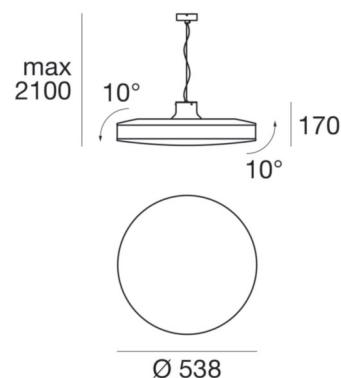




Pendant Luminaires | 220-240 V
156 topLED 29 W DC - 29 W AC | CRI 90
7829



Technical data

Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward and upward
Power	29 W
Source lumens	3929 lm
Frequency	50 - 60 Hz
CCT / Tone	3000 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	Yes
total angle (horizontal plane)	10 °
total angle (vertical plane)	0 °
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	2.5 m
Resin potting	No
Type of light emission	Double emission
Net weight	4.940 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Fabric
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Finishing diffuser

Material	PE
Colour	neutral

Finishing mounting frame

Material	Iron
Colour	embossed white RAL 9003
Processing	Coating



Pendant Luminaires | 220-240 V | 156 topLED 29 W DC - 29 W AC | CRI 90 | Base
7829

Double emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 156 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 3929 lm, with a 135.5 lm/W nominal luminous efficacy.

The device body is made of fabric; the diffuser is made of pe; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 4.940 kg.

The total absorbed power is 29 W. The power supply cable is included and features a 2.5 m lenght.

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

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

Illuminotechnical Features	
Light Output Ratio (LOR)	52 %
Source lumens	3929 lm
Delivered lumens	2060 lm
Consumption	29 W
Luminaire efficacy	70 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25
LED Life / Failure Ratio	
L80 B20 C0 80000h	
UGR	
UGR axial	< 16
UGR transversal	< 16
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
OPTICAL	
Light distribution simmetry	Symmetrical
C0/C180 optics	114°

Pendant Luminaires | 220-240 V | 156 topLED 29 W DC - 29 W AC | CRI 90 | Base

7829

Double emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 156 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 3929 lm, with a 135.5 lm/W nominal luminous efficacy.

The device body is made of fabric; the diffuser is made of pe; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 4.940 kg.

The total absorbed power is 29 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.

Illuminotechnical Features

Light Output Ratio (LOR)	54 %
Source lumens	3929 lm
Delivered lumens	2156 lm
Consumption	29 W
Luminaire efficacy	74 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25

LED Life / Failure Ratio

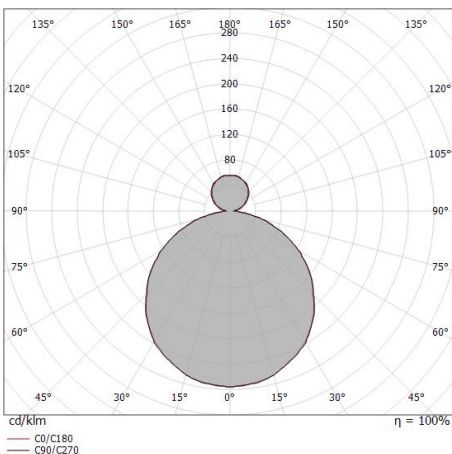
L80 B20 C0 80000h

UGR

UGR axial	< 16
UGR transversal	< 16
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	114°



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.53 1.53	E(0°) 2377 E(C90) 194 E(C0) 196
1.0	3.07 3.06	E(0°) 594 E(C90) 49 E(C0) 49
1.5	4.60 4.58	E(0°) 264 E(C90) 22 E(C0) 22
2.0	6.14 6.11	E(0°) 149 E(C90) 12 E(C0) 12
2.5	7.67 7.64	E(0°) 95 E(C90) 8 E(C0) 8
3.0	9.20 9.17	E(0°) 66 E(C90) 5 E(C0) 5

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

— C0/C180 (Half-peak divergence: 113.6°)
— C90/C270 (Half-peak divergence: 113.8°)