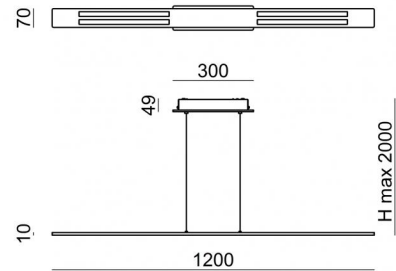




Pendant Luminaires | 220-240 V
300 topLED 48 W DC - 48 W AC | CRI 85
7118



Technical data	
Construction year	2012
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward and upward
Power	48 W
Source lumens	3450 lm
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	85 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP40
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	No
Resin potting	No
Type of light emission	Double emission
Net weight	4.3 Kg

Finishing casing

Material	Aluminium
Colour	white
Processing	Coating

Finishing diffuser

Material	PC
Colour	opaline

Finishing mounting frame

Material	Iron
Colour	white
Processing	Coating



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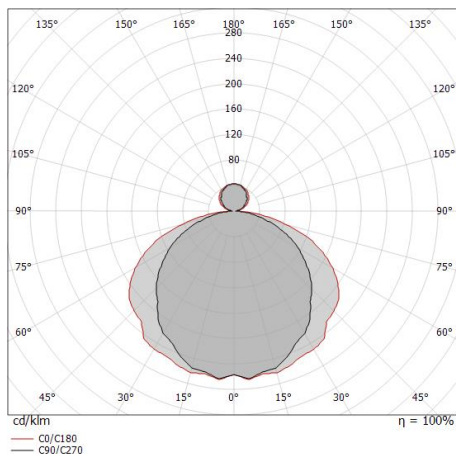
Double emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 300 topLEDs with CCT of 3000 K and a CRI 85; the source luminous flux is 3450 lm, with a 71.9 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of iron, with a white finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 4.3 kg.

The total absorbed power is 48 W.

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

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



Distance [m]	Cone diameter [m]	illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	1.47 2.58	1881 173 46	55.8°	68.8°	68.8°
1.0	2.94 5.16	470 43 12	55.8°	68.8°	68.8°
1.5	4.41 7.73	209 19 5	55.8°	68.8°	68.8°
2.0	5.89 10.31	118 11 3	55.8°	68.8°	68.8°
2.5	7.36 12.89	75 7 2	55.8°	68.8°	68.8°
3.0	8.83 15.47	52 5 1	55.8°	68.8°	68.8°

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 137.6°)
— C90/C270 (Half-peak divergence: 111.6°)

Illuminotechnical Features

Light Output Ratio (LOR)	53 %
Source lumens	3450 lm
Delivered lumens	1836 lm
Consumption	48 W
Luminaire efficacy	38 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	85 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25

LED Life / Failure Ratio

L80 B20 C0 80000h

UGR

UGR axial	11.8
UGR transversal	19.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution simmetry	Symmetrical 2
C0/C180 optics	138°
C90/C270 optics	112°