

ML-E 070.10830.3 AOV/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 protruding acrylic glass diffuser (19 mm) 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 $dT = 10$ 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 / 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	2970 lm
System efficiency	143.47 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

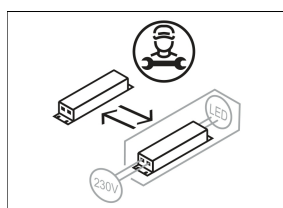
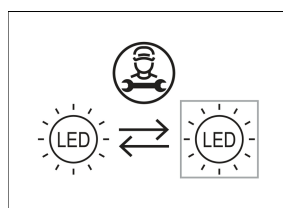
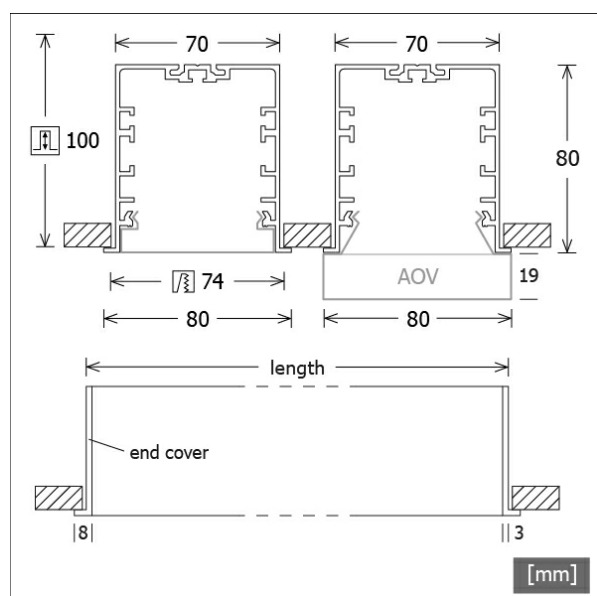
Dimensions / Weights

Length	1426 mm
Width	80 mm
Height	99 mm
Cut-out (LxW)	1418 x 74 mm
Ceiling thickness	6.0 - 25.0 mm
Recessed depth	100 mm
Net weight	5.36 kg
Gross weight	5.89 kg

Special dimensions

required clamps space: max. 220 mm

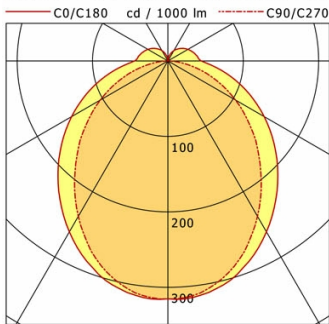
Colours	Article no.	EAN
silver anodised	670287	4043544819550
black	670288	4043544819567
white	670289	4043544819574



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Monoline 070 | Recessed (1xLED 21W 830/3000K 2970lm)



	C0	C90	C180	C270
0°	315	315	315	315
30°	262	238	262	238
60°	148	103	148	103
90°	44	1	44	1
120°	31	0	31	0
150°	16	1	16	1
180°	1	1	1	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	9.35	6.59	104.0
6.0	18.70	13.18	26.0
9.0	28.05	19.77	11.6
12.0	37.40	26.36	6.5
15.0	46.75	32.95	4.2

η	LED
Efficiency	141 lm/W
Direct/Indirect	↓ 89% / ↑ 11%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.8
UGR C90/C270	20.9
CIE Flux Codes	46 75 92 89 100
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