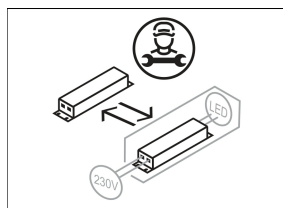
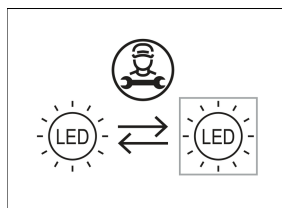
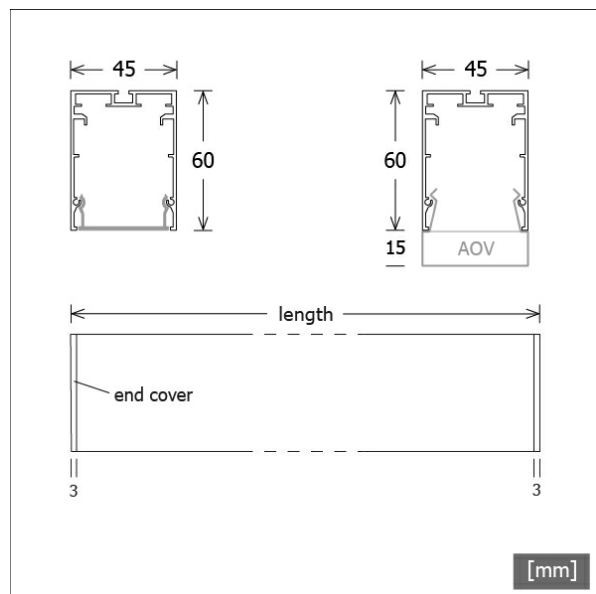


ML-A 045.0740.14 APB/DALI



Colours	Article no.	EAN
silver anodised	663144	4043544722096
black	663145	4043544722102
white	663146	4043544722119



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	20.4 W
Luminaire luminous flux	1950 lm
System efficiency	95.58 lm/W
Module efficiency	187.83 lm/W
UGR class	≤22
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP40

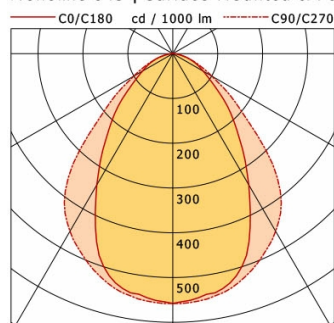
Dimensions / Weights

Length	1416 mm
Width	45 mm
Height	60 mm
Net weight	2.19 kg
Gross weight	2.33 kg

Mounted

ML-A 045.0740.14 APB/DALI

Monoline 045 | Surface-Mounted & Pendant (1xLED 20W 840/4000K 1950lm)



	C0	C90	C180	C270
0°	558	558	558	558
15°	522	536	522	536
30°	338	458	338	458
45°	178	279	178	279
60°	78	100	78	100
75°	31	30	31	30
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.16 6.00	120.9
6.0	8.33 11.99	30.2
9.0	12.49 17.99	13.4
12.0	16.66 23.98	7.6
15.0	20.82 29.98	4.8

η	LED
Efficiency	98 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	20 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.4
UGR C90/C270	21.2
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

LTS

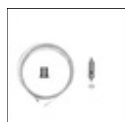
Accessories



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