	106
90°	45	1	45	1
120°	33	0	33	0
150°	16	1	16	1
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	6.56	84.7
6.0	16.09	13.11	21.2
9.0	24.13	19.67	9.4
12.0	32.18	26.23	5.3
15.0	40.22	32.78	3.4

η	LED
Efficiency	144 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.8
UGR C90/C270	22.3
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