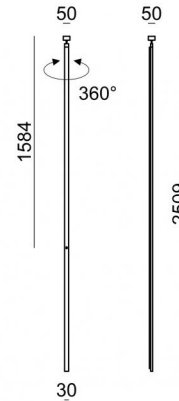


Ceiling Downlights | 220-240 V
8 topLED 20 W DC - 25 W AC | CRI 90



7774



Technical data	
Construction year	2014
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Double Asymmetric
Light emission direction	backward
Nominal power	20 W DC
Total Power	25 W
Source lumens	2926 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP20
Optical compartment IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Touch 5%-100%
Directional	Swivelling
total angle (vertical plane)	360 °
total angle (horizontal plane)	0 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Electric socket	Type C
Cable length	2.4 m
Resin potting	No
Type of light emission	Single emission
Net weight	3.175 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	translucent

Finishing diffuser	
Material	PMMA
Processing	Sandblasting

Ceiling Downlights | 220-240 V | 8 topLED 20 W DC - 25 W AC | CRI 90 | Base 7774

Single emission ceiling downlights for indoor application. The warm white LED light source with a double asymmetric light distribution is composed of 120 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2926 lm, with a 146.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a translucent finish; the diffuser is made of pmma with a sandblasting treatment. The ingress protection degree is IP20; the total weight is of 3.175 kg.

The total absorbed power is 25 W The power supply cable is included and features a 2.4 m length.

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

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

Energy efficiency class

This product contains 8 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	51 %
Source lumens	2926 lm
Delivered lumens	1497 lm
Consumption	25 W
Luminaire efficacy	59 lm/W
Colour temperature	3000 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

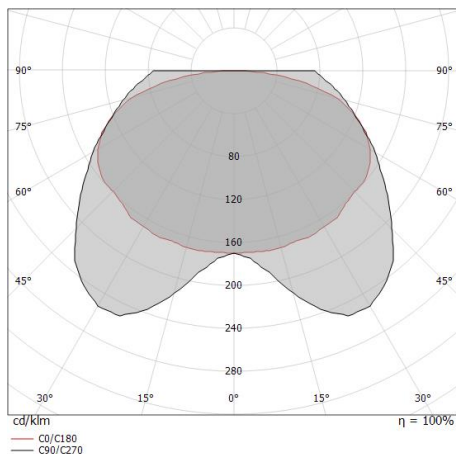
L80 B20 C0 80000h

UGR

UGR axial	26.2
UGR transversal	26.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	135°
C0/C180 optics	155°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.41 4.44	E(0°) 1017 E(C90) 43 E(C0) 5
1.0	4.83 8.87	E(0°) 254 E(C90) 11 E(C0) 1
1.5	7.24 13.31	E(0°) 113 E(C90) 5 E(C0) 1
2.0	9.66 17.75	E(0°) 64 E(C90) 3 E(C0) 0
2.5	12.07 22.19	E(0°) 41 E(C90) 2 E(C0) 0
3.0	14.49 26.62	E(0°) 28 E(C90) 1 E(C0) 0

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 154.6°)
— C90/C270 (Half-peak divergence: 135.0°)