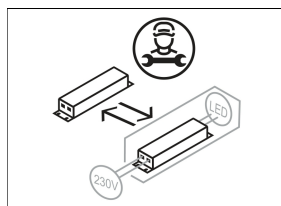
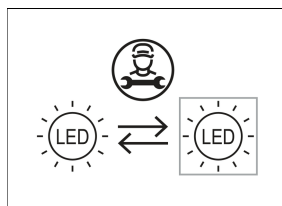
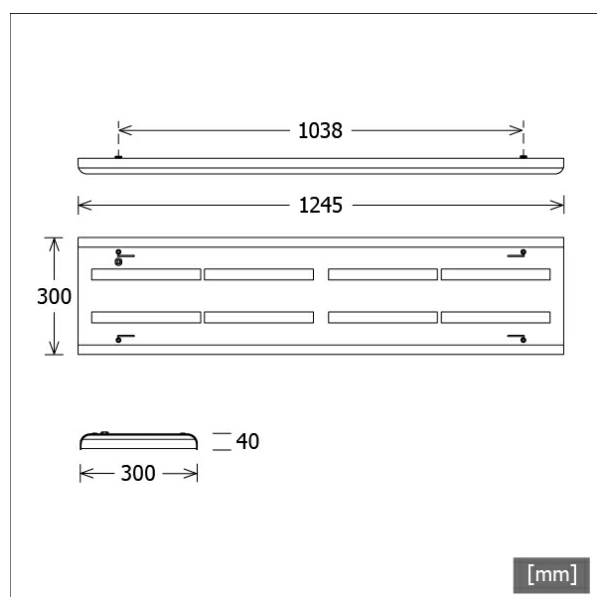


OPT-P 110.840.1/DALI



Colours	Article no.	EAN
black-white	665491	4043544747280
white-white	665499	4043544747365



Description

- rectangular pendant luminaire with direct-indirect illumination for uniform and absolutely glare-free workplace lighting
- can be combined with insert luminaire OPT-R... and free-standing luminaire OPT-S...
- light component: direct 20% / indirect 80%
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative tube technology for glare-free illumination
- advanced lens optics with a standard beam angle of 60°
- aluminium housing with micropoint optics and rounded design
- colour combinations top/bottom: black/white, white/white and RAL/RAL
- Y-wire-rope suspension 2-fold with height adjustment (length: 1500 mm)
- transparent connecting cable (5-core, pre-fabricated), white ceiling box made from ABS
- ballast (LED converter) integrated (with DALI dimming)

Standard options



Special options



Lighting data / Norms

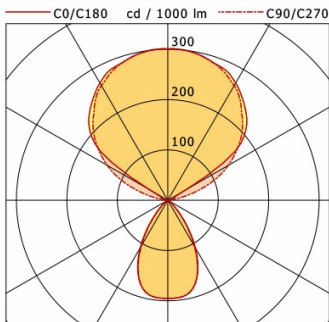
Lamps	LED Matrix / CRI 80 / 4000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	89.3 W
Luminaire luminous flux	10860 lm
System efficiency	121.61 lm/W
Module efficiency	186.00 lm/W
UGR class	≤16
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

Dimensions / Weights

Length	1245 mm
Width	300 mm
Height	40 mm
Net weight	6.42 kg
Gross weight	7.12 kg

OPT-P 110.840.1/DALI

Optico | Pendant (1xLED 89W 840/4000K 10860lm)



	C0	C90	C180	C270
0°	195	195	195	195
30°	109	105	109	105
60°	4	4	4	4
90°	0	1	0	1
120°	41	138	41	138
150°	269	263	269	263
180°	301	301	301	301
cd / 1000 lm				

LDC unsuitable for cone representation.
The C0 angle is oversized.

η	LED
Efficiency	122 lm/W
Direct/Indirect	↓ 21% / ↑ 79%
System Power	89 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	89 99 100 21 100
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