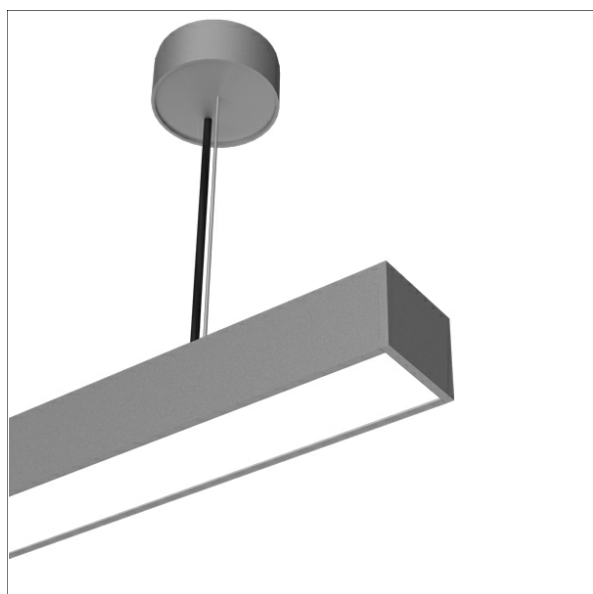
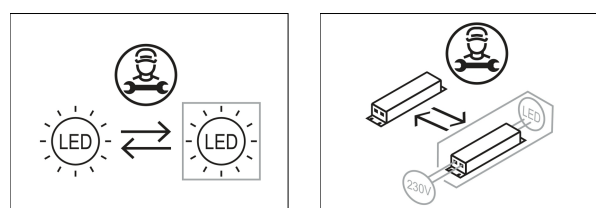
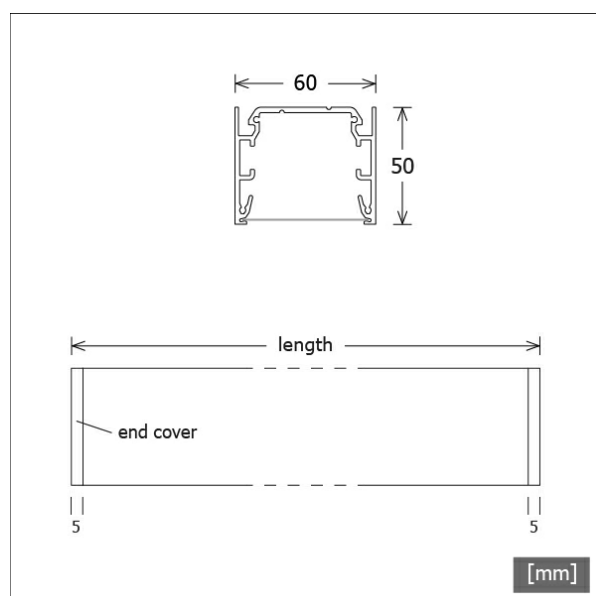


ML-P 060.11840.3 OPD/DALI



Colours	Article no.	EAN
silver anodised	670621	4043544822888
black	670622	4043544822895
white	670623	4043544822901



Description

- filigree linear luminaire for pendant 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
- wire-rope suspension 2-fold with height-adjustment (length: 3000 mm)
- 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 / 4000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	31.9 W
Luminaire luminous flux	5060 lm
System efficiency	158.62 lm/W
Module efficiency	205.00 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

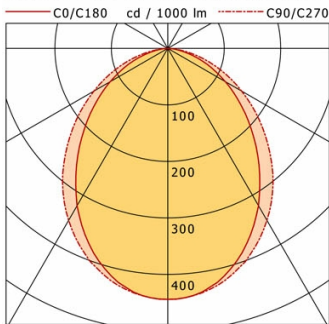
Dimensions / Weights

Length	1420 mm
Width	60 mm
Height	50 mm
Net weight	3.92 kg
Gross weight	4.44 kg

ML-P 060.11840.3 OPD/DALI

ML-P 060.11840.3 OPD/DALI

Monoline 060 | Pendant (1xLED 32W 840/4000K 5060lm)



	C0	C90	C180	C270
0°	444	444	444	444
15°	410	419	410	419
30°	322	351	322	351
45°	212	254	212	254
60°	118	151	118	151
75°	42	59	42	59
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	5.73	7.06	249.7
6.0	11.45	14.13	62.4
9.0	17.18	21.19	27.7
12.0	22.91	28.25	15.6
15.0	28.63	35.31	10.0

η	LED
Efficiency	158 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	32 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.1
UGR C90/C270	26.4
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



ZB-OR-P SENSOR/3000
Organic Response sensor for pendant mounting