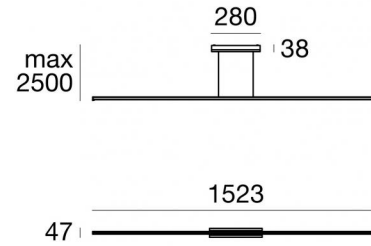
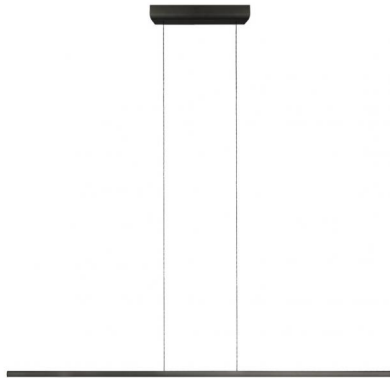


Straight_P1



Pendant Luminaires | 220-240 V
3 topLED 15 W DC - 18 W AC | CRI 90
8205



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	15 W DC
Total Power	18 W
Source lumens	2222 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	2.5 m
Resin potting	No
Type of light emission	Single emission
Net weight	1.2 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium
Colour	Black
Processing	Coating

Finishing diffuser

Material	PC
Colour	opaline

Finishing mounting frame

Material	Iron
Colour	Black
Processing	Coating

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.



Pendant Luminaires | 220-240 V | 3 topLED 15 W DC - 18 W AC | CRI 90 | Base 8205

Single emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 150 topLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2222 lm, with a 148.1 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a black finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of iron, with a black finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 1.2 kg.

The total absorbed power is 18 W. The power supply cable is included and features a 2.5 m length.

The device features protection class I and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains 3 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	35 %
Source lumens	2222 lm
Delivered lumens	790 lm
Consumption	18 W
Luminaire efficacy	43 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

LED Life / Failure Ratio

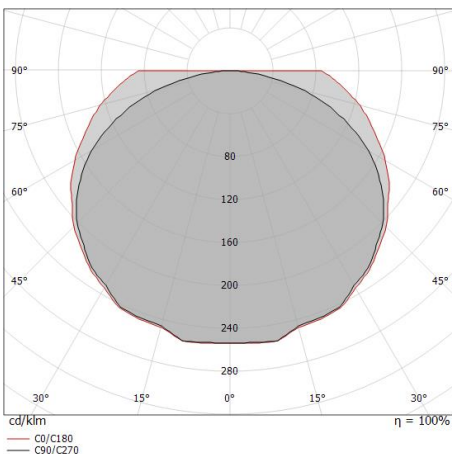
L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	14.7
UGR transversal	11
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	129°
C0/C180 optics	148°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.09 3.51	E(0°) 801 E(C90) 33 E(C0) 8
1.0	4.17 7.02	E(0°) 200 E(C90) 8 E(C0) 2
1.5	6.26 10.53	E(0°) 89 E(C90) 4 E(C0) 1
2.0	8.35 14.04	E(0°) 50 E(C90) 2 E(C0) 1
2.5	10.44 17.55	E(0°) 32 E(C90) 1 E(C0) 0
3.0	12.52 21.06	E(0°) 22 E(C90) 1 E(C0) 0

— C0/C180 (Half-peak divergence: 148.2°)
— C90/C270 (Half-peak divergence: 128.8°)