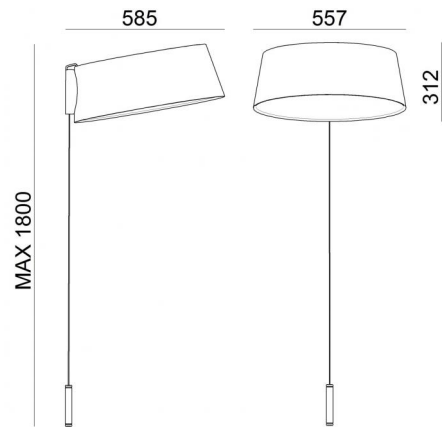
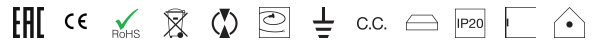


Oxygen_W2



Wall Lights | 220-240 V
70 topLED 31 W DC - 36 W AC | CRI 90
8190



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	Black/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 8190

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 black/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

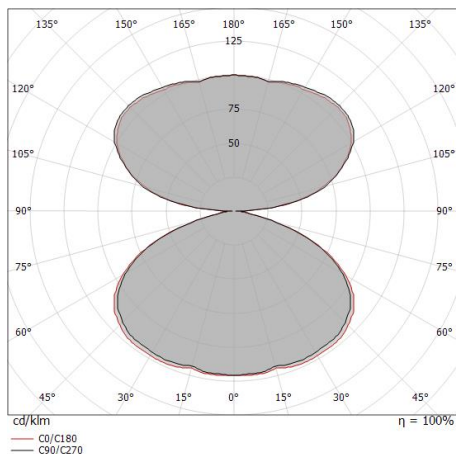
L80 B20 C0 80000h

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]	Beam 1 (C0/C180)	Beam 2 (C90/C270)	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	2.61 2.63	1048	24	24	24	24	24
1.0	5.21 5.27	262	6	6	6	6	6
1.5	7.82 7.90	116	3	3	3	3	3
2.0	10.42 10.53	66	2	2	2	2	2
2.5	13.03 13.16	42	1	1	1	1	1
3.0	15.63 15.80	29	1	1	1	1	1

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

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