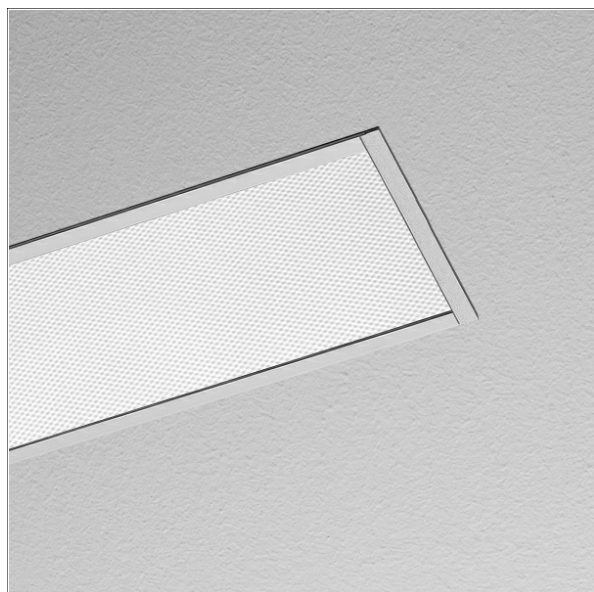


ML-E 070.10830.2 19P/DALI



Description

- linear luminaire for recessed mounting into plasterboard and 360° glare-free workplace lighting (UGR <= 19)
- 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
- prismatic 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	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

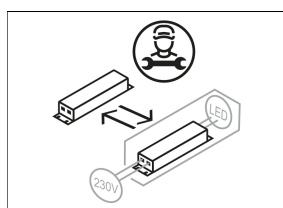
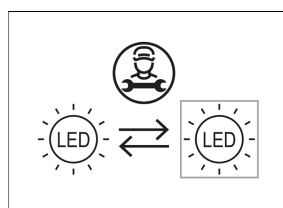
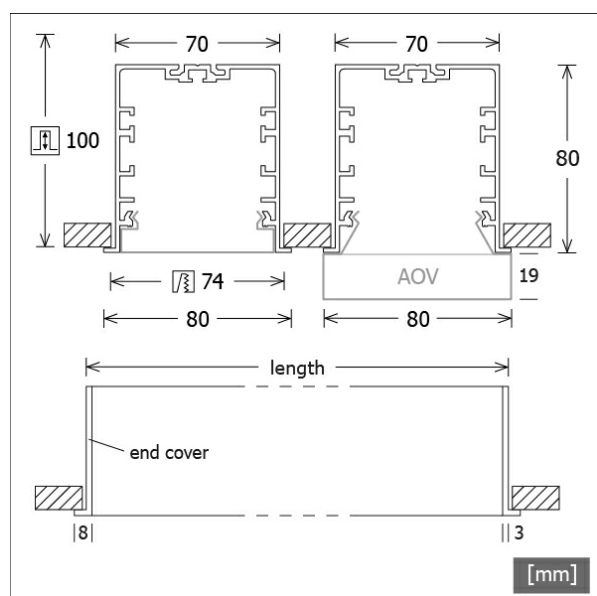
Dimensions / Weights

Length	1146 mm
Width	80 mm
Height	80 mm
Cut-out (LxW)	1138 x 74 mm
Ceiling thickness	6.0 - 25.0 mm
Recessed depth	100 mm
Net weight	4.06 kg
Gross weight	4.49 kg

Special dimensions

required clamps space: max. 220 mm

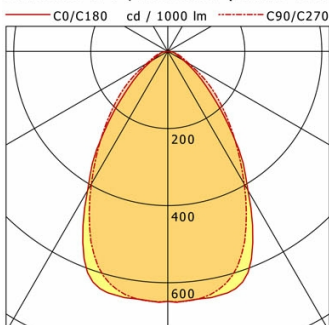
Colours	Article no.	EAN
silver anodised	670272	4043544819406
black	670273	4043544819413
white	670274	4043544819420



ML-E 070.10830.2 19P/DALI

ML-E 070.10830.2 19P/DALI

Monoline 070 | Recessed (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-R SENSOR
Organic Response sensor for recessed mounting