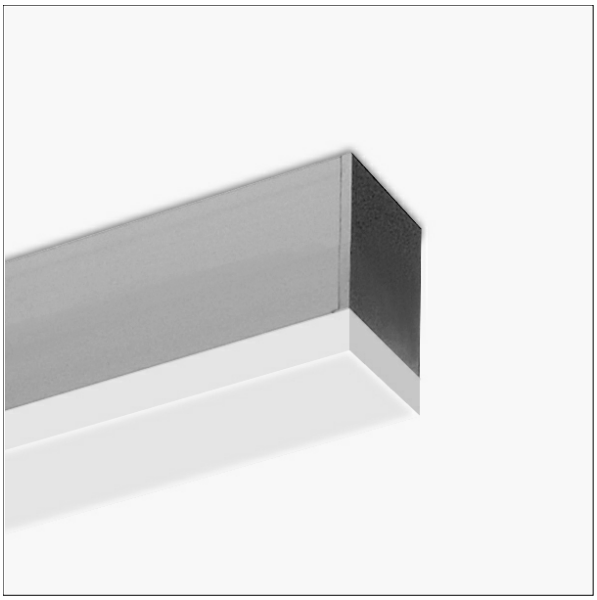
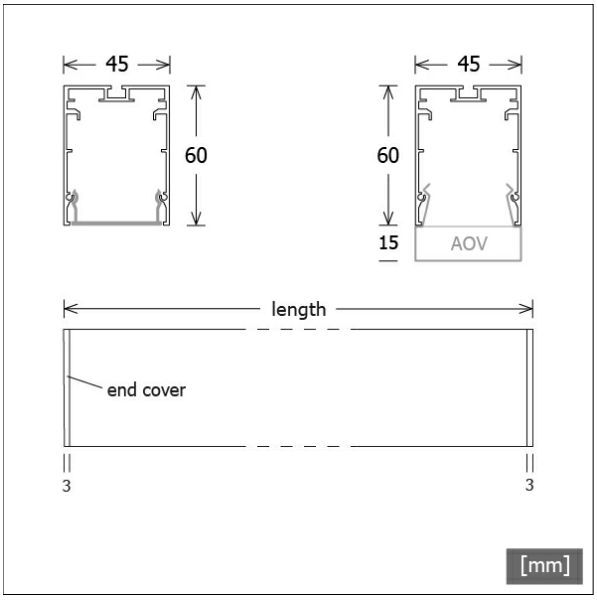
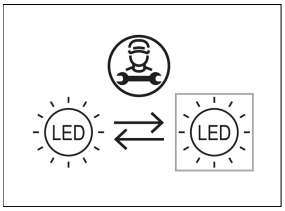
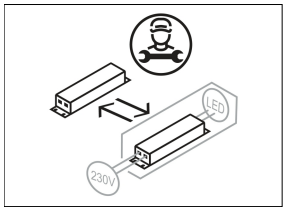
ML-A 045.1030.08 AOV



Colours	Article no.	EAN
silver anodised	663009	4043544720740
black	663010	4043544720757
white	663011	4043544720764







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) 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 · DALI

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	19.0 W
Luminaire luminous flux	2050 lm
System efficiency	106.21 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

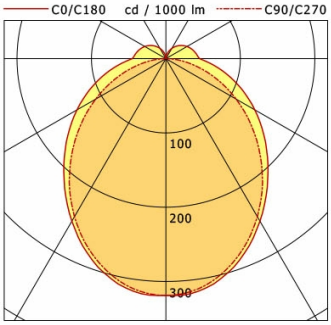
Dimensions / Weights

Length	855 mm
Width	45 mm
Height	75 mm
Net weight	1.81 kg
Gross weight	1.90 kg

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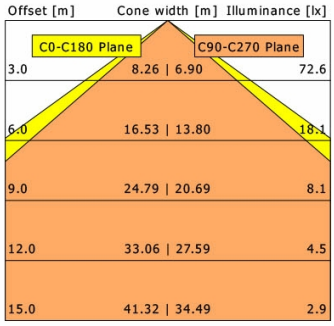
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Monoline 045 | Surface-Mounted & Pendant (1xLED 19W 830/3000K 2050lm)



	C0	C90	C180	C270
0°	319	319	319	319
30°	253	246	253	246
60°	138	109	138	109
90°	45	3	45	3
120°	33	1	33	1
150°	16	1	16	1
180°	0	0	0	0

cd / 1000 lm



η	LED
Efficiency	108 lm/W
Direct/Indirect	↓ 88% / ↑ 12%
System Power	19 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.5
UGR C90/C270	23.2
CIE Flux Codes	46 75 92 88 100
Ra/CRI	>80

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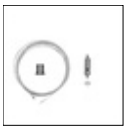
Accessories



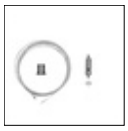
LK-Z045.103.03
wire-rope kit with feed-in
(length: 3000 mm, 3-core)



LK-Z045.103.05
wire-rope kit with feed-in
(length: 5000 mm, 3-core)



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)

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