

ML-P 045.10830.2 APB/DALI



Description

- linear luminaire for pendant mounting
- symmetrical light distribution and illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- housing made from aluminium
- end covers made from polycarbonate
- prismatic flush acrylic glass diffuser with profile guide and tool-free snap-in technology
- wire-rope suspension 2-fold with height-adjustment (length: 3000 mm)
- ballast (LED converter DALI, dimmable) integrated

Notes

The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at $\Delta T = 10$ Kelvin. IP40 only applies in combination with mounted acrylic glass diffuser mounted acrylic glass profile.

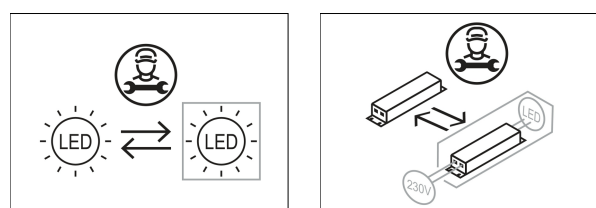
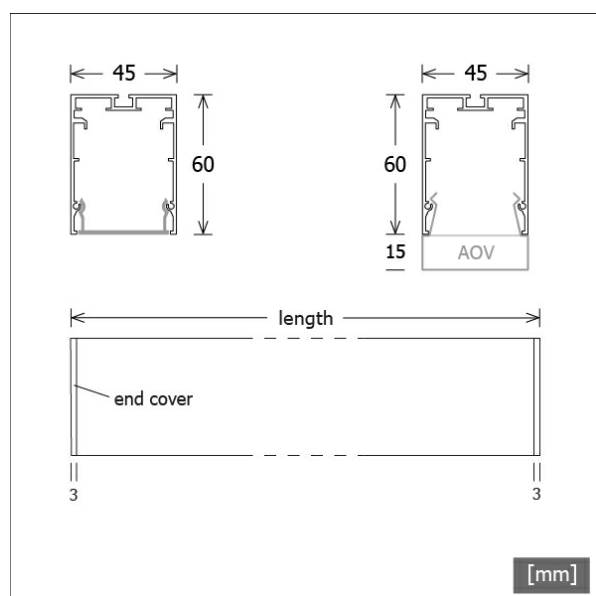
Standard options



Special options



Colours	Article no.	EAN
silver anodised	669983	4043544816528
black	669984	4043544816535
white	669985	4043544816542



Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	16.4 W
Luminaire luminous flux	2240 lm
System efficiency	136.58 lm/W
Module efficiency	193.00 lm/W
UGR class	≤22
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP40

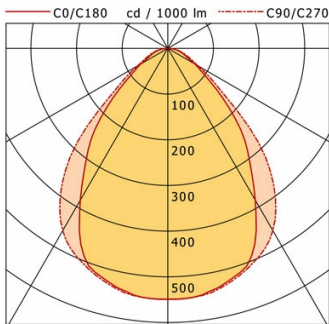
Dimensions / Weights

Length	1136 mm
Width	45 mm
Height	60 mm
Net weight	2.42 kg
Gross weight	2.84 kg

ML-P 045.10830.2 APB/DALI

ML-P 045.10830.2 APB/DALI

Monoline 045 | Pendant (1xLED 16W 830/3000K 2240lm)



	C0	C90	C180	C270
0°	549	549	549	549
15°	525	529	525	529
30°	384	461	384	461
45°	199	267	199	267
60°	69	76	69	76
75°	27	32	27	32
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.83	5.91	136.7
6.0	9.67	11.81	34.2
9.0	14.50	17.72	15.2
12.0	19.34	23.62	8.5
15.0	24.17	29.53	5.5

η	LED
Efficiency	140 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	16 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.3
UGR C90/C270	21.9
CIE Flux Codes	67 91 98 100 100
Ra/CRI	>80

LTS

Accessories



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