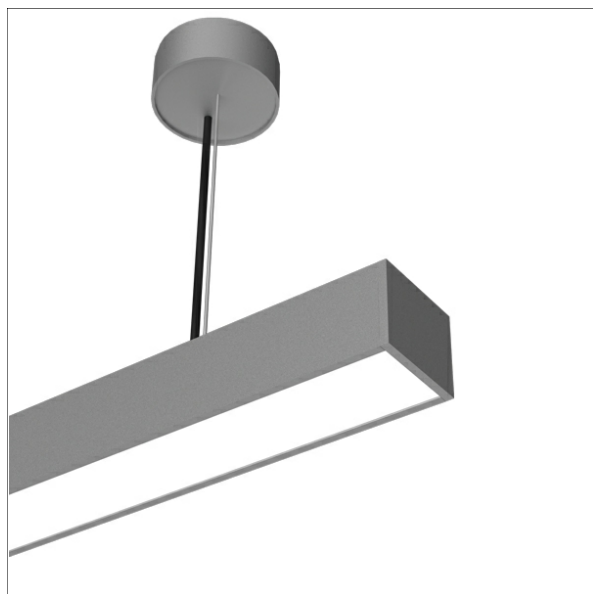
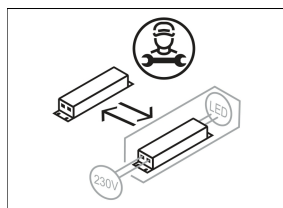
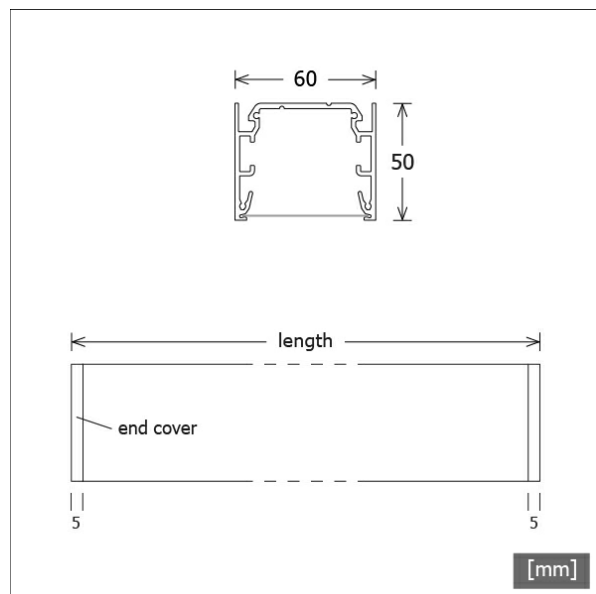


ML-P 060.11830.2 19W/DALI



Colours	Article no.	EAN
silver anodised	670597	4043544822642
black	670598	4043544822659
white	670599	4043544822666



Description

- filigree linear luminaire for pendant mounting and 360° glare-free workplace lighting (UGR < 19)
- outstanding ease of maintenance
- no UV and thermal emissions
- housing made from aluminium
- end covers made from polycarbonate
- nanoOptix light-control foil "wide beam" made from clear polycarbonate with double asymmetric light distribution
- 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 / 3000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	18.8 W
Luminaire luminous flux	2570 lm
System efficiency	136.70 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	IP20

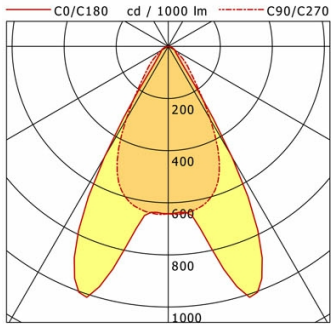
Dimensions / Weights

Length	1140 mm
Width	60 mm
Height	50 mm
Net weight	3.35 kg
Gross weight	3.77 kg

ML-P 060.11830.2 19W/DALI

ML-P 060.11830.2 19W/DALI

Monoline 060 | Pendant | Glare Control (1xLED 19W 830/3000K 2570lm)



	C0	C90	C180	C270
0°	642	642	642	642
15°	923	608	923	608
30°	489	323	489	323
45°	51	103	51	103
60°	30	28	30	28
75°	14	8	14	8
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	3.43	2.62	183.4
6.0	6.86	5.04	45.8
9.0	10.29	7.56	20.4
12.0	13.72	10.08	11.5
15.0	17.16	12.61	7.3

η	LED
Efficiency	135 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	19 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.8
UGR C90/C270	17.6
CIE Flux Codes	86 97 99 100 100
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