

ML-A 045.0730.14 AOB/DALI



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 DALI, dimmable) integrated

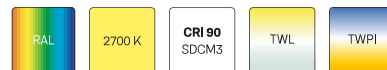
Notes

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



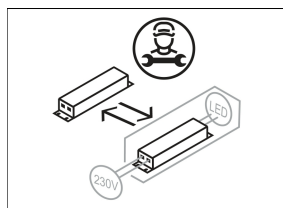
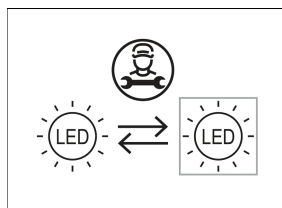
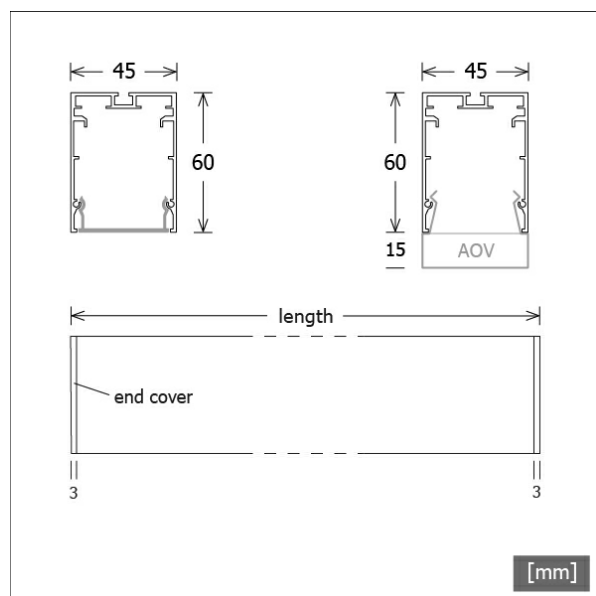
Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	833899 833894
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	20.4 W
Luminaire luminous flux	2010 lm
System efficiency	98.52 lm/W
Module efficiency	178.58 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	60 mm
Net weight	2.11 kg
Gross weight	2.25 kg

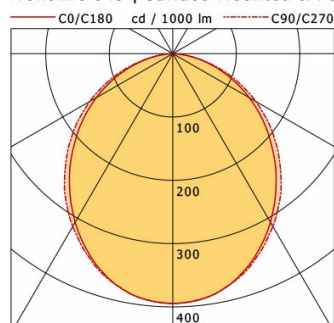
Colours	Article no.	EAN
silver anodised	663114	4043544721792
black	663115	4043544721808
white	663116	4043544721815



Mounted

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Monoline 045 | Surface-Mounted & Pendant (1xLED 20W 830/3000K 2010lm)



	C0	C90	C180	C270
0°	395	395	395	395
15°	372	373	372	373
30°	308	315	308	315
45°	225	238	225	238
60°	139	152	139	152
75°	57	62	57	62
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	7.11 7.74	88.1
6.0	14.21 15.49	22.0
9.0	21.32 23.23	9.8
12.0	28.43 30.98	5.5
15.0	35.53 38.72	3.5

Diagram showing the light distribution pattern for the ML-A 045.0730.14 AOB/DALI luminaire. The diagram includes a circular beam spread with concentric circles representing illuminance levels (100, 200, 300, 400 cd / 1000 lm) and a cross-section view showing the beam angle and the distribution of light across the C0-C180 Plane and C90-C270 Plane.

η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	20 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.1
UGR C90/C270	24.4
CIE Flux Codes	50 81 96 100 100
Ra/CRI	>80

LTS

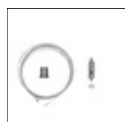
Accessories



LK-Z045.103.03/DIM
 wire-rope kit with feed-in DALI
 (5-core, length: 3000 mm)



LK-Z045.103.05/DIM
 wire-rope kit with feed-in DALI
 (5-core, length: 5000 mm)



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)



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



ZB-OR-P SENSOR/3000
 Organic Response sensor for pendant mounting