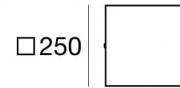
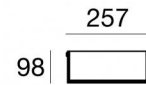




Wall Lights | 220-240 V
72 topLED 12 W DC - 15 W AC | CRI 80
90301



Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	12 W
CCT / Tone	3000 K
Source lumens	1824 lm
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 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	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Electrostatic discharge protection	No
Surge protection	No

Finishing diffuser	
Material	Glass
Colour	white
Processing	Sandblasting

Finishing mounting frame	
Material	Iron
Colour	Embossed white RAL 9003
Processing	Coating

Wall Lights | 220-240 V | 72 topLED 12 W DC - 15 W AC | CRI 80 | Color temperature : 3000 K
90301

Single emission wall lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 72 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1824 lm, with a 152.0 lm/W nominal luminous efficacy.

The diffuser is made of glass with a sandblasting treatment; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP20;

The total absorbed power is 12 W.

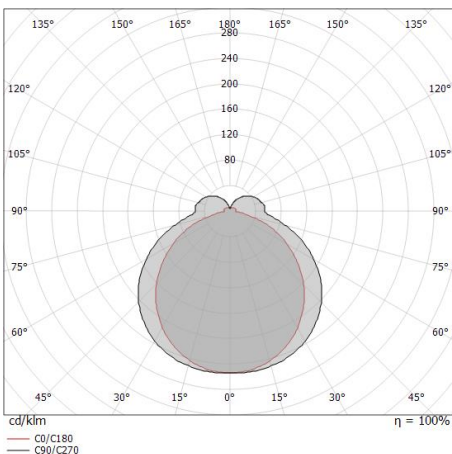
The device features protection class I and can be wall lights-mounted.

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

Illuminotechnical Features	
Light Output Ratio (LOR)	86 %
Source lumens	1824 lm
Delivered lumens	1569.42 lm
Consumption	15 W
Luminaire efficacy	104 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25
LED Life / Failure Ratio	
L70 B20 C0 72500h	

UGR	
UGR axial	24.9
UGR transversal	21
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Light distribution simmetry	Symmetrical 2
C0/C180 optics	108°
C90/C270 optics	133°



Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	2.29 1.39	1595	51	160
1.0	4.58 2.77	399	13	40
1.5	6.87 4.16	177	6	18
2.0	9.16 5.55	100	3	10
2.5	11.44 6.93	64	2	6
3.0	13.73 8.32	44	1	4

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

— C0/C180 (Half-peak divergence: 108.4°)
 — C90/C270 (Half-peak divergence: 132.8°)