



descrizione/description

apparecchio a soffitto. struttura in alluminio. finiture verniciato o galvanizzato
driver e modulo led integrato. dimmerabile.

ceiling luminaire. aluminum structure. finishes painted or galvanized.
supplied with led module and driver integrated. dimmable.

caratteristiche principali/key features

3,5W POWER	440lm LUMINOUS FLUX	140 lm/W EFFICACY	3000 K CCT
CR190 CRI	DIM DIMMABLE	UGR < 22 CIE 117	INDOOR USE

dati tecnici / technical data

elettrici/electrical	
potenza/power	3,5W
tensione di ingresso/input Voltage	230V
alimentatore/driver	integrato/integrated
dimmerazione/dimming	DALI push
fattore di potenza/power Factor	> 0,90
classe di isolamento/insulation Class	class III
grado di protezione/ protection	IP44

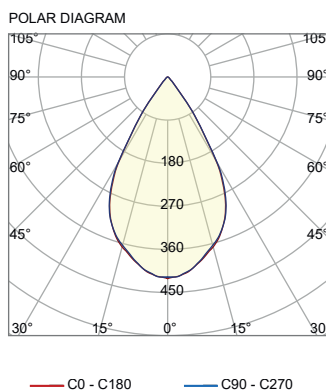
fotometrici/photometric	
lumen sorgente/Luminous Flux source	440 lm
lumen apparecchio/luminous flux luminair	308 lm
efficienza luminosa/Efficacy	140 lm/W
CCT	3000 K
CRI	> 90
MacAdam	3 SDCM
angolo di emissione/beam Angle	60°
UGR	<22, CIE 117
distribuzione luminosa/light Distribution	diretta/direct
sicurezza fotobiologica/Photobio. Safety	RG0 (IEC 62471)

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

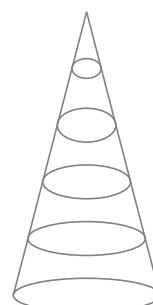
installazione/installation	
installazione/mounting	soffitto/ceiling
dimensioni/dimension	Ø5.5x6cm
foro/cutout	-
coprifilo/canopy	-
peso/weight	200gr approx.
temp. esercizio/operating temperature	0°C / +35°C
temp. stoccaggio/storage temperature	-20°C / +50°C



dati fotometrici/photometrical data



CONICAL DIAGRAM



H (m)	Ø (m)	E _{max} (lx)
1.0	1.15	418
2.0	2.31	104
3.0	3.46	46
4.0	4.62	26
5.0	5.77	16

UGR table (CIE 117)

Room size	70 / 50 / 20	70 / 30 / 20	50 / 30 / 20	30 / 30 / 20
2H x 2H	18.0	18.6	18.9	19.1
3H x 3H	17.8	18.4	18.6	18.9
4H x 4H	17.6	18.1	18.5	19.0
6H x 6H	17.4	17.9	18.3	18.7
8H x 8H	17.4	17.6	18.2	18.8
12H x 12H	17.3	17.5	18.1	18.7

luminous intensity table (cd/klm)

C0 - C180			C90 - C270		
Angle (°)	0	418	Angle (°)	0	418
Angle (°)	15	367	Angle (°)	15	363
Angle (°)	30	202	Angle (°)	30	206
Angle (°)	45	9	Angle (°)	45	9
Angle (°)	60	2	Angle (°)	60	2
Angle (°)	75	0.5	Angle (°)	75	0.5
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 and viewing direction.

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

t +39 081 5735613 | m +39 339 64 81 160

vesoi @ vesoi.com