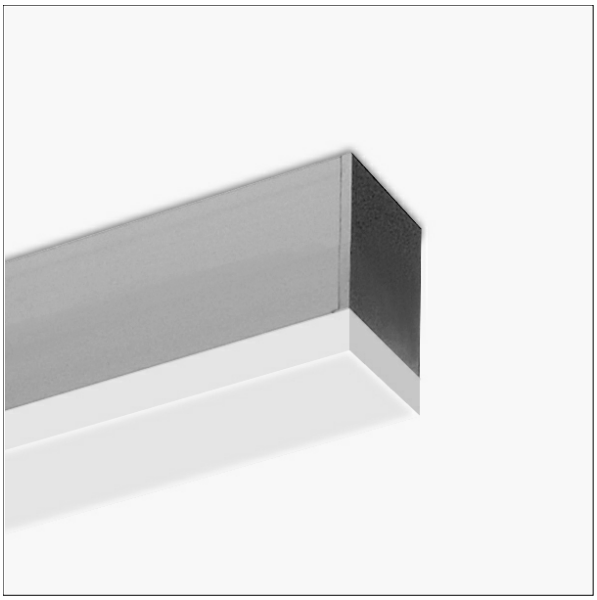
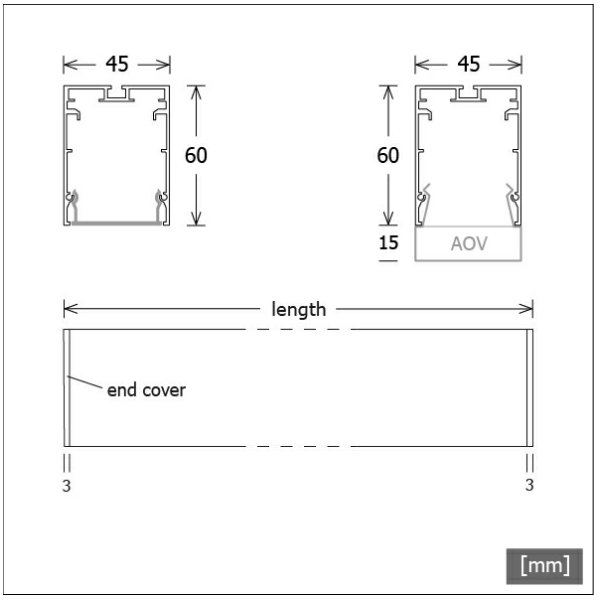
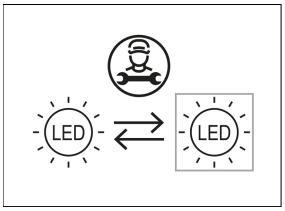
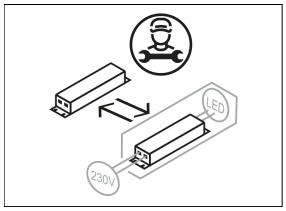
ML-A 045.0730.14 AOV/DALI



Colours	Article no.	EAN
silver anodised	663120	4043544721853
black	663121	4043544721860
white	663122	4043544721877







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

4000 K

Special options

RAL | 2700 K | CRI 90 SDCM3 | TWL | TWPI

Lighting data / Norms

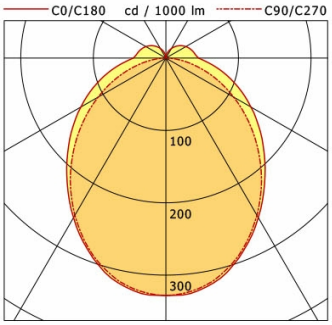
Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	833899|833894
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	20.0 W
Luminaire luminous flux	2170 lm
System efficiency	106.37 lm/W
Module efficiency	178.58 lm/W
UGR class	≤25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection 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

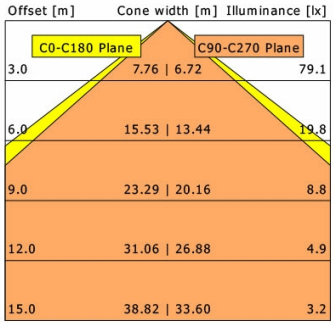
ML-A 045.0730.14 AOV/DALI

Monoline 045 | Surface-Mounted & Pendant (1xLED 20W 830/3000K 2170lm)



	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



η	LED
Efficiency	109 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	20 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.8
UGR C90/C270	21.6
CIE Flux Codes	46 75 92 89 100
Ra/CRI	>80

LTS

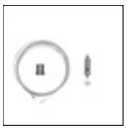
Accessories



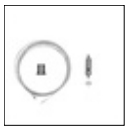
LK-Z 045.103.03/DIM
wire-rope kit with feed-in DALI
(5-core, length: 3000 mm)



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 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

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