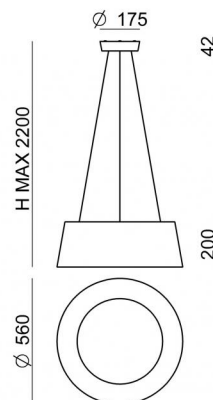
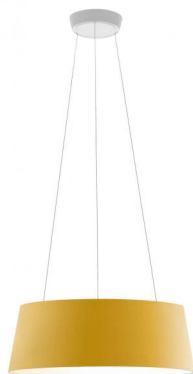


Pendant Luminaires | 220-240 V  
2 topLED 31 W DC - 36 W AC | CRI 90

8091



Technical data	
Designer	Pio e Tito Toso
Construction year	2016
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward and upward
Nominal power	31 W DC
Total Power	36 W
Source lumens	3431 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	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	DALI - PUSH DIM
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	6.06 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	PU
Colour	Yellow/white
Finishing diffuser	
Material	PMMA
Colour	transparent
Processing	Laser engravings
Finishing mounting frame	
Material	metal
Colour	White
Processing	Coating

Pendant Luminaires | 220-240 V | 2 topLED 31 W DC - 36 W AC | CRI 90 | Base 8091

Double emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 70 topLEDs 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 yellow/white finish; the diffuser is made of pmma with a laser engravings treatment; the mounting frame is made of metal, with a white finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 6.06 kg.

The total absorbed power is 36 W The power supply cable is included and features a 2.2 m length.

The device features protection class I and can be ceiling-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**

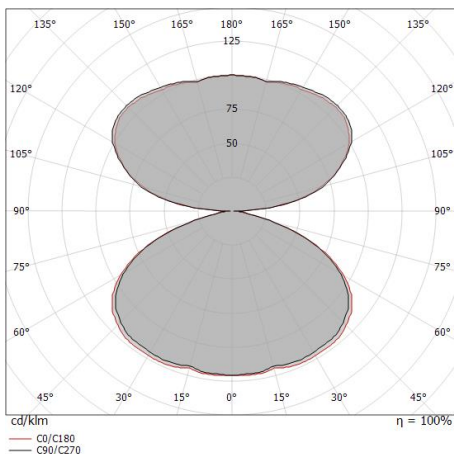
L80 B20 C0 80000h

**UGR**

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

**OPTICAL**

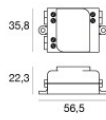
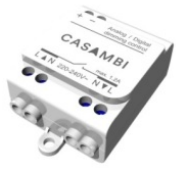
C0/C180 optics	138°
Light distribution simmetry	Symmetrical



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°)

Oxygen\_P | Pendant Luminaires | Accessories  
**8091**



Dimmer - 0-10V, 1-10V or DALI dimming interface  
Bluetooth, 220-240V

**Code**  
KIT0079