

# Pool\_C1



Ceiling Lights | 100-240 V | topLED 20 W 500 mA | CRI 80  
**62931W00**



355

125 |  | 12,5/20

Technical data	
Type	Trimless
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Power	20 W
Luminous flux (source)	2730 lm
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
AC / DC	DC
Safety class	1
IP	IP20
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Operating temperature	-40°C / +85°C
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	3.37 Kg

Finishing casing	
Material	Aluminium
Colour	White RAL 9003
Processing	Coating

Finishing diffuser	
Material	PMMA
Colour	opaline

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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 78 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2730 lm, with a 136.5 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white ral 9003 finish, processed by means of coating; the diffuser is made of pmma. The ingress protection degree is IP20; the total weight is of 3.37 kg.

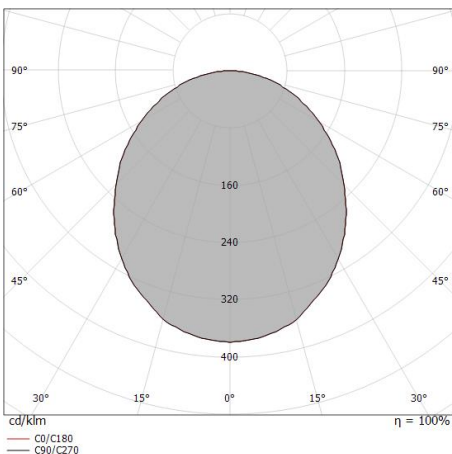
The total absorbed power is 20 W.

The device features protection class I and can be ceiling-mounted, with a 355 mm diameter hole (in plasterboard).

Illuminotechnical Features	
Light Output Ratio (LOR)	47 %
Luminous flux (source)	2730 lm
Luminaire luminous flux	1289 lm
Consumption	22 W
Luminaire efficacy	58 lm/W
Colour temperature	3000 K
Colour rendering index	80 Ra

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

OPTICAL	
Light distribution simmetry	Symmetrical
C0/C180 optics	103°



0.5	1.27	E(0°) E(C0)	51.7°	1957 234
1.0	2.53	E(0°) E(C0)	51.7°	489 58
1.5	3.80	E(0°) E(C0)	51.7°	217 26
2.0	5.06	E(0°) E(C0)	51.7°	122 15
2.5	6.33	E(0°) E(C0)	51.7°	78 9
3.0	7.60	E(0°) E(C0)	51.7°	54 6

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

— C0/C180 (Half-peak divergence: 103.4°)