



descrizione/description

apparecchio da incasso con struttura in alluminio, finitura verniciata, 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 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

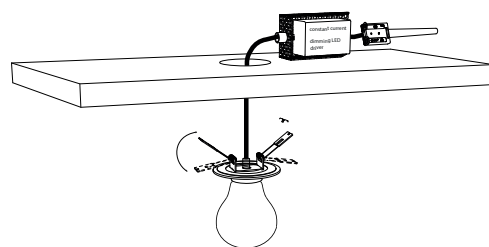
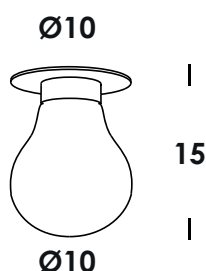
fotometrici/photometric	
lumen sorgente/luminous flux source	500lm
lumen apparecchio/luminous flux luminair	350lm
efficienza luminosa/efficacy	140 lm/W
CCT	3000 K
CRI	90
MacAdam	3 SDCM
angolo di emissione/beam angle	16°
UGR	< 22, CIE 117
distribuzione luminosa/light Distribution	diretta/direct
sicurezza fotobiologica/photobio. safety	RG0 (IEC 62471)

materiali/material	
corpo/body	alluminio/aluminum
terminali/end caps	-
finitura/finish	verniciato /painted
diffusore/diffuser	vetro soffiato/ sandblaster clear
cavo/cable	-
coprifilo/canopy	-

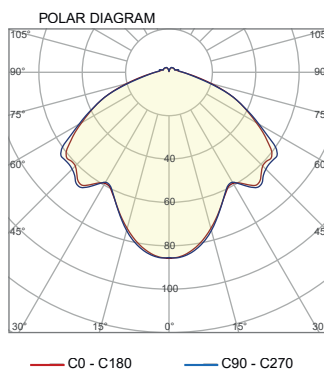
installazione/installation	
installazione/mounting	incasso soffitto/recessed ceiling
dimensioni/dimension	Ø10x15cm
foro/cutout	Ø5cm
coprifilo/canopy	-
peso/weight	200gr approx
temp. esercizio/operating temperature	0°C / +35°C
temp. stoccaggio/storage temperature	-20°C / +50°C



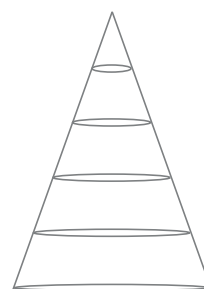
foro/cutout Ø5cm



dati fotometrici/photometrical data



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 (°)	0
Angle (°)	15	80.37	Angle (°)	15	81.39	Angle (°)	15
Angle (°)	30	59.14	Angle (°)	30	58.56	Angle (°)	30
Angle (°)	45	65.28	Angle (°)	45	66.67	Angle (°)	45
Angle (°)	60	46.52	Angle (°)	60	47.93	Angle (°)	60
Angle (°)	75	29.52	Angle (°)	75	29.49	Angle (°)	75
Angle (°)	90	6.34	Angle (°)	90	6.43	Angle (°)	90

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.

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

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

vesoi @ vesoi.com