LTS
LOVE TO SHINE

ML-A 045.1040.14 AOB/DALI

CE · RoHS · IP40

Colours	Article no.	EAN
silver anodised	663168	4043544722331
black	663169	4043544722348
white	663170	4043544722355

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.
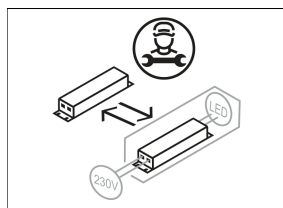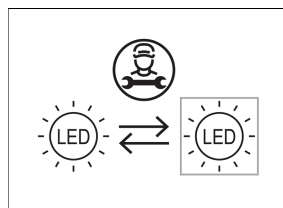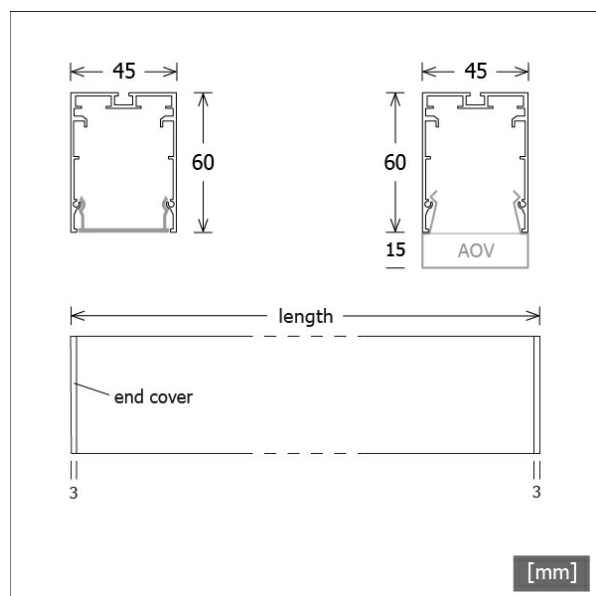
Standard options

3000 K

Special options

RAL · 2700 K · CRI 90 SDCM3 · TWL · TWPI

Lighting data / Norms

Lamps	LED linear / CRI 80 / 4000 K
EPREL light sources	833900|833895
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	32.2 W
Luminaire luminous flux	3270 lm
System efficiency	101.55 lm/W
Module efficiency	187.83 lm/W
UGR class	≤ 28
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

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Monoline 045 | Surface-Mounted & Pendant (1xLED 32W 840/4000K 3270lm)
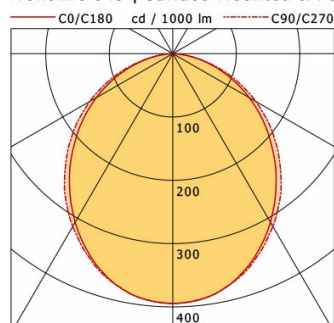
	C0	C90	C180	C270
0°	395	395	395	395
15°	372	373	372	373
30°	308	315	308	315
45°	225	238	225	238
60°	139	152	139	152
75°	57	62	57	62
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		C90-C270 Plane
3.0	7.11 | 7.74	143.4
6.0	14.21 | 15.49	35.8
9.0	21.32 | 23.23	15.9
12.0	28.43 | 30.98	9.0
15.0	35.53 | 38.72	5.7

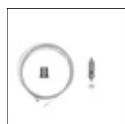| η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	32 W
UGR	X = 4H, Y = 8H
Reflection factors	70/50/20
UGR C0/C180	25.8
UGR C90/C270	26.1
CIE Flux Codes	50 81 96 100 100
Ra/CRI	>80

LTS

Accessories

LK-Z 045.103.03/DIM
wire-rope kit with feed-in DALI
(5-core, length: 3000 mm)

LK-Z 045.103.05/DIM
wire-rope kit with feed-in DALI
(5-core, length: 5000 mm)

LK-Z 045.104.03
wire-rope kit without feed-in
(length: 3000 mm)

LK-Z 045.104.05
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