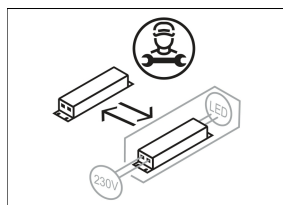
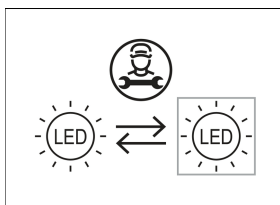
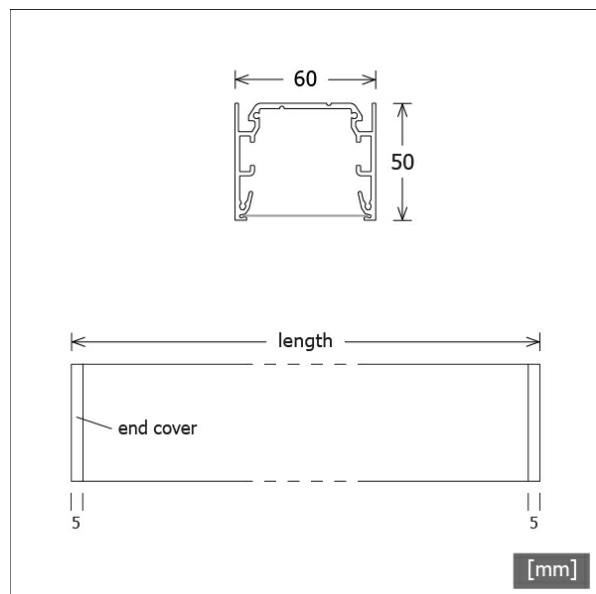


ML-A 060.10830.3 OPD/DALI



Colours	Article no.	EAN
silver anodised	670419	4043544820877
black	670420	4043544820884
white	670421	4043544820891



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
- light-control foil "opal diffuse" with scattering additive made from polycarbonate
- 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 $dT = 10$ 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	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	IP20

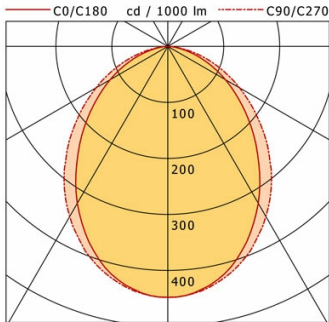
Dimensions / Weights

Length	1420 mm
Width	60 mm
Height	50 mm
Net weight	3.25 kg
Gross weight	3.75 kg

ML-A 060.10830.3 OPD/DALI

ML-A 060.10830.3 OPD/DALI

Monoline 060 | Surface-Mounted (1xLED 21W 830/3000K 3140lm)



	C0	C90	C180	C270
0°	448	448	448	448
15°	414	422	414	422
30°	323	351	323	351
45°	214	253	214	253
60°	119	148	119	148
75°	42	58	42	58
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	5.72	6.90	156.3
6.0	11.45	13.79	39.1
9.0	17.17	20.69	17.4
12.0	22.89	27.58	9.8
15.0	28.62	34.48	6.3

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	23.5
UGR C90/C270	24.6
CIE Flux Codes	54 84 97 100 100
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