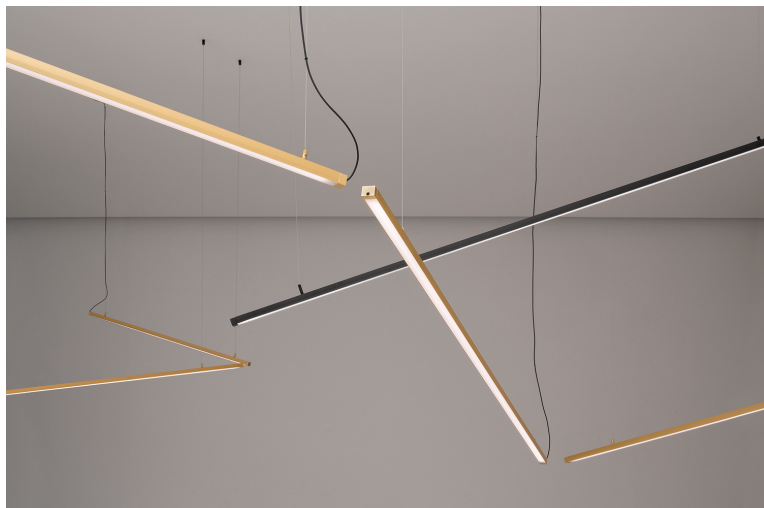




## descrizione/description

apparecchio a sospensione regolabile in altezza su cavi di tenuta in acciaio, versioni. struttura in alluminio verniciato nero, bianco, ottone.fornito con driver e box driver a soffitto, modulo led integrato. dimmerabile.

suspension luminaire adjustable in lenght on iron wires. painted aluminum structure totalblack, totalwhite and brass. supplied with driver and ceiling box driver, led module integrated. dimmable.

## caratteristiche principali/key features

|                                                                                                       |                                                                                                                    |                                                                                                                 |                                                                                                          |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
|  <b>22W</b><br>POWER |  <b>2750lm</b><br>LUMINOUS FLUX |  <b>138 lm/W</b><br>EFFICACY |  <b>3000 K</b><br>CCT |
|  <b>CRI80</b><br>CRI |  <b>DIM</b><br>DIMMABLE         |  <b>UGR = 22</b><br>CIE 117  |  <b>INDOOR</b><br>USE |

## dati tecnici / technical data

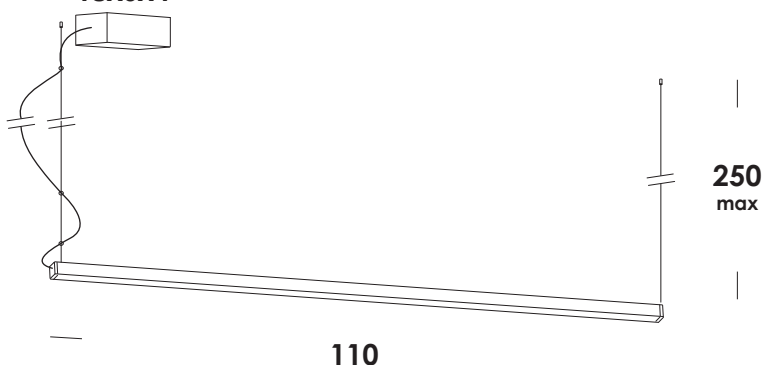
| elettrici/electrical                  |                             |
|---------------------------------------|-----------------------------|
| potenza/power                         | 22 W                        |
| tensione di ingresso/input Voltage    | 220-240 V ~ 50/60 Hz        |
| alimentatore/driver                   | 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       | 2750 lm                         |
| lumen apparecchio/luminous flux luminair  | 1925 lm                         |
| efficienza luminosa/Efficacy              | 138 lm/W                        |
| CCT                                       | 3000 K                          |
| CRI                                       | > 80                            |
| MacAdam                                   | 3 SDCM                          |
| angolo di emissione/beam Angle            | 80°                             |
| UGR                                       | = 22, CIE 117                   |
| distribuzione luminosa/light Distribution | lineare diffusa/diffused linear |
| sicurezza fotobiologica/Photobio. Safety  | RG0 (IEC 62471)                 |

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

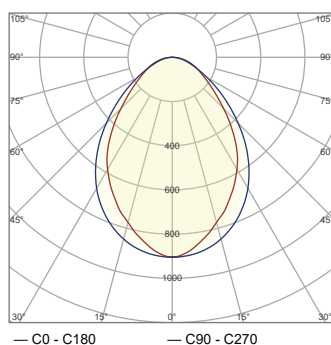
| installazione/installation             |                        |
|----------------------------------------|------------------------|
| installazione/Mounting                 | sospensione/suspension |
| lunghezza standard/standard length     | 110 cm                 |
| lunghezza cavo regolabile/cable length | 250 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          |

18x6x4

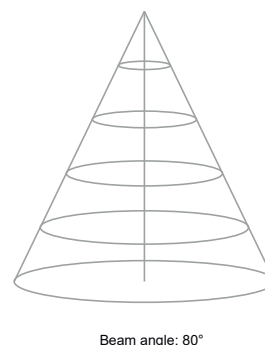


## dati fotometrici/photometrical data

POLAR DIAGRAM



CONICAL DIAGRAM



| H (m) | Ø (m) | E <sub>max</sub> (lx) |
|-------|-------|-----------------------|
| 1.0   | 1.7   | 905                   |
| 2.0   | 3.4   | 226                   |
| 3.0   | 5.0   | 101                   |
| 4.0   | 6.7   | 56.5                  |
| 5.0   | 8.4   | 36.1                  |

## UGR table (CIE 117)

| Room size | 70 / 50 / 20 | 70 / 30 / 20 | 50 / 30 / 20 | 30 / 30 / 20 |
|-----------|--------------|--------------|--------------|--------------|
| 2H x 2H   | 22.0         | 23.1         | 23.4         | 23.6         |
| 3H x 3H   | 23.4         | 24.3         | 24.6         | 24.9         |
| 4H x 4H   | 24.2         | 25.0         | 25.4         | 26.0         |
| 6H x 6H   | 25.0         | 25.7         | 26.0         | 26.5         |
| 8H x 8H   | 25.5         | 25.9         | 26.5         | 27.1         |
| 12H x 12H | 25.7         | 26.1         | 26.6         | 27.2         |

## luminous intensity table (cd/klm)

| C0 - C180 |    |     |  | C90 - C270 |    |     |  |
|-----------|----|-----|--|------------|----|-----|--|
| Angle (°) | 0  | 904 |  | Angle (°)  | 0  | 752 |  |
| Angle (°) | 15 | 773 |  | Angle (°)  | 15 | 722 |  |
| Angle (°) | 30 | 585 |  | Angle (°)  | 30 | 638 |  |
| Angle (°) | 45 | 328 |  | Angle (°)  | 45 | 512 |  |
| Angle (°) | 60 | 156 |  | Angle (°)  | 60 | 345 |  |
| Angle (°) | 75 | 71  |  | Angle (°)  | 75 | 140 |  |
| Angle (°) | 90 | 0   |  | 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.

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