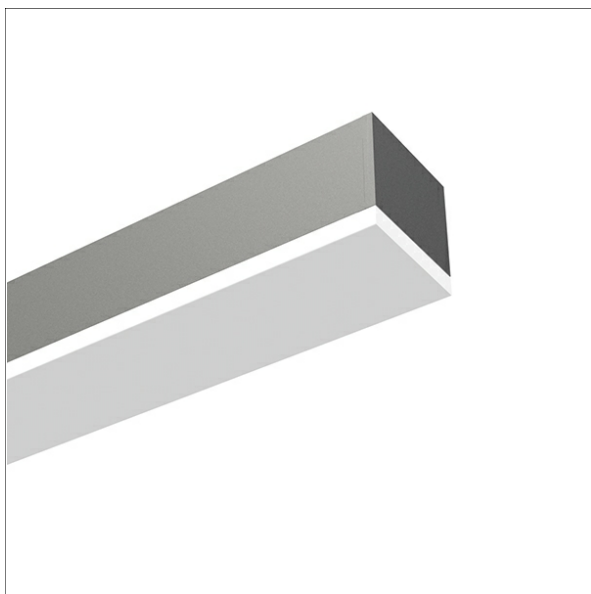
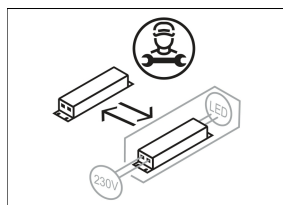
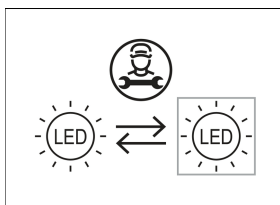
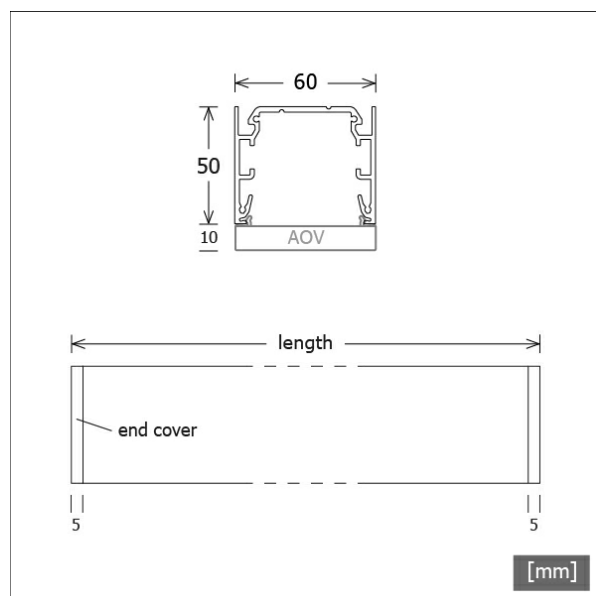


ML-A 060.10830.3 AOV/DALI



Colours	Article no.	EAN
silver anodised	670416	4043544820846
black	670417	4043544820853
white	670418	4043544820860



Description

- filigree linear luminaire for surface mounting
- symmetrical light distribution and uniform area illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- housing made from aluminium
- end covers made from polycarbonate
- opal acrylic glass diffuser protruding (10 mm) made from PMMA with tool-free snap-in technology
- easy mounting via supplied mounting brackets (2 pieces)
- 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.

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	3080 lm
System efficiency	148.79 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

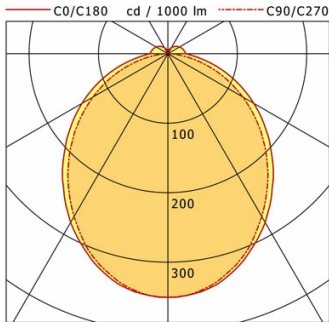
Dimensions / Weights

Length	1420 mm
Width	60 mm
Height	60 mm
Net weight	3.65 kg
Gross weight	4.15 kg

ML-A 060.10830.3 AOV/DALI

ML-A 060.10830.3 AOV/DALI

Monoline 060 | Surface-Mounted (1xLED 21W 830/3000K 3080lm)



	C0	C90	C180	C270
0°	351	351	351	351
15°	332	328	332	328
30°	280	271	280	271
45°	213	200	213	200
60°	143	125	143	125
75°	74	51	74	51
90°	26	1	26	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	7.97	7.16	120.0
6.0	15.93	14.33	30.0
9.0	23.90	21.49	13.3
12.0	31.86	28.66	7.5
15.0	39.83	35.82	4.8

η	LED
Efficiency	147 lm/W
Direct/Indirect	↓ 93% / ↑ 7%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.6
UGR C90/C270	22.9
CIE Flux Codes	48 78 94 93 100
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