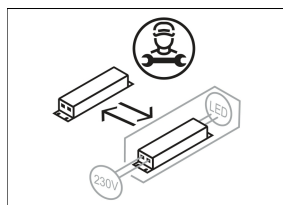
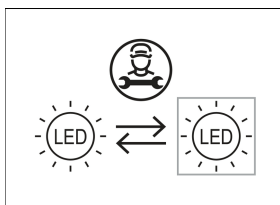
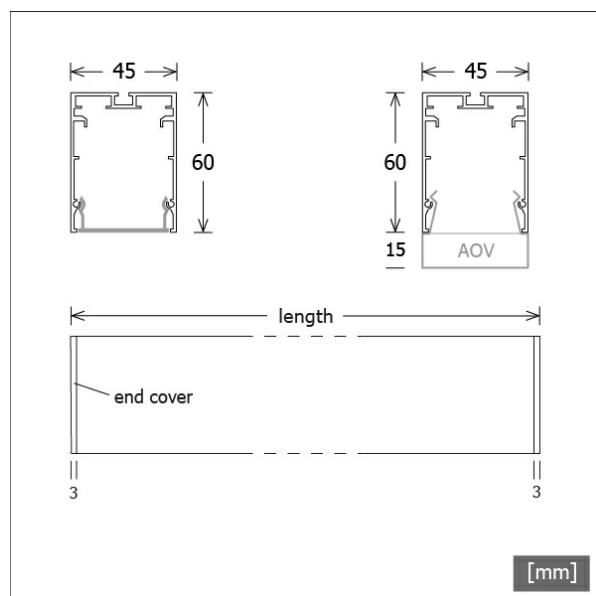


ML-A 045.11840.3 AOV/DALI



Colours	Article no.	EAN
silver anodised	669970	4043544816405
black	669971	4043544816412
white	669972	4043544816429



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	31.5 W
Luminaire luminous flux	4430 lm
System efficiency	140.63 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

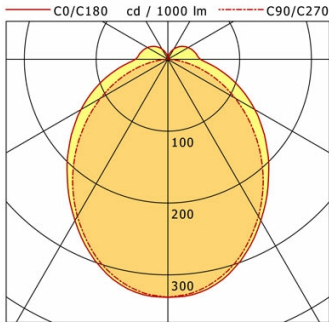
Dimensions / Weights

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

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Monoline 045 | Surface-Mounted (1xLED 32W 840/4000K 4430lm)



	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	163.1
6.0	16.09	13.41	40.8
9.0	24.13	20.11	18.1
12.0	32.18	26.82	10.2
15.0	40.22	33.52	6.5

η	LED
Efficiency	138 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	32 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.3
UGR C90/C270	23.8
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