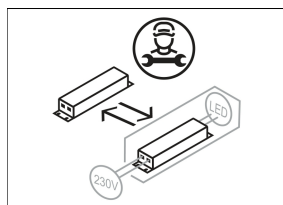
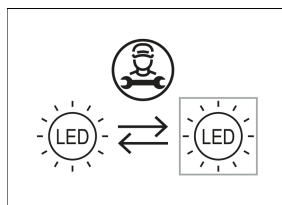
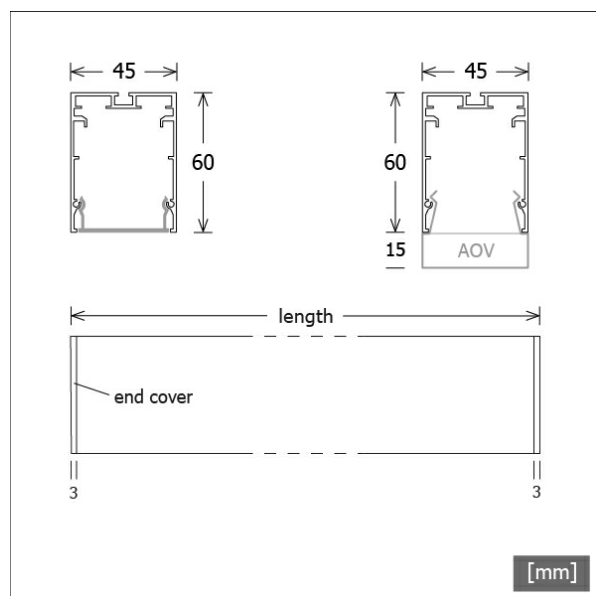


ML-A 045.0740.14 AOV/DALI



Colours	Article no.	EAN
silver anodised	663138	4043544722034
black	663139	4043544722041
white	663140	4043544722058



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 protruding acrylic glass diffuser (15 mm) 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	2260 lm
System efficiency	110.78 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

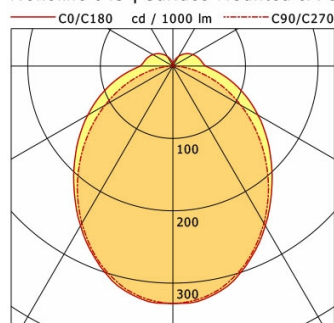
Dimensions / Weights

Length	1416 mm
Width	45 mm
Height	75 mm
Net weight	2.82 kg
Gross weight	2.96 kg

Mounted

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Monoline 045 | Surface-Mounted & Pendant (1xLED 20W 840/4000K 2260lm)



	C0	C90	C180	C270
0°	328	328	328	328
30°	255	251	255	251
60°	135	108	135	108
90°	45	2	45	2
120°	32	1	32	1
150°	15	1	15	1
180°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	7.76	6.72	82.4
6.0	15.53	13.44	20.6
9.0	23.29	20.16	9.2
12.0	31.06	26.88	5.2
15.0	38.82	33.60	3.3

η	LED
Efficiency	113 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	20 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.0
UGR C90/C270	21.7
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS

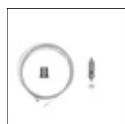
Accessories



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