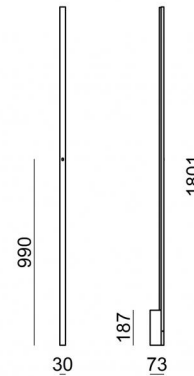


Xilema_W1



Wall Lights | 220-240 V
80 topLED 20 W DC - 25 W AC | CRI 90
7777



Technical data	
Construction year	2014
Type	Surface
Installation position	Wall lights
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	2556 lm
Voltage	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	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Electric socket	Type C
Cable length	3 m
Resin potting	No
Type of light emission	Single emission
Net weight	2.565 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	White
Processing	Coating

Finishing diffuser	
Material	PMMA
Processing	Sandblasting



Wall Lights | 220-240 V | 80 topLED 20 W DC - 25 W AC | CRI 90 | Base 7777

Single emission wall lights for indoor application. The warm white LED light source with a double asymmetric light distribution is composed of 80 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2556 lm, with a 127.8 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of pmma with a sandblasting treatment. The ingress protection degree is IP20; the total weight is of 2.565 kg.

The total absorbed power is 25 W. The power supply cable is included and features a 3 m length.

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 6 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	57 %
Source lumens	2556 lm
Delivered lumens	1459 lm
Consumption	25 W
Luminaire efficacy	58 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

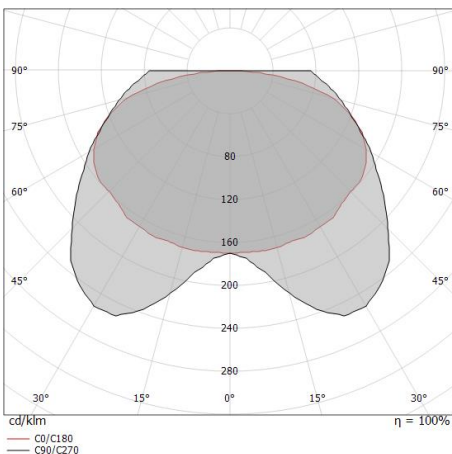
L80 B20 C0 80000h

UGR

UGR axial	27.5
UGR transversal	27.8
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°) 991 E(C90) 41 E(C0) 5
1.0	4.83 8.87	E(0°) 248 E(C90) 10 E(C0) 1
1.5	7.24 13.31	E(0°) 110 E(C90) 5 E(C0) 1
2.0	9.66 17.75	E(0°) 62 E(C90) 3 E(C0) 0
2.5	12.07 22.19	E(0°) 40 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°)