



descrizione/description

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

recessed luminaire in aluminum, painted finishes. 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
CRI80 CRI	DIM DIMMABLE	UGR = 22 CIE 117	INDOOR USE

dati tecnici / technical data

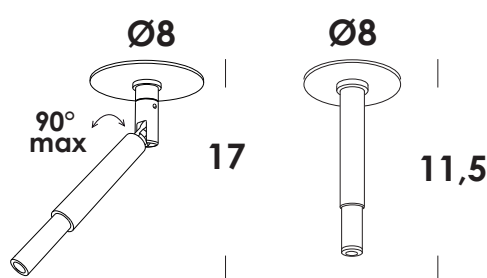
elettrici/electrical	
potenza/power	3W
tensione di ingresso/input Voltage	230V
alimentatore/driver	incasso/recessed
dimmerazione/dimming	DALI push
fattore di potenza/power factor	> 0,90
classe di isolamento/insulation class	class III
grado di protezione/ protection	IP44

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	80
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)

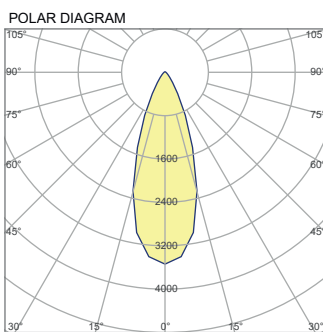
materiali/material	
corpo/body	alluminio - ottone/aluminum - brass
terminali/end caps	-
finitura/finish	verniciato/painted
diffusore/diffuser	emissione diffusa/diffused emission
cavo/cable	-
coprifilo/canopy	-

installazione/installation	
installazione/mounting	incasso soffitto/recessed ceiling
dimensioni/dimension	8x11,5cm - 8x17cm vers snodo/knot
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

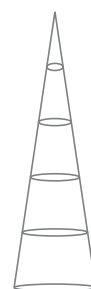


dati fotometrici/photometrical data



C0 - C180 C90 - C270

CONICAL DIAGRAM



Beam angle: 16°

H (m)	Ø (m)	Emax (lx)
1.0	0.28	1608
2.0	0.56	402
3.0	0.84	178
4.0	1.12	100
5.0	1.41	64

UGR table (CIE 117)

Room size	70 / 50 / 20	70 / 30 / 20	50 / 30 / 20	30 / 30 / 20
2H x 2H	22.0	22.6	22.8	23.0
3H x 3H	22.6	22.5	22.7	22.9
4H x 4H	21.6	22.1	22.5	23.0
6H x 6H	21.6	22.1	22.4	22.8
8H x 8H	21.4	21.7	22.2	22.9
12H x 12H	21.4	21.6	22.1	22.7

luminous intensity table (cd/klm)

C0 - C180				C90 - C270			
Angle (°)	0	324		Angle (°)	0	324	
Angle (°)	15	203		Angle (°)	15	208	
Angle (°)	30	45		Angle (°)	30	42	
Angle (°)	45	7.87		Angle (°)	45	7.21	
Angle (°)	60	1.44		Angle (°)	60	1.49	
Angle (°)	75	0.273		Angle (°)	75	0.252	
Angle (°)	90	0.02		Angle (°)	90	0.02	

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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