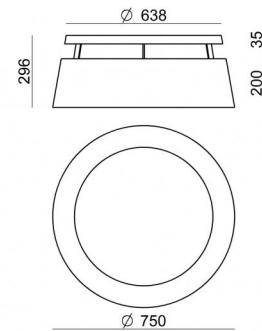


# Oxygen\_S



Plafón | 220-240 V  
200 topLED 42 W DC - 50 W AC | CRI 90  
8088



| Datos técnicos  |                     |
|---|---------------------|
| Designer  | Pio e Tito Toso     |
| Año de realización  | 2016                |
| Tipo  | Superficie          |
| Posición de instalación                                   | Techo               |
| Ambiente de instalación                                   | Interiores          |
| Fuente de luz   | LED                 |
| Óptica  | General Lighting    |
| Light emission direction                                  | downward and upward |
| Potencia  | 42 W                |
| Flujo luminoso (fuente)                                   | 4778 lm             |
| Frequency   | 60 - 50 Hz          |
| CCT / Tone  | 3000 K              |
| Índice de rendimientos cromático                          | 90 Ra               |
| C.C. / C.V.   | AC                  |
| Clase de aislamiento                                      | 1                   |
| IP  | IP20                |
| Test del hilo incandescente                               | 650°                |
| Montaje directo sobre superficies normalmente inflamables | Sí                  |
| CE  | Sí                  |
| Driver incluido.  | driver              |
| Artículo regulable  | DALI - PUSH DIM     |
| Orientabilidad  | No                  |
| Basculación   | No                  |
| Practicabilidad   | No                  |
| Transitabilidad   | No                  |
| Cable incluido.   | No                  |
| Resinado  | No                  |
| Tipología de emisión luminosa                             | Dos emisiones       |
| Peso neto   | 12.2 Kg             |
| Protección descargas electrostáticas                      | No                  |
| Protección contra sobretensiones                          | No                  |

| Acabado cuerpo  |                         |
|-----------------|-------------------------|
| Material        | PU                      |
| Color           | Azul/blanco             |
| Acabado difusor |                         |
| Material        | PMMA                    |
| Color           | transparente            |
| Acabado montura |                         |
| Material        | metal                   |
| Color           | relieve blanco RAL 9003 |
| Elaboración     | Pintura                 |



Plafón | 220-240 V | 200 topLED 42 W DC - 50 W AC | CRI 90  
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Double emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 200 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 4778 lm, with a 113.8 lm/W nominal luminous efficacy.

The device body is made of pu and features a azure/white finish; the diffuser is made of pmma with a laser engravings treatment; the mounting frame is made of metal, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 12.2 kg.

The total absorbed power is 50 W.

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

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

### Clase de eficiencia energética

Este producto contiene 2 fuentes de luz de clase de eficiencia energética F.

### Características Luminotécnicas

|   |                |
|---|----------------|
| Light Output Ratio (LOR)                      | 68 %           |
| Flujo luminoso (fuente)                       | 4778 lm        |
| Flujo luminoso de luminaria                   | 3255 lm        |
| Consumption                                   | 50 W           |
| Rendimiento luminoso de las luminarias        | 65 lm/W        |
| Temperatura de color                          | 3000 K         |
| Standard Deviation of Colour Matching         | 3 Step MacAdam |
| Índice de rendimientos cromático              | 90 Ra          |
| Temperatura de unión (luminaria)              | 80             |
| Temperatura estándar del ambiente de servicio | 25             |

### LED Life / Failure Ratio

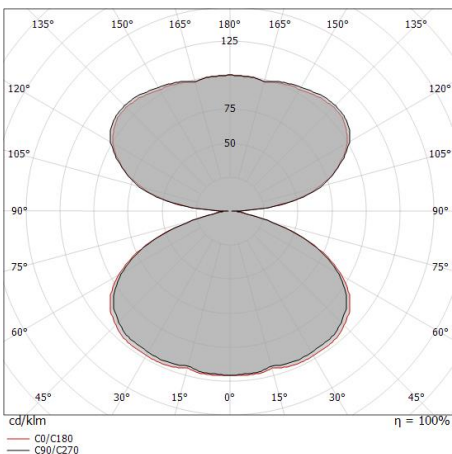
L80 B20 C0 80000h

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 11.6     |
| UGR transversal   | 11.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

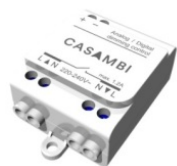
### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Light distribution symmetry | Symmetrical |
| Óptica C0/C180              | 138°        |



| Distance [m] | Cone diameter [m] | illuminance [lx]                    |
|--------------|-------------------|-------------------------------------|
| 0.5          | 2.61<br>2.63      | E(0°) 1576<br>E(C90) 36<br>E(C0) 36 |
| 1.0          | 5.21<br>5.27      | E(0°) 394<br>E(C90) 9<br>E(C0) 9    |
| 1.5          | 7.82<br>7.90      | E(0°) 175<br>E(C90) 4<br>E(C0) 4    |
| 2.0          | 10.42<br>10.53    | E(0°) 98<br>E(C90) 2<br>E(C0) 2     |
| 2.5          | 13.03<br>13.16    | E(0°) 63<br>E(C90) 1<br>E(C0) 1     |
| 3.0          | 15.63<br>15.80    | E(0°) 44<br>E(C90) 1<br>E(C0) 1     |

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



Dimmer  
Bluetooth, 220-240V

**Code**  
KIT0079