

ML-A 070.10830.2 19P/DALI



Description

- linear luminaire for ceiling or wall mounting and 360° glare-free workplace lighting (UGR ≤ 19)
- symmetrical light distribution and illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- housing made from aluminium
- end covers made from die-cast zinc
- prismatic flush acrylic glass diffuser with profile guide and tool-free snap-in technology
- direct ceiling or wall 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 $\Delta T = 10$ Kelvin. IP40 only applies in combination with mounted acrylic glass diffuser mounted acrylic glass profile.

Standard options



Special options



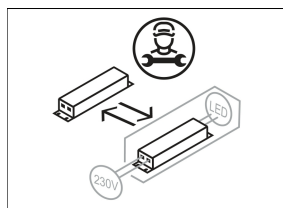
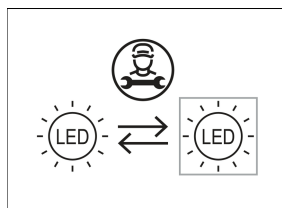
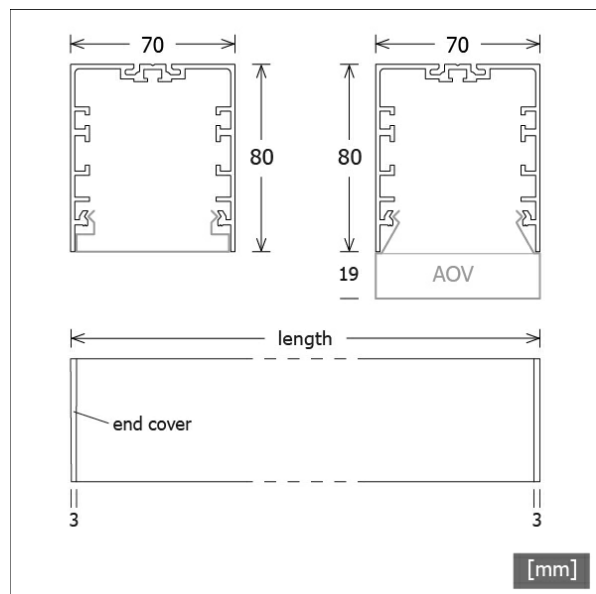
Lighting data / Norms

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	12.1 W
Luminaire luminous flux	1810 lm
System efficiency	149.58 lm/W
Module efficiency	193.00 lm/W
UGR class	≤ 19
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP40

Dimensions / Weights

Length	1136 mm
Width	70 mm
Height	80 mm
Net weight	3.66 kg
Gross weight	4.09 kg

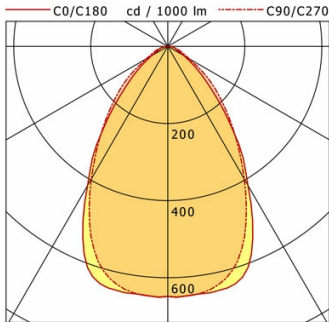
Colours	Article no.	EAN
silver anodised	670200	4043544818683
black	670201	4043544818690
white	670202	4043544818706



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Monoline 070 | Surface-Mounted (1xLED 12W 830/3000K 1810lm)



	C0	C90	C180	C270
0°	649	649	649	649
15°	643	614	643	614
30°	416	397	416	397
45°	166	196	166	196
60°	49	64	49	64
75°	19	24	19	24
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.26	4.14	130.4
6.0	8.52	8.28	32.6
9.0	12.78	12.41	14.5
12.0	17.03	16.55	8.2
15.0	21.29	20.69	5.2

η	LED
Efficiency	151 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.7
UGR C90/C270	18.5
CIE Flux Codes	72 93 98 100 100
Ra/CRI	>80

LTS

Accessories



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-A SENSOR
Organic Response sensor for surface mounting