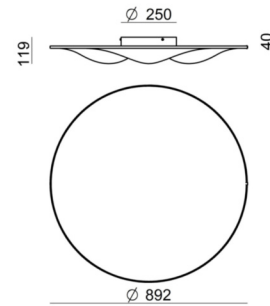


# Circle wave\_S



Ceiling Lights | 220-240 V | topLED 42 W 700 mA | CRI 90  
7461



Technical data	
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	42 W
Luminous flux (source)	4959 lm
Frequency	50 - 60 Hz
CCT / Tonaltà	3000 K
Colour rendering index	90 Ra
AC / DC	AC
Safety class	1
IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Driver included	Yes
Induzione	No
Emergency mode	No
Motion sensor	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No

Finishing diffuser	
Material	PMMA
Colour	white
Processing	Satin finishing

Finishing mounting frame	
Material	Iron
Colour	white
Processing	Coating



Ceiling Lights | 220-240 V | topLED 42 W 700 mA | CRI 90  
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Single emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 108 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 4959 lm, with a 118.1 lm/W nominal luminous efficacy and an operating lifetime (L80) of 80000 hours.

The diffuser is made of pmma with a satin finishing treatment; 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 12.1 kg. The power supply driver is included in the delivery.

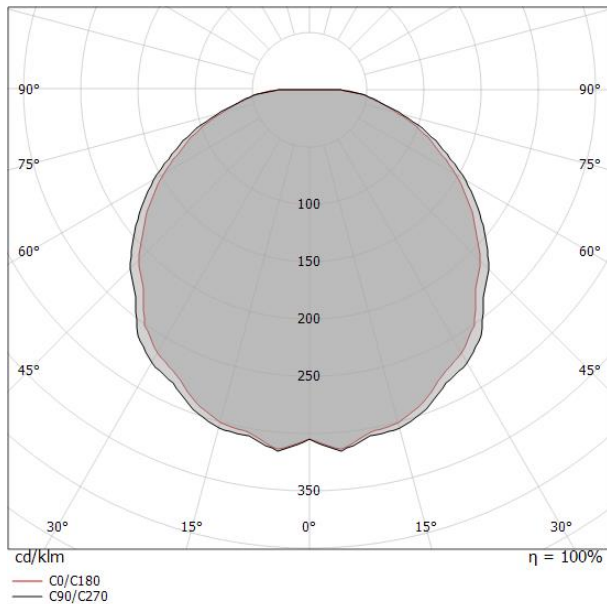
The total absorbed power is 42 W.

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

Illuminotechnical Features	
Light Output Ratio (LOR)	65 %
Luminous flux (source)	4959 lm
Luminaire luminous flux	3259 lm
Consumption	42 W
Luminaire efficacy	77 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Life / Failure ratio	L80C0B20

UGR	
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 16
UGR axial	< 19

OPTICAL	
Light distribution simmetry	Symmetrical 2
Ottica C0/C180	115°
Ottica C90/C270	120°



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.72 1.58	3976	59.8° 263	57.7° 314	
1.0	3.44 3.16	994	59.8° 66	57.7° 78	
1.5	5.15 4.75	442	59.8° 29	57.7° 35	
2.0	6.87 6.33	248	59.8° 16	57.7° 20	
2.5	8.59 7.91	159	59.8° 11	57.7° 13	
3.0	10.31 9.49	110	59.8° 7	57.7° 9	

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 115.4°)  
— C90/C270 (Half-peak divergence: 119.6°)