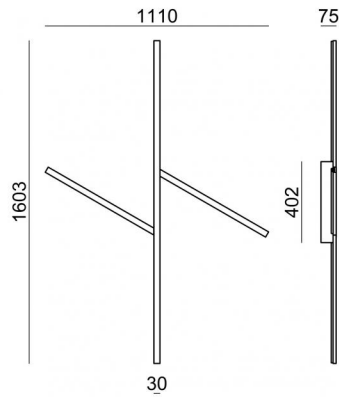


Ceiling Downlights | 220-240 V
8 topLED 40 W DC - 47 W AC | CRI 90



7770



Technical data	
Construction year	2014
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Double Asymmetric
Light emission direction	backward
Nominal power	40 W DC
Total Power	47 W
Source lumens	4956 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	1
IP	IP20
Optical compartment IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	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	3.05 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 40 W DC - 47 W AC | CRI 90 | Base 7770

Single emission ceiling downlights for indoor application. The warm white LED light source with a double asymmetric light distribution is composed of 60 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 4956 lm, with a 123.9 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 3.05 kg.

The total absorbed power is 47 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 8 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	65 %
Source lumens	4956 lm
Delivered lumens	3243 lm
Consumption	47 W
Luminaire efficacy	69 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

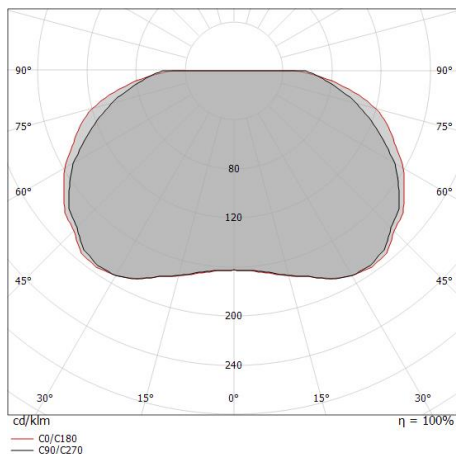
L80 B20 C0 80000h

UGR

UGR axial	17.8
UGR transversal	18.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	154°
C0/C180 optics	161°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	4.37 5.85	E(0°) 2107 E(C90) 14 E(C0) 6
1.0	8.73 11.70	E(0°) 527 E(C90) 3 E(C0) 2
1.5	13.10 17.55	E(0°) 234 E(C90) 2 E(C0) 1
2.0	17.46 23.40	E(0°) 132 E(C90) 1 E(C0) 0
2.5	21.83 29.25	E(0°) 84 E(C90) 1 E(C0) 0
3.0	26.20 35.10	E(0°) 59 E(C90) 0 E(C0) 0

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

— C0/C180 (Half-peak divergence: 160.6°)
— C90/C270 (Half-peak divergence: 154.2°)