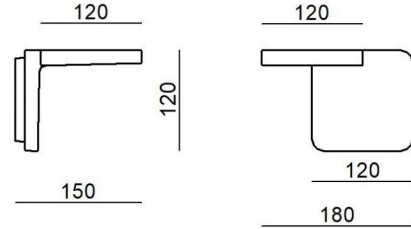
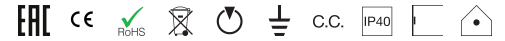


# Quad\_W



Wall Lights | 21 topLED 9 W DC 500 mA | CRI 90  
7750



| Technical data                                 |                 |
|------------------------------------------------|-----------------|
| Designer                                       | Pio e Tito Toso |
| Construction year                              | 2014            |
| Type                                           | Surface         |
| Installation position                          | Wall lights     |
| Installation environment                       | Indoor          |
| Light Source                                   | LED             |
| Circuit structure                              | topLED          |
| Optics                                         | Diffused        |
| Light emission direction                       | downward        |
| Nominal power                                  | 9 W DC          |
| Source lumens                                  | 1301 lm         |
| Frequency                                      | 50-60 Hz        |
| CCT / Tone                                     | 3000 K          |
| Colour rendering index                         | 90 Ra           |
| C.C. / C.V.                                    | DC              |
| Safety class                                   | 1               |
| IP                                             | IP40            |
| Optical compartment IP                         | IP40            |
| Glow wire test                                 | 850°            |
| Direct mounting on normally flammable surfaces | Yes             |
| CE                                             | Yes             |
| Dimmable article                               | Phase cut       |
| Directional                                    | No              |
| Tilting                                        | No              |
| Walk-over                                      | No              |
| Drive-over                                     | No              |
| Cable included                                 | No              |
| Resin potting                                  | No              |
| Type of light emission                         | Single emission |
| Net weight                                     | 0.7 Kg          |
| Electrostatic discharge protection             | No              |
| Surge protection                               | No              |

## Finishing casing

|            |           |
|------------|-----------|
| Material   | Aluminium |
| Colour     | White     |
| Processing | Coating   |

## Finishing diffuser

|          |             |
|----------|-------------|
| Material | PC          |
| Colour   | transparent |

## Electronics

012000650000  
Controller (- art.)



Wall Lights | 21 topLED 9 W DC 500 mA | CRI 90 | Base 7750

Single emission wall lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 21 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1301 lm, with a 144.6 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of PC. The ingress protection degree is IP40; the total weight is of 0.7 kg.

The total absorbed power is 9 W.

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 a light source of energy efficiency class D.

### Illuminotechnical Features

|                                         |                |
|-----------------------------------------|----------------|
| Light Output Ratio (LOR)                | 88 %           |
| Source lumens                           | 1301 lm        |
| Delivered lumens                        | 1155 lm        |
| Consumption                             | 11 W           |
| Luminaire efficacy                      | 105 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

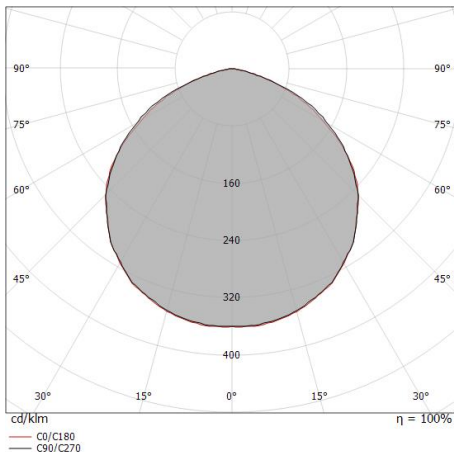
L70 B20 C0 72500h (at Tj 115 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 31.1     |
| UGR transversal   | 31.1     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 112°        |
| Light distribution simmetry | Symmetrical |



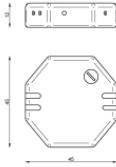
| Distance [m] | Cone diameter [m] | E(0°) | E(C90)       | E(C0)        | Illuminance [lx] |
|--------------|-------------------|-------|--------------|--------------|------------------|
| 0.5          | 1.51<br>1.48      | 1665  | 56.4°<br>141 | 56.0°<br>146 |                  |
| 1.0          | 3.01<br>2.97      | 416   | 56.4°<br>35  | 56.0°<br>37  |                  |
| 1.5          | 4.52<br>4.45      | 185   | 56.4°<br>16  | 56.0°<br>16  |                  |
| 2.0          | 6.02<br>5.83      | 104   | 56.4°<br>9   | 56.0°<br>9   |                  |
| 2.5          | 7.53<br>7.41      | 67    | 56.4°<br>6   | 56.0°<br>6   |                  |
| 3.0          | 9.03<br>8.90      | 46    | 56.4°<br>4   | 56.0°<br>4   |                  |

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

— C0/C180 (Half-peak divergence: 112.0°)  
— C90/C270 (Half-peak divergence: 112.8°)



Quad\_W | Wall Lights | Accessories  
7750



Dimmer  
220-240V

**Code**  
KIT0026



Dimmer  
Radio-frequenza, 85-240V

**Code**  
KIT0080