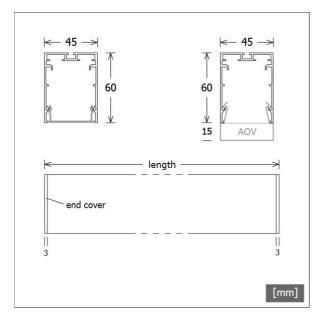
Mounted

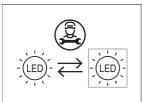


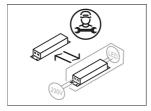
ML-A 045.0740.14 AOB/DALI



Colours	Article no.	EAN
silver anodised	663132	4043544721976
black	663133	4043544721983
white	663134	4043544721990







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 L90 B50 50.000 h L80 B50 100.000 h Lifetime L80 B20 50.000 h System power 20.4 W 2090 lm Luminaire luminous flux 102.45 lm/W System efficiency Module efficiency 187.83 lm/W **UGR class** ≤25

Supply voltage 220 - 240 V / 50 - 60 Hz

Protection class Type of protection IP40

Dimensions / Weights

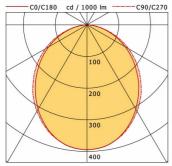
Length 1416 mm Width 45 mm Height 60 mm Net weight 2.11 kg Gross weight 2.25 kg



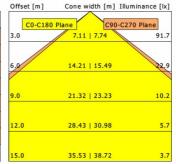


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Monoline 045 | Surface-Mounted & Pendant (1xLED 20W 830/3000K 2090lm)



	C0	C90	C180	C270
0°	395	395	395	395
15°	372	373	372	373
30°	308	315	308	315
45°	225	238	225	238
60°	139	152	139	152
75°	57	62	57	62
90°	0	0	0	0
	co	i / 1000 I	m	



η	LED	
Efficiency	105 lm/W	
Direct/Indirect	↓ 100% / ↑ 0%	
System Power	20 W	
UGR	X=4H, Y=8H	
Reflection factors	70/50/20	
UGR C0/C180	24.3	
UGR C90/C270	24.6	
CIE Flux Codes	50 81 96 100 100	
Ra/CRI	>80	

LTS

Accessories



LK-Z 045.103.03/DIM wire-rope kit with feed-in DALI (5-core, length: 3000 mm)



LK-Z 045.103.05/DIM wire-rope kit with feed-in DALI (5-core, length: 5000 mm)



LK-Z 045.104.03 wire-rope kit without feed-in (length: 3000 mm)



LK-Z 045.104.05 wire-rope kit without feed-in (length: 5000 mm)



ZB-OR DONGLEOrganic Response IR dongle kit



ZB-OR GATEWAYOrganic Response IoT Gateway Cascade Series



ZB-OR-A SENSOROrganic Response sensor for surface mounting



ZB-OR-P SENSOR/3000 Organic Response sensor for pendant mounting