# Vesoi - italia

MADE IN ITALIA

## pendaglio 14/incasso - UGR controlled

**apparecchio spot da incasso** - *recessed spot luminaire*

**report tecnico interno**/*internal basic tech. report - data sheet*

*date* 17/09/2026

*code* inc00044-55

### descrizione/*description*

apparecchio da incasso con struttura in alluminio, finitura verniciato, disponibile facilmente installabile con sistema *easy to fit* molle a pressione, fornito con driver e modulo *LED integrato.* diffusore in vetro soffiato pyrex . *dimmerabile.*

*recessed luminaire, aluminum structure. finishes painted. easy to install with system easy to fit with invisible pressure springs. supplied with led module and driver integrated. diffuser in clear pyrex blow glass. dimmable.*

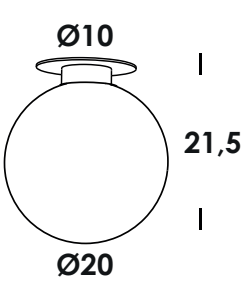
### caratteristiche principali/*key features*

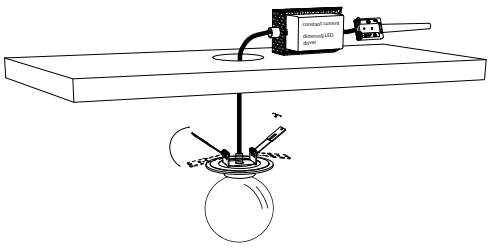
| | | | |
|---|---|---|---|
| 5W POWER | 500 lm LUMINOUS FLUX | 140 lm/W *EFFICACY* | 3000 K CCT |
| CRI90 *CRI* | DIM *DIMMABLE* | UGR < 22 *CIE 117* | INDOOR *USE* |

### dati tecnici / *technical data*

| | |
|---|---|
| **elettrici/*electrical*** | |
| potenza/*power* | 5W |
| 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* | *500lm* |
| lumen apparecchio/*luminous flux luminair* | *350lm* |
| 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* | diretta/*direct* |
| sicurezza fotobiologica/*photobio. safety* | *RG0 (IEC 62471)* |
| ***materiali/material*** | |
| corpo/*body* | alluminio/*aluminum* |
| terminali/*end caps* | - |
| finitura/*finish* | verniciato /*painted* |
| diffusore/*diffuser* | vetro soffiato/ *clear blow glass* |
| cavo/*cable* | - |
| coprifilo/*canopy* | - |
| **installazione/*installation*** | |
| installazione/*mounting* | *incasso soffitto/recessed ceiling* |
| dimensioni/*dimension* | *Ø20x21,5cm* |
| foro/*cutout* | *Ø5cm* |
| coprifilo/*canopy* | - |
| peso/*weight* | *200gr approx* |
| temp. esercizio/*operating temperature* | *0°C / +35°C* |
| temp. stoccaggio/*storage temperature* | *-20°C / +50°C* |

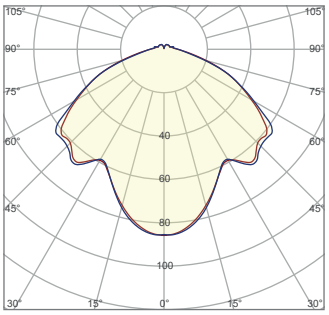
foro/*cutout* Ø5cm



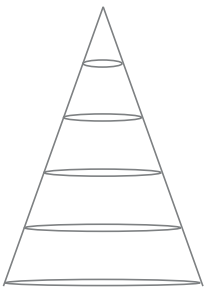
### dati fotometrici/*photometrical data*

POLAR DIAGRAM




C0 - C180 C90 - C270

CONICAL DIAGRAM



Beam angle: 16°

| H (m) | Ø (m) | Emax (lx) |
|---|---|---|
| 1.0 | 0.28 | 3535 |
| 2.0 | 0.56 | 884 |
| 3.0 | 0.84 | 393 |
| 4.0 | 1.12 | 221 |
| 5.0 | 1.41 | 141 |

### *UGR table (CIE 117)*

| *Room size* | 70 / 50 / 20 | 70 / 30 / 20 | 50 / 30 / 20 | 30 / 30 / 20 |
|---|---|---|---|---|
| 2H x 2H | 17.1 | 18.3 | 18.8 | 19. |
| 3H x 3H | 18.2 | 19.4 | 19.8 | 20.2 |
| 4H x 4H | 19.3 | 20.3 | 20.7 | 21.4 |
| 6H x 6H | 19.5 | 20.4 | 20.9 | 21.4 |
| 8H x 8H | 20.0 | 20.5 | 21.1 | 21.9 |
| 12H x 12H | 20.1 | 20.5 | 21.1 | 21.9 |

### *luminous intensity table* (cd/klm)

| C0 - C180 | | | C90 - C270 | | |
|---|---|---|---|---|---|
| Angle (°) | 0 | 85.81 | Angle (°) | 0 | 85.81 |
| Angle (°) | 15 | 80.37 | Angle (°) | 15 | 81.39 |
| Angle (°) | 30 | 59.14 | Angle (°) | 30 | 58.56 |
| Angle (°) | 45 | 65.28 | Angle (°) | 45 | 66.67 |
| Angle (°) | 60 | 46.52 | Angle (°) | 60 | 47.93 |
| Angle (°) | 75 | 29.52 | Angle (°) | 75 | 29.49 |
| Angle (°) | 90 | 6.34 | Angle (°) | 90 | 6.43 |

### 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 and viewing direction.*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