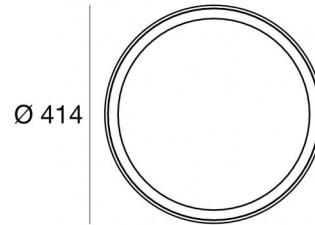




Ceiling Lights | 220-240 V
1 topLED 27 W DC - 31 W AC | CRI 90
CA005DBBMDI



65 |



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Diffused
Light emission direction	downward
Nominal power	27 W DC
Total Power	31 W
Source lumens	3056 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	3.900 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	Embossed black RAL 9005
Processing	Coating
Finishing diffuser	
Material	PC
Colour	opaline



Ceiling Lights | 220-240 V | 1 topLED 27 W DC - 31 W AC | CRI 90 | Base
CA005DBBMDI

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 3056 lm, with a 113.2 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a embossed black ral 9005 finish, processed by means of coating; the diffuser is made of PC. The ingress protection degree is IP20; the total weight is of 3.900 kg.

The total absorbed power is 31 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)	75 %
Source lumens	3056 lm
Delivered lumens	2294 lm
Consumption	31 W
Luminaire efficacy	74 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

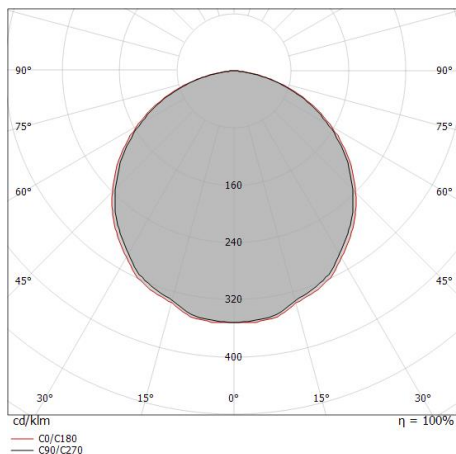
L70 B20 C0 72500h

UGR

UGR axial	23.1
UGR transversal	23.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	112°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	1.49 1.54	3229 281 262	56.1°	57.0°	57.0°
1.0	2.98 3.08	807 70 65	56.1°	57.0°	57.0°
1.5	4.46 4.62	359 31 29	56.1°	57.0°	57.0°
2.0	5.95 6.16	202 18 16	56.1°	57.0°	57.0°
2.5	7.44 7.70	129 11 10	56.1°	57.0°	57.0°
3.0	8.93 9.24	90 8 7	56.1°	57.0°	57.0°

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

— C0/C180 (Half-peak divergence: 114.0°)
— C90/C270 (Half-peak divergence: 112.2°)



Dimmer
220-240V

Code
KIT0026