



## descrizione/description

apparecchio da incasso con struttura in alluminio, finiture verniciato, disponibile anche in versione wall/washer. facilmente installabile sistema easy to fit molle a pressione, fornito con driver e modulo led integrati. dimmerabile.

recessed luminaire, aluminum structure. finishes painted. with easy to fit system, pressure springs. supplied with led module and driver integrated. dimmable.

## caratteristiche principali nominali /key features

|                     |                                |                               |                      |
|---------------------|--------------------------------|-------------------------------|----------------------|
| <b>6W</b><br>POWER  | <b>840 lm</b><br>LUMINOUS FLUX | <b>140 lm/W</b><br>EFFICACY   | <b>3000 K</b><br>CCT |
| <b>CRI90</b><br>CRI | <b>DIM</b><br>DIMMABLE         | <b>UGR &lt; 22</b><br>CIE 117 | <b>INDOOR</b><br>USE |

## dati tecnici / technical data

| elettrici/electrical                  |                                    |
|---------------------------------------|------------------------------------|
| potenza/power                         | 6W                                 |
| tensione di ingresso/input Voltage    | 230V                               |
| alimentatore/driver                   | incasso soffitto /ceiling recessed |
| dimmerazione/dimming                  | DALI push                          |
| fattore di potenza/power Factor       | > 0,90                             |
| classe di isolamento/insulation Class | class III                          |
| grado di protezione/ protection       | IP44                               |

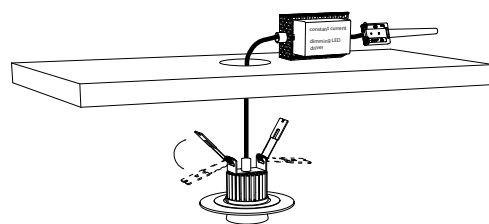
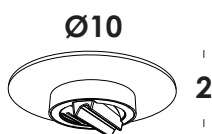
| fotometrici/photometric                   |                      |
|-------------------------------------------|----------------------|
| lumen sorgente/Luminous Flux source       | 840 lm               |
| lumen apparecchio/luminous flux luminair  | 588 lm               |
| efficienza luminosa/Efficacy              | 140 lm/W             |
| CCT                                       | 3000 K               |
| CRI                                       | > 90                 |
| MacAdam                                   | 3 SDCM               |
| angolo di emissione/beam Angle            | 16°                  |
| UGR                                       | < 22, CIE 117        |
| distribuzione luminosa/light Distribution | sul muro/on the wall |
| sicurezza fotobiologica/Photobio. Safety  | RG0 (IEC 62471)      |

| materiali/material |                     |
|--------------------|---------------------|
| corpo/body         | alluminio/aluminum  |
| terminali/end caps | -                   |
| finitura/finish    | verniciato /painted |
| diffusore/diffuser | ottica/optical 60°  |
| cavo/cable         | -                   |
| coprifilo/canopy   | -                   |

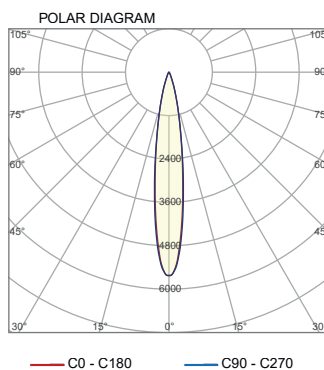
| installazione/installation            |                                   |
|---------------------------------------|-----------------------------------|
| installazione/Mounting                | incasso soffitto/recessed ceiling |
| dimensioni/dimension                  | Ø10x2cm                           |
| foro/cutout                           | Ø7cm                              |
| coprifilo/canopy                      | -                                 |
| peso/weight                           | 200gr approx.                     |
| temp. esercizio/operating temperature | 0°C / +35°C                       |
| temp. stoccaggio/storage temperature  | -20°C / +50°C                     |



foro/cutout Ø7cm



## dati fotometrici/photometrical data



CONICAL DIAGRAM

| H (m) | Ø (m) | Emax (lx) |
|-------|-------|-----------|
| 1.0   | 0.29  | 5627      |
| 2.0   | 0.58  | 1407      |
| 3.0   | 0.86  | 625       |
| 4.0   | 1.15  | 352       |
| 5.0   | 1.44  | 225       |

Beam angle: 16°

## UGR table (CIE 117)

| Room size | 70 / 50 / 20 | 70 / 30 / 20 | 50 / 30 / 20 | 30 / 30 / 20 |
|-----------|--------------|--------------|--------------|--------------|
| 2H x 2H   | 13.5         | 13.9         | 14.1         | 13.9         |
| 3H x 3H   | 14.8         | 15.2         | 15.6         | 15.6         |
| 4H x 4H   | 15.3         | 15.7         | 16.2         | 16.4         |
| 6H x 6H   | 16.0         | 16.4         | 16.8         | 16.9         |
| 8H x 8H   | 16.3         | 16.5         | 17.0         | 17.3         |
| 12H x 12H | 16.2         | 16.4         | 16.9         | 17.2         |

## luminous intensity table (cd/klm)

| C0 - C180 |    |       |  | C90 - C270 |    |       |  |
|-----------|----|-------|--|------------|----|-------|--|
| Angle (°) | 0  | 5627  |  | Angle (°)  | 0  | 5627  |  |
| Angle (°) | 15 | 851   |  | Angle (°)  | 15 | 842   |  |
| Angle (°) | 30 | 70.19 |  | Angle (°)  | 30 | 61.64 |  |
| Angle (°) | 45 | 17.20 |  | Angle (°)  | 45 | 16.23 |  |
| Angle (°) | 60 | 7.45  |  | Angle (°)  | 60 | 7.31  |  |
| Angle (°) | 75 | 3.58  |  | Angle (°)  | 75 | 3.39  |  |
| Angle (°) | 90 | 0.02  |  | Angle (°)  | 90 | 0.02  |  |

## file disponibile / files available

|         |                    |
|---------|--------------------|
| .IES    | IES file           |
| .LDT    | LDT file           |
| .PDF    | Photometric report |
| 2D / 3D | CAD files          |
| BIM     | BIM files          |

photometric data to be verified according to final project conditons.

UGR calculated according to CIE 117-1995.

value depend from room geometry, reflection depend from room geometry, reflection and viewing direction.

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