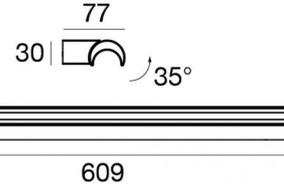


Wall Lights | 200-240 V | 96 topLED 18 W DC - 21 W AC | CRI 90
9803



Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	18 W DC
Total Power	21 W
Source lumens	2350 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	200 - 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	IP44
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	Swivelling
total angle (vertical plane)	35 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	1.220 Kg
Electrostatic discharge protection	Yes
Surge protection	Yes

Finishing Finishing casing

Material	Aluminium
Colour	Text white (R9003)
Processing	Coating

Finishing Finishing diffuser

Material	PC
Colour	opaline

Finishing Finishing mounting frame

Material	Aluminium
Colour	Text white (R9003)
Processing	Coating

Wall Lights | 200-240 V | 96 topLED 18 W DC - 21 W AC | CRI 90 | Base
9803

Single emission wall lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 96 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2350 lm, with a 130.6 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text white (r9003) finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of aluminium, with a text white (r9003) finish, processed by means of coating.

The ingress protection degree is IP44; the total weight is of 1.220 kg.

The total absorbed power is 21 W

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

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

Energy efficiency class

This product contains 2 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	64 %
Source lumens	2350 lm
Delivered lumens	1517 lm
Consumption	21 W
Luminaire efficacy	72 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

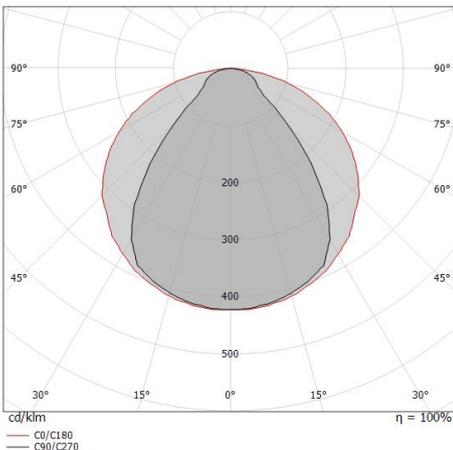
L70 B20 C0 72500h

UGR

UGR axial	21.4
UGR transversal	27.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	81°
C0/C180 optics	124°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.85 1.87	E(0°) 2566 E(C90) 573 E(C0) 134
1.0	1.70 3.75	E(0°) 642 E(C90) 143 E(C0) 34
1.5	2.54 5.62	E(0°) 285 E(C90) 64 E(C0) 15
2.0	3.39 7.48	E(0°) 160 E(C90) 36 E(C0) 8
2.5	4.24 9.36	E(0°) 103 E(C90) 23 E(C0) 5
3.0	5.09 11.24	E(0°) 71 E(C90) 16 E(C0) 4

— C0/C180 (Half-peak divergence: 123.8°)
— C90/C270 (Half-peak divergence: 80.6°)