

ML-A 045.0730.11 APB/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
- prismatic 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



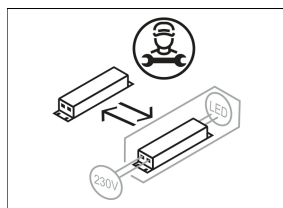
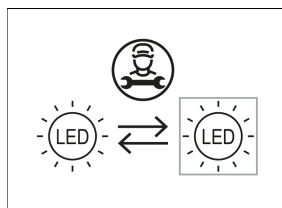
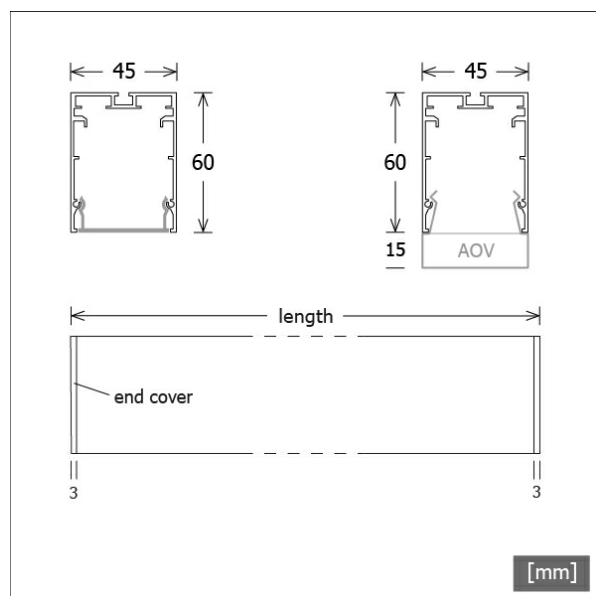
Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	833899
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	16.4 W
Luminaire luminous flux	1500 lm
System efficiency	91.46 lm/W
Module efficiency	179.70 lm/W
UGR class	≤22
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	1.83 kg
Gross weight	1.95 kg

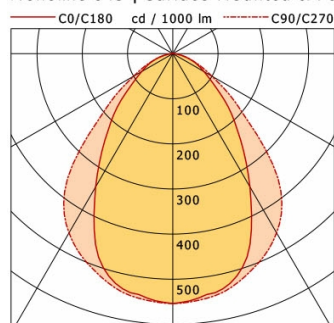
Colours	Article no.	EAN
silver anodised	663054	4043544721198
black	663055	4043544721204
white	663056	4043544721211



Mounted

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Monoline 045 | Surface-Mounted & Pendant (1xLED 16W 830/3000K 1500lm)



	C0	C90	C180	C270
0°	554	554	554	554
15°	519	530	519	530
30°	341	459	341	459
45°	179	277	179	277
60°	80	100	80	100
75°	31	31	31	31
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.21 6.00	92.3
6.0	8.42 12.00	23.1
9.0	12.63 18.00	10.3
12.0	16.84 23.99	5.8
15.0	21.05 29.99	3.7

Diagram showing the light distribution pattern for the ML-A 045.0730.11 APB/DALI luminaire. The diagram illustrates the beam spread and illuminance (lx) for two planes: C0-C180 Plane (yellow) and C90-C270 Plane (orange).

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.3
UGR C90/C270	21.1
CIE Flux Codes	65 90 98 100 100
Ra/CRI	> 80

LTS

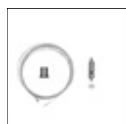
Accessories



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