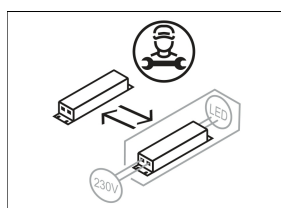
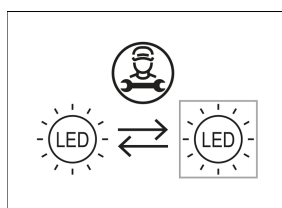
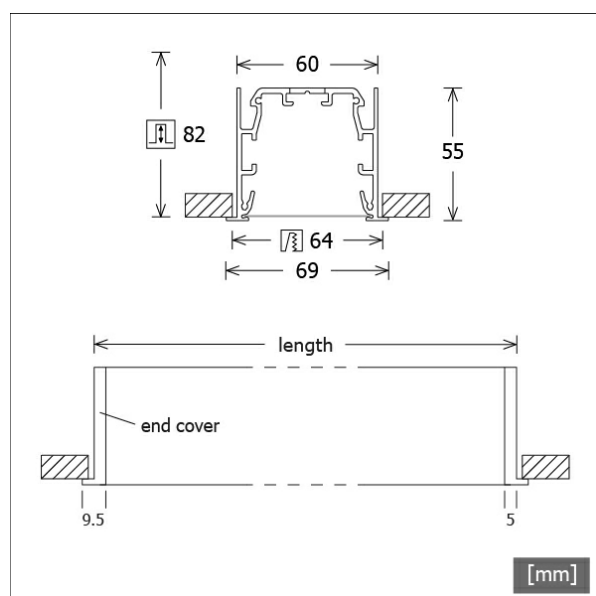


ML-E 060.11830.3 OPD/DALI



Colours	Article no.	EAN
silver anodised	670530	4043544821980
black	670531	4043544821997
white	670532	4043544822000



Description

- filigree linear luminaire for recessed mounting
- symmetrical light distribution and uniform area illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- aluminium housing with filigree trim (4.5 mm)
- end covers made from polycarbonate
- light-control foil "opal diffuse" with scattering additive made from polycarbonate
- easy quick-mounting in plasterboard with clamps
- 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 $\Delta T = 10$ 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 / 3000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	31.9 W
Luminaire luminous flux	4780 lm
System efficiency	149.84 lm/W
Module efficiency	193.00 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

Dimensions / Weights

Length	1429 mm
Width	69 mm
Height	55 mm
Cut-out (LxW)	1422 x 64 mm
Ceiling thickness	5.0 - 25.0 mm
Recessed depth	82 mm
Net weight	3.37 kg
Gross weight	3.89 kg

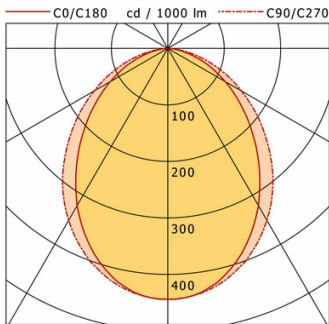
Special dimensions

required clamps space: max. 141 mm

ML-E 060.11830.3 OPD/DALI

ML-E 060.11830.3 OPD/DALI

Monoline 060 | Recessed (1xLED 32W 830/3000K 4780lm)



	C0	C90	C180	C270
0°	444	444	444	444
15°	410	419	410	419
30°	322	351	322	351
45°	212	254	212	254
60°	118	151	118	151
75°	42	59	42	59
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	5.73	7.06	235.9
6.0	11.45	14.13	59.0
9.0	17.18	21.19	26.2
12.0	22.91	28.25	14.7
15.0	28.63	35.31	9.4

η	LED
Efficiency	149 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	32 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.9
UGR C90/C270	26.2
CIE Flux Codes	54 84 97 100 100
Ra/CRI	>80

LTS

Accessories



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting