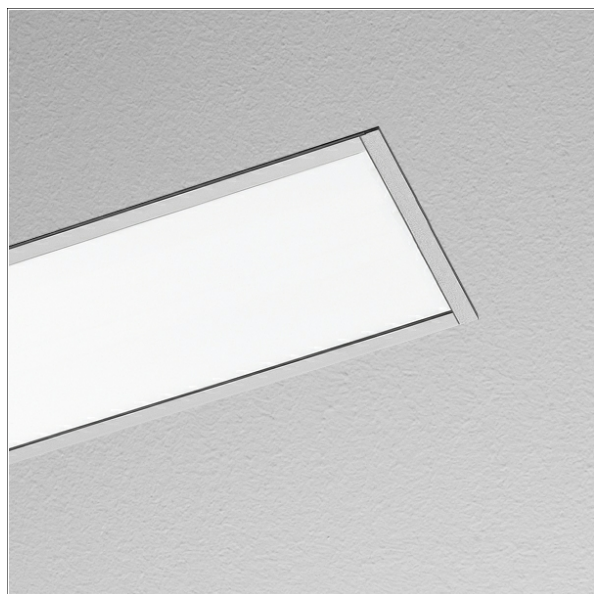


ML-E 070.10830.3 AOB/DALI



Description

- linear luminaire for recessed mounting into plasterboard
- symmetrical light distribution and illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- aluminium housing with filigree trim (5 mm)
- end covers made from die-cast zinc
- opal flush acrylic glass diffuser with profile guide and tool-free snap-in technology
- quick-mounting via 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	20.7 W
Luminaire luminous flux	3140 lm
System efficiency	151.69 lm/W
Module efficiency	193.00 lm/W
UGR class	≤25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP40

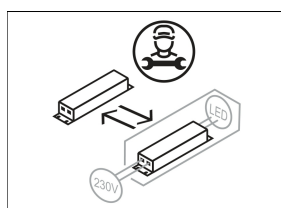
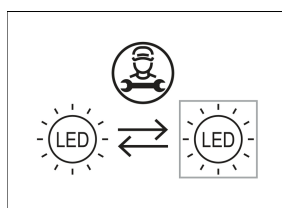
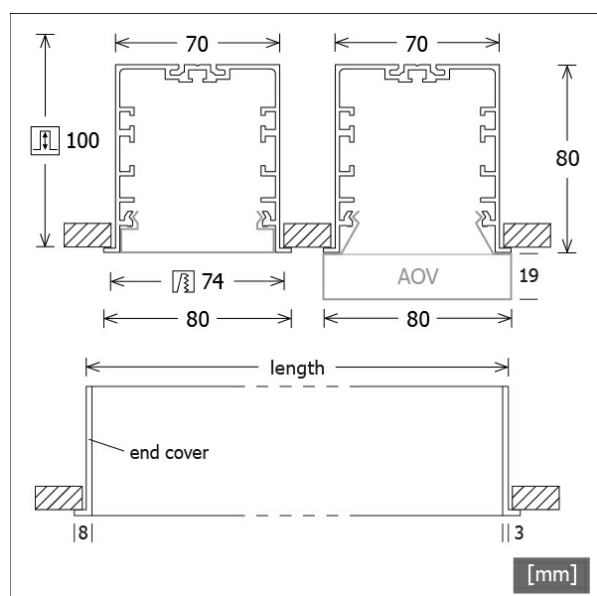
Dimensions / Weights

Length	1426 mm
Width	80 mm
Height	80 mm
Cut-out (LxW)	1418 x 74 mm
Ceiling thickness	6.0 - 25.0 mm
Recessed depth	100 mm
Net weight	4.86 kg
Gross weight	5.39 kg

Special dimensions

required clamps space: max. 220 mm

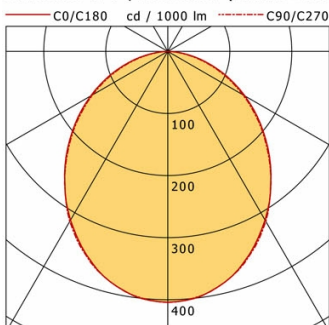
Colours	Article no.	EAN
silver anodised	670284	4043544819529
black	670285	4043544819536
white	670286	4043544819543



ML-E 070.10830.3 AOB/DALI

ML-E 070.10830.3 AOB/DALI

Monoline 070 | Recessed (1xLED 21W 830/3000K 3140lm)



	C0	C90	C180	C270
0°	404	404	404	404
15°	380	380	380	380
30°	314	316	314	316
45°	230	228	230	228
60°	144	140	144	140
75°	61	57	61	57
90°	1	1	1	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	7.11	7.01	141.0
6.0	14.22	14.02	35.3
9.0	21.33	21.02	15.7
12.0	28.43	28.03	8.8
15.0	35.54	35.04	5.6

η	LED
Efficiency	150 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.4
UGR C90/C270	24.2
CIE Flux Codes	51 81 96 100 100
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