

# Conus\_S1



Ceiling Lights | 220-240 V | arrayLED 6 W 120 mA | CRI 90  
7251



Technical data	
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	6 W
Luminous flux (source)	605 lm
Frequency	50 - 60 Hz
CCT / Tonalità	3000 K
Colour rendering index	90 Ra
Safety class	1
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Driver included	Driver
Induction	No
Emergency mode	No
Motion sensor	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.550 Kg

Finishing diffuser	
Material	Glass
Processing	Sandblasting

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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 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 605 lm, with a 100.8 lm/W nominal luminous efficacy and an operating lifetime (L80) of 80000 hours.

The diffuser is made of glass with a sandblasting treatment; the mounting frame is made of aluminium, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 0.550 kg.

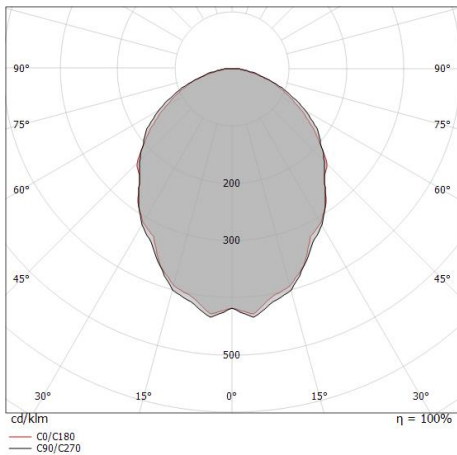
The total absorbed power is 6 W.

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

Illuminotechnical Features	
Light Output Ratio (LOR)	71 %
Luminous flux (source)	605 lm
Luminaire luminous flux	430.81 lm
Consumption	6 W
Luminaire efficacy	71 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra

UGR	
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 25
UGR axial	< 25

OPTICAL	
Light distribution simmetry	Symmetrical
Ottica C0/C180	94°



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.07 1.10	E(0°) 720 E(C90) 120 E(C0) 112
1.0	2.14 2.21	E(0°) 180 E(C90) 30 E(C0) 28
1.5	3.21 3.31	E(0°) 80 E(C90) 13 E(C0) 12
2.0	4.27 4.41	E(0°) 45 E(C90) 8 E(C0) 7
2.5	5.34 5.51	E(0°) 29 E(C90) 5 E(C0) 4
3.0	6.41 6.62	E(0°) 20 E(C90) 3 E(C0) 3

— C0/C180 (Half-peak divergence: 95.6°)  
— C90/C270 (Half-peak divergence: 93.8°)