



Ceiling Lights | 220-240 V
1 topLED 18 W DC - 21 W AC | CRI 90
CA001DWHMDI



65 |

□ 300 |

Technical data	
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Diffused
Light emission direction	downward
Nominal power	18 W DC
Total Power	21 W
Source lumens	2173 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	2700 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	Phase cut
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	2.600 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	Embossed white RAL 9003
Processing	Coating
Finishing diffuser	
Material	PC
Colour	opaline



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Single emission ceiling lights for indoor application. The super warm LED light source with a diffused light distribution is composed of 1 topped LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2173 lm, with a 120.7 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of PC. The ingress protection degree is IP20; the total weight is of 2.600 kg.

The total absorbed power is 21 W.

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

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

Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	58 %
Source lumens	2173 lm
Delivered lumens	1265 lm
Consumption	21 W
Luminaire efficacy	60 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature 25°C

LED Life / Failure Ratio

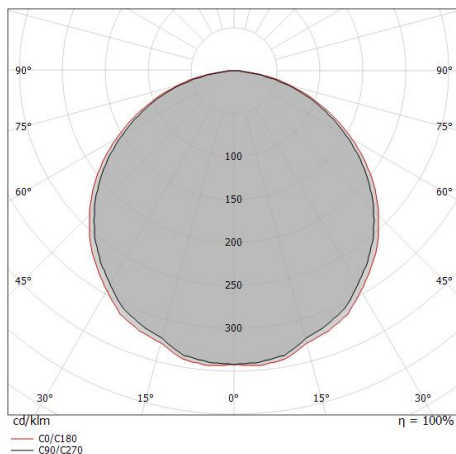
L70 B20 C0 72500h

UGR

UGR axial	23.3
UGR transversal	23.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	113°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	1.51 1.58	1732	56.4°	147	134
1.0	3.01 3.15	433	56.4°	37	34
1.5	4.52 4.73	192	56.4°	16	15
2.0	6.02 6.30	108	56.4°	9	8
2.5	7.53 7.88	69	56.4°	6	5
3.0	9.03 9.45	48	56.4°	4	4

— C0/C180 (Half-peak divergence: 115.2°)
— C90/C270 (Half-peak divergence: 112.8°)



Dimmer
220-240V

Code

KIT0026