

ML-A 045.1040.14 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



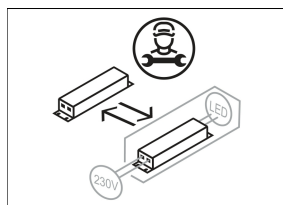
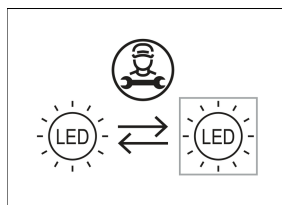
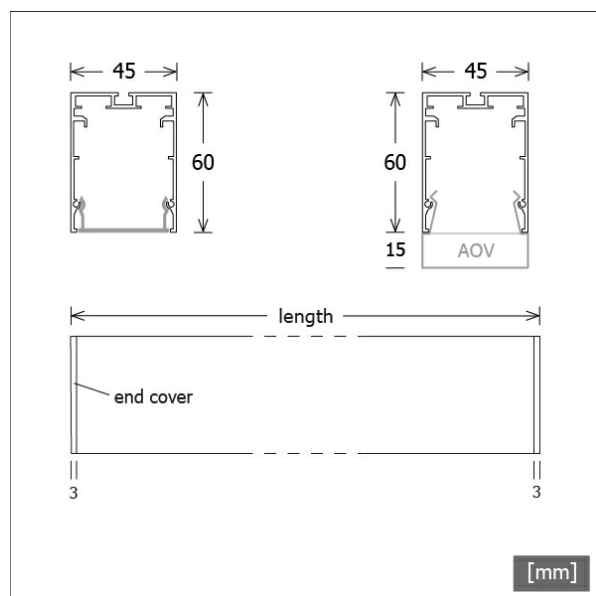
Lighting data / Norms

Lamps	LED linear / CRI 80 / 4000 K
EPREL light sources	833900 833895
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	32.2 W
Luminaire luminous flux	3120 lm
System efficiency	96.89 lm/W
Module efficiency	187.83 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	2.19 kg
Gross weight	2.33 kg

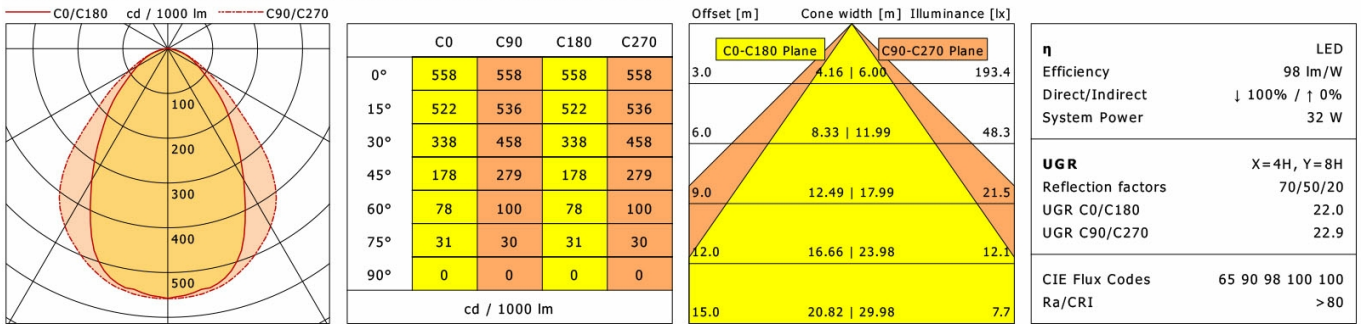
Colours	Article no.	EAN
silver anodised	663180	4043544722454
black	663181	4043544722461
white	663182	4043544722478



Mounted

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Monoline 045 | Surface-Mounted & Pendant (1xLED 32W 840/4000K 3120lm)



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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.16 6.00	193.4
6.0	8.33 11.99	48.3
9.0	12.49 17.99	21.5
12.0	16.66 23.98	12.1
15.0	20.82 29.98	7.7

C0-C180 Plane C90-C270 Plane

η LED 98 lm/W

Efficiency ↓ 100% / ↑ 0%

Direct/Indirect System Power 32 W

UGR X=4H, Y=8H

Reflection factors 70/50/20

UGR C0/C180 22.0

UGR C90/C270 22.9

CIE Flux Codes 65 90 98 100 100

Ra/CRI >80

Accessories



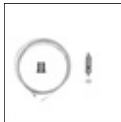
LK-Z045.103.03/DIM
wire-rope kit with feed-in DALI
(5-core, length: 3000 mm)



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