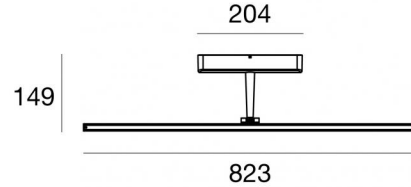
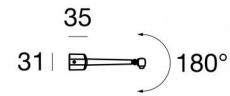


Straight_W



Wall Lights | 220-240 V
80 topLED 15 W DC - 19 W AC | CRI 90
8209



Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Indoor
Light Source	LED
Total Power	19 W
Source lumens	1957 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	2
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 (horizontal plane)	180 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Double emission
Net weight	0.390 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	Embossed white RAL 9003
Processing	Coating
Finishing diffuser	
Material	PC
Colour	opaline
Finishing mounting frame	
Material	ABS
Colour	Embossed white RAL 9003



Wall Lights | 220-240 V | 80 topLED 15 W DC - 19 W AC | CRI 90 | Base 8209

Double emission wall lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 80 topLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1957 lm, with a 130.5 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of ABS, with a embossed white ral 9003 finish. The ingress protection degree is IP44; the total weight is of 0.390 kg.

The total absorbed power is 19 W.

The device features protection class II 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)	38 %
Source lumens	1957 lm
Delivered lumens	756 lm
Consumption	19 W
Luminaire efficacy	39 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

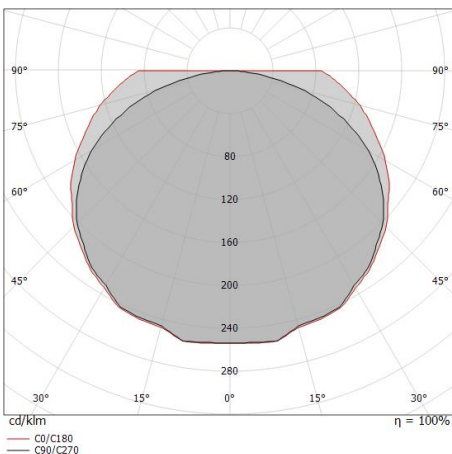
L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	18.7
UGR transversal	15.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	129°
C0/C180 optics	148°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	2.09 3.51	E(0°) 767 E(C90) 31 E(C0) 8
1.0	4.17 7.02	E(0°) 192 E(C90) 8 E(C0) 2
1.5	6.26 10.53	E(0°) 85 E(C90) 3 E(C0) 1
2.0	8.35 14.04	E(0°) 48 E(C90) 2 E(C0) 0
2.5	10.44 17.55	E(0°) 31 E(C90) 1 E(C0) 0
3.0	12.52 21.06	E(0°) 21 E(C90) 1 E(C0) 0

— C0/C180 (Half-peak divergence: 148.2°)
— C90/C270 (Half-peak divergence: 128.8°)