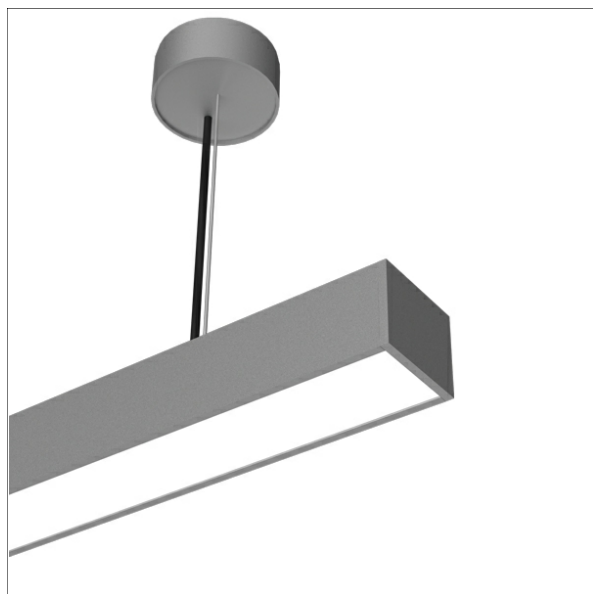
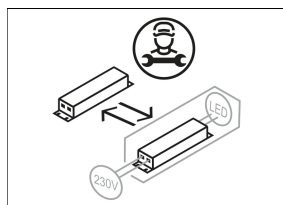
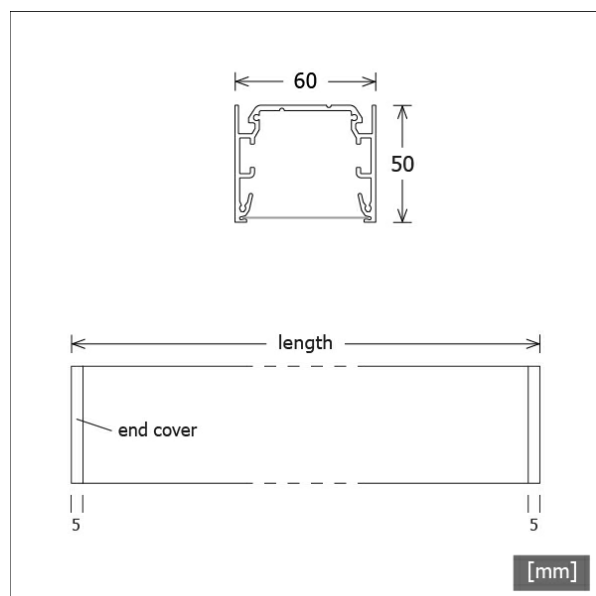


ML-P 060.10840.2 19W/DALI



Colours	Article no.	EAN
silver anodised	670579	4043544822468
black	670580	4043544822475
white	670581	4043544822482



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 / 4000 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

1860 lm

System efficiency

153.71 lm/W

Module efficiency

205.00 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

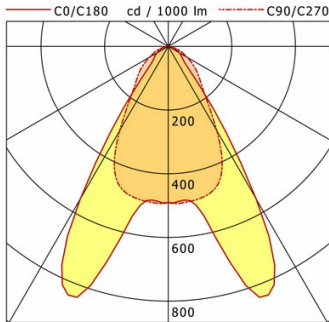
Gross weight

3.77 kg

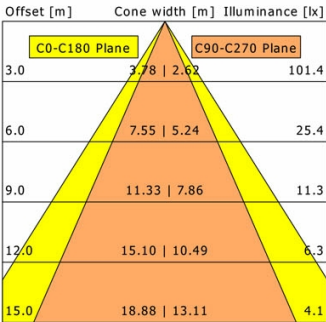
ML-P 060.10840.2 19W/DALI

ML-P 060.10840.2 19W/DALI

Monoline 060 | Pendant | Glare Control (1xLED 12W 840/4000K 1860lm)



	C0	C90	C180	C270
0°	491	491	491	491
15°	663	482	663	482
30°	553	306	553	306
45°	75	138	75	138
60°	41	69	41	69
75°	17	23	17	23
90°	0	0	0	0
cd / 1000 lm				



η	LED
Efficiency	155 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.9
UGR C90/C270	19.4
CIE Flux Codes	77 94 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