



## descrizione/description

apparecchio a sospensione regolabile in altezza su cavi di tenuta in acciaio. struttura in legno laccato. finiture verniciato bianco o nero. altri colori a richiesta. fornito con driver e box driver a soffitto, modulo led integrato. dimmerabile.

suspension luminaire adjustable in lenght on iron wires. structure in lacquered wood. finishes painted black or white. other color on request. supplied with driver and ceiling box driver, led module integrated. dimmable.

## caratteristiche principali/key features

51W  
POWER5750lm  
LUMINOUS FLUX70 lm/W  
EFFICACY3000 K  
CCTCRI80  
CRIDIM  
DIMMABLEUGR < 22  
CIE 117INDOOR  
USE

## dati tecnici / technical data

| elettrici/electrical                  |                             |
|---------------------------------------|-----------------------------|
| potenza/power                         | 51W                         |
| tensione di ingresso/input Voltage    | 220-240 V ~ 50/60 Hz        |
| alimentatore/driver                   | box soffitto/ceiling canopy |
| dimmerazione/dimming                  | DALI push                   |
| fattore di potenza/power factor       | > 0,90                      |
| classe di isolamento/insulation class | class I                     |
| grado di protezione/ protection       | IP20                        |

| fotometrici/photometric                   |                                 |
|-------------------------------------------|---------------------------------|
| lumen sorgente/luminous flux source       | 5750 lm                         |
| lumen apparecchio/luminous flux luminair  | 4025 lm                         |
| efficienza luminosa/efficacy              | 70 lm/W                         |
| CCT                                       | 3000 K                          |
| CRI                                       | > 80                            |
| MacAdam                                   | 3 SDCM                          |
| angolo di emissione/beam angle            | 120°                            |
| UGR                                       | < 22, CIE 117                   |
| distribuzione luminosa/light Distribution | lineare diffusa/diffused linear |
| sicurezza fotobiologica/Photobio. Safety  | RG0 (IEC 62471)                 |

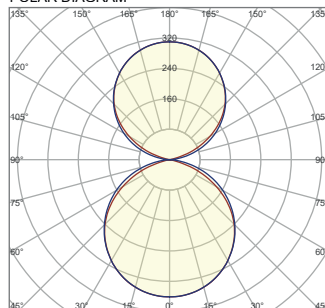
| materiali/material |                                         |
|--------------------|-----------------------------------------|
| corpo/body         | legno/wood                              |
| terminali/end caps | -                                       |
| finitura/finish    | verniciato/painted                      |
| diffusore/diffuser | lineare/linear diffuser                 |
| cavo/cable         | cavo nero coassiale/black coaxial cable |
| coprifilo/canopy   | alluminio/aluminium                     |

| installazione/installation             |                        |
|----------------------------------------|------------------------|
| installazione/Mounting                 | sospensione/suspension |
| lunghezza standard/standard length     | 150 cm                 |
| lunghezza cavo regolabile/cable length | 240 cm adjustable      |
| coprifilo/canopy                       | 18x6x4cm               |
| peso/weight                            | approx 2kg             |
| temp. esercizio/operating temperature  | 0°C / +35°C            |
| temp. stoccaggio/storage temperature   | -20°C / +50°C          |



## dati fotometrici/photometrical data

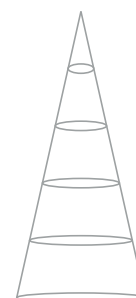
POLAR DIAGRAM



— C0 - C180

— C90 - C270

CONICAL DIAGRAM



Beam angle: 67°

| H (m) | Ø (m) | Emax (lx) |
|-------|-------|-----------|
| 1.0   | 1.3   | 752       |
| 2.0   | 2.7   | 188       |
| 3.0   | 4.0   | 83.5      |
| 4.0   | 5.3   | 47.0      |
| 5.0   | 6.7   | 30.1      |

## UGR table (CIE 117)

| Room size | 70 / 50 / 20 | 70 / 30 / 20 | 50 / 30 / 20 | 30 / 30 / 20 |
|-----------|--------------|--------------|--------------|--------------|
| 2H x 2H   | 19.2         | 20.0         | 20.8         | 21.9         |
| 3H x 3H   | 20.0         | 20.8         | 21.6         | 22.7         |
| 4H x 4H   | 20.8         | 21.8         | 22.3         | 23.4         |
| 6H x 6H   | 20.7         | 21.3         | 22.1         | 23.2         |
| 8H x 8H   | 20.8         | 21.0         | 22.0         | 23.2         |
| 12H x 12H | 20.7         | 20.9         | 21.9         | 23.0         |

## luminous intensity table (cd/klm)

| C0 - C180 |    |     | C90 - C270 |    |     |
|-----------|----|-----|------------|----|-----|
| Angle (°) | 0  | 752 | Angle (°)  | 0  | 752 |
| Angle (°) | 15 | 693 | Angle (°)  | 15 | 722 |
| Angle (°) | 30 | 563 | Angle (°)  | 30 | 638 |
| Angle (°) | 45 | 16  | Angle (°)  | 45 | 512 |
| Angle (°) | 60 | 55  | Angle (°)  | 60 | 345 |
| Angle (°) | 75 | 37  | Angle (°)  | 75 | 140 |
| Angle (°) | 90 | 8   | Angle (°)  | 90 | 0   |

## 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.

vesoi srl

80022 arzano (na) | via v. emanuele, 209 - d

t. +39 0815735613 | m. +39 339 64 81 160

vesoi @ vesoi.com