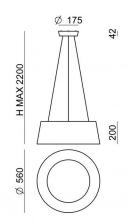
## Oxygen\_P

#### Pendant Luminaires | 220-240 V 70 topLED 31 W DC - 36 W AC | CRI 90 8090



Technical data	
Designer	Pio e Tito Toso
Construction year	2016
Туре	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward and upward
Power	31 W
Source lumens	4042 lm
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	DALI
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	2.2 m
Resin potting	No
Type of light emission	Double emission
Net weight	6,060 Kg
Electrostatic discharge protection	No
Surge protection	No

### 



Finishing casing	
Material	PU
Colour	white
Finishing diffuser	
Material	PMMA
Colour	transparent
Processing	Laser engravings
Finishing mountin	ng frame
Material	Iron
Colour	white
Processing	Coating
Cables Electrificat	tion+suspension
Max cable length	2200 mm

# Oxygen\_P

## Pendant Luminaires | 220-240 V | 70 topLED 31 W DC - 36 W AC | CRI 90 | Base 8090

Double emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 70 topled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 4042 lm, with a 130.4 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 mounting frame is made of iron, with a white finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 6,060 kg.

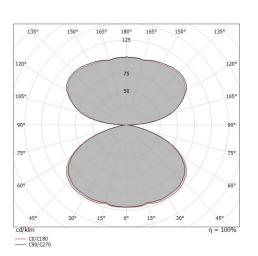
The total absorbed power is 31 W. The power supply cable is included and features a 2.2 m lenght.

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

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

Light Output Ratio (LOR)	53 %
Source lumens	4042 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
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	
Light distribution simmetry	Symmetrical
C0/C180 optics	138°



2.61 2.63 5.21 5.27	E(C9) E(C0)	69.0° 69.2°	24 24
5.21	E(0°)		
5.2/	E(C90) E(C0)	69.0° 69.2°	262 6
7.82 7.90	E(0°) E(C90) E(C0)	69.0° 69.2°	116 3 3
10.42 10.53	E(0°) E(C90) E(C0)	69.0° 69.2°	66 2 1
13.03 13.16	E(0°) E(C90) E(C0)	69.0° 69.2°	42 1 1
15.63 15.80	E(0°) E(C90) E(C0)	69.0° 69.2°	29 1 1
	10.42 10.53 13.03 13.16	7.82     E(C90)       10.42     E(0°)       110.53     E(0°)       12.03     E(0°)       13.03     E(C90)       13.03     E(C90)       15.63     E(0°)       Cone dameter [m]     E(C90)	7.82     E(CO)     69.0*       10.42     E(CO)     69.2*       10.53     E(CO)     69.2*       13.03     E(CO)     69.2*       13.03     E(CO)     69.2*       15.63     E(CO)     69.2*       15.63     E(CO)     69.2*       Cone dameter (m)     Ulumina

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

Oxygen\_P | Pendant Luminaires | Accessories 8090



Dimmer Bluetooth, 220-240V **Code** KIT0079