



descrizione/description

apparecchio da incasso con struttura in alluminio, finiture verniciato, disponibile. facilmente installabile sistema easy to fit molle a pressione, fornito con driver e modulo LED integrati. dimmerabile.

recessed luminaire, aluminum structure. finishes painted. with easy to fit system, pressure springs. supplied with led module and driver integrated. dimmable.

caratteristiche principali/key features

3W POWER	270 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	3W
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

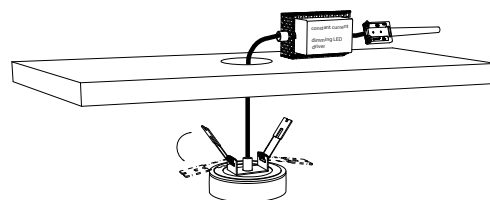
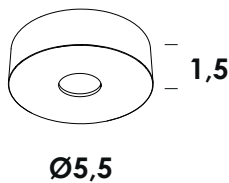
fotometrici/photometric	
lumen sorgente/luminous flux source	270 lm
lumen apparecchio/luminous flux luminair	189 lm
efficienza luminosa/efficacy	140 lm/W
CCT	3000 K
CRI	> 90
MacAdam	3 SDCM
angolo di emissione/beam Angle	60°
UGR	<22, CIE 117
distribuzione luminosa/light distribution	diretta/direct
sicurezza 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	incasso soffitto/recessed ceiling
dimensioni/dimension	Ø5,5x1,5cm
foro/cutout	Ø4,5cm
coprifilo/canopy	-
peso/weight	200gr approx
temp. esercizio/operating temperature	0°C / +35°C
temp. stoccaggio/storage temperature	-20°C / +50°C

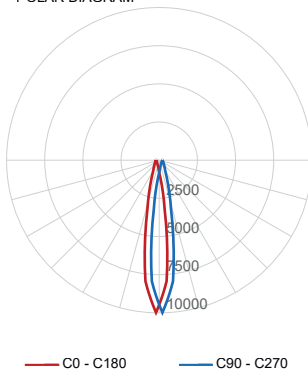


foro/cutout Ø5cm

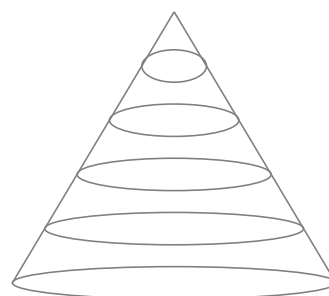


dati fotometrici/photometrical data

POLAR DIAGRAM



CONICAL DIAGRAM



H (m)	Ø (m)	Emax (lx)
1.0	1.15	7347
2.0	2.31	1837
3.0	3.46	816
4.0	4.62	459
5.0	5.77	294

Beam angle: 60°

UGR table (CIE 117)

Room size	70 / 50 / 20	70 / 30 / 20	50 / 30 / 20	30 / 30 / 20
2H x 2H	11.0	11.3	11.5	11.7
3H x 3H	11.8	12.1	12.4	12.7
4H x 4H	12.3	12.7	13.2	13.6
6H x 6H	13.0	13.4	13.9	14.3
8H x 8H	13.4	13.8	14.3	14.8
12H x 12H	13.5	14.1	14.4	14.8

luminous intensity table (cd/klm)

C0 - C180				C90 - C270			
Angle (°)	0	9982		Angle (°)	0	9982	
Angle (°)	15	688		Angle (°)	15	688	
Angle (°)	30	65		Angle (°)	30	65	
Angle (°)	45	23		Angle (°)	45	23	
Angle (°)	60	11		Angle (°)	60	11	
Angle (°)	75	6		Angle (°)	75	6	
Angle (°)	90	4		Angle (°)	90	4	

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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