

Mounted

ML-A 045.1040.08 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



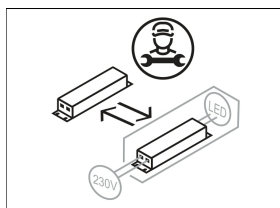
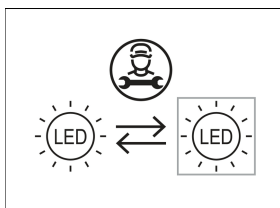
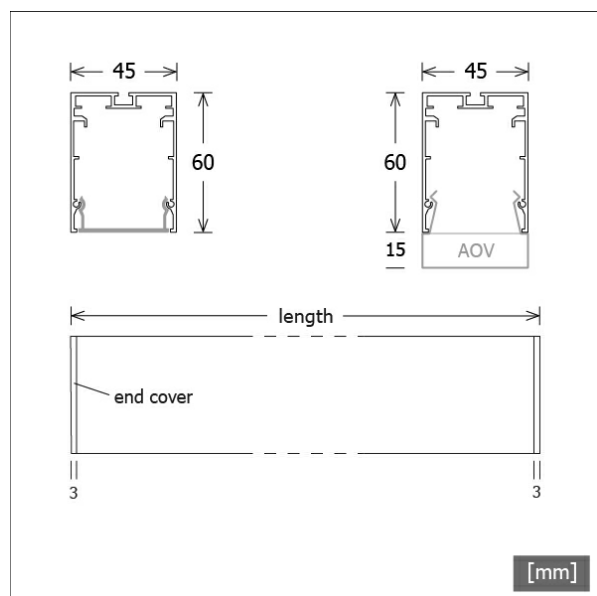
Lighting data / Norms

Lamps	LED linear / CRI 80 / 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	19.3 W
Luminaire luminous flux	1970 lm
System efficiency	102.07 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

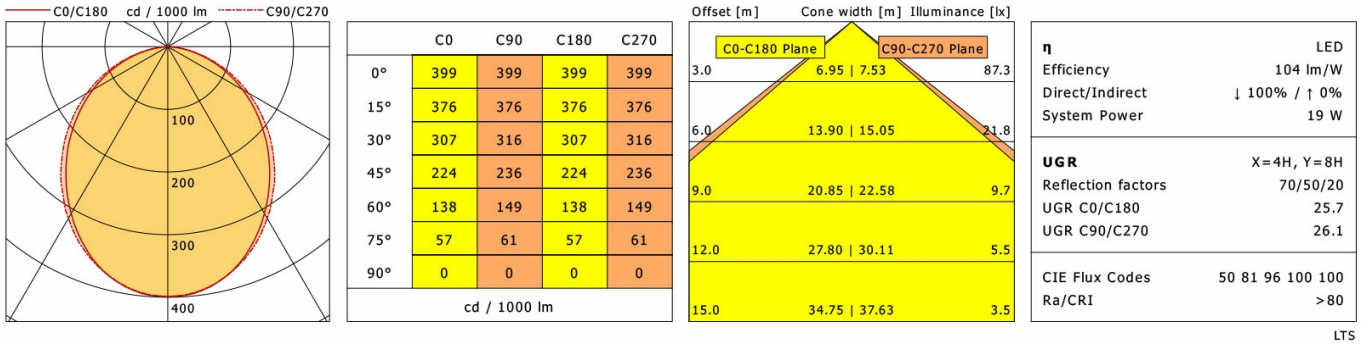
Length	855 mm
Width	45 mm
Height	60 mm
Net weight	1.45 kg
Gross weight	1.51 kg

Colours	Article no.	EAN
silver anodised	663024	4043544720894
black	663025	4043544720900
white	663026	4043544720917



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Monoline 045 | Surface-Mounted & Pendant (1xLED 19W 840/4000K 1970lm)



Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	C0-C180 Plane	C90-C270 Plane	Illuminance [lx]
3.0	6.95	7.53	87.3
6.0	13.90	15.05	21.8
9.0	20.85	22.58	9.7
12.0	27.80	30.11	5.5
15.0	34.75	37.63	3.5

η

Efficiency LED 104 lm/W

Direct/Indirect ↓ 100% / ↑ 0%

System Power 19 W

UGR X=4H, Y=8H

Reflection factors 70/50/20

UGR C0/C180 25.7

UGR C90/C270 26.1

CIE Flux Codes 50 81 96 100 100

Ra/CRI >80

Accessories



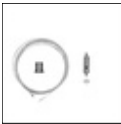
LK-Z045.103.03/DIM
wire-rope kit with feed-in DALI
(5-core, length: 3000 mm)



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