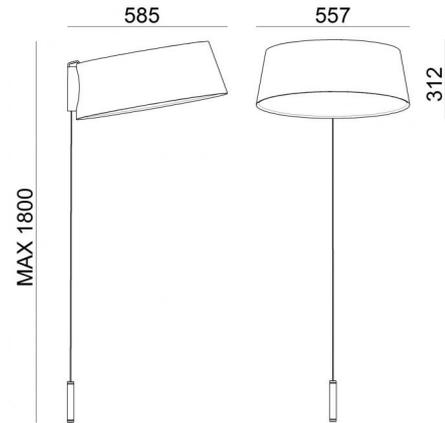


# Oxygen\_W2



Wall Lights | 220-240 V  
70 topLED 31 W DC - 36 W AC | CRI 90  
8189



Technical data	
Construction year	2018
Type	Surface
Installation position	Wall lights
Installation environment	Indoor
Light Source	LED
Optics	Diffused
Light emission direction	downward
Nominal power	31 W DC
Total Power	36 W
Source lumens	3431 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	4.5 m
Resin potting	No
Type of light emission	Double emission
Net weight	7.4 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	PU
Colour	white

Finishing diffuser	
Material	PMMA
Colour	transparent
Processing	Laser engravings



Wall Lights | 220-240 V | 70 topLED 31 W DC - 36 W AC | CRI 90 | Base 8189

Double emission wall lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 70 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 3431 lm, with a 110.7 lm/W nominal luminous efficacy.

The device body is made of pu and features a white finish; the diffuser is made of pmma with a laser engravings treatment. The ingress protection degree is IP20; the total weight is of 7.4 kg.

The total absorbed power is 36 W. The power supply cable is included and features a 4.5 m length.

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 F.

## Illuminotechnical Features

Light Output Ratio (LOR)	63 %
Source lumens	3431 lm
Delivered lumens	2165 lm
Consumption	36 W
Luminaire efficacy	60 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

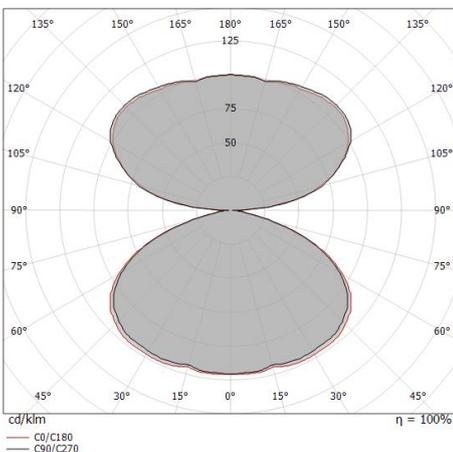
L80 B20 C0 80000h

## UGR

UGR axial	12.7
UGR transversal	12.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C0/C180 optics	138°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.61 2.63	E(0°) 1048 E(C90) 24 E(C0) 24
1.0	5.21 5.27	E(0°) 262 E(C90) 6 E(C0) 6
1.5	7.82 7.90	E(0°) 116 E(C90) 3 E(C0) 3
2.0	10.42 10.53	E(0°) 66 E(C90) 2 E(C0) 1
2.5	13.03 13.16	E(0°) 42 E(C90) 1 E(C0) 1
3.0	15.63 15.80	E(0°) 29 E(C90) 1 E(C0) 1

— C0/C180 (Half-peak divergence: 138.4°)  
— C90/C270 (Half-peak divergence: 138.0°)