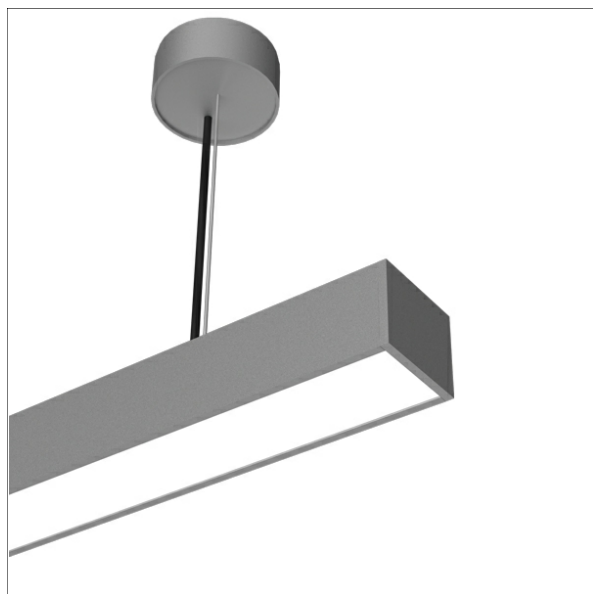
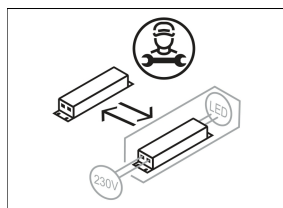
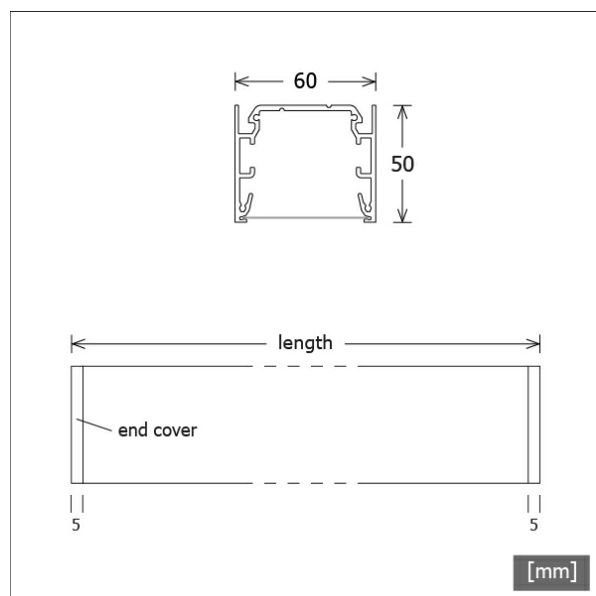


ML-P 060.11840.3 19W/DALI



Colours	Article no.	EAN
silver anodised	670624	4043544822918
black	670625	4043544822925
white	670626	4043544822932



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

23.5 W

Luminaire luminous flux

3400 lm

System efficiency

144.68 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

1420 mm

Width

60 mm

Height

50 mm

Net weight

3.92 kg

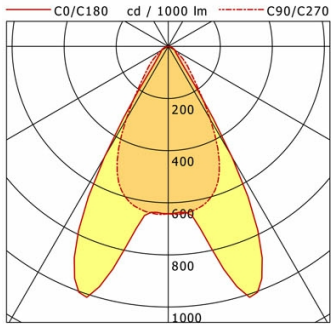
Gross weight

4.44 kg

ML-P 060.11840.3 19W/DALI

ML-P 060.11840.3 19W/DALI

Monoline 060 | Pendant | Glare Control (1xLED 24W 840/4000K 3400lm)



	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	2.52	242.6
6.0	6.86	5.04	60.7
9.0	10.29	7.56	27.0
12.0	13.72	10.08	15.2
15.0	17.16	12.61	9.7

η	LED
Efficiency	142 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	24 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.0
UGR C90/C270	17.8
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