



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

9W POWER	1160lm LUMINOUS FLUX	140 lm/W EFFICACY	3000 K CCT
CR190 CRI	DIM DIMMABLE	UGR < 22 CIE 117	INDOOR USE

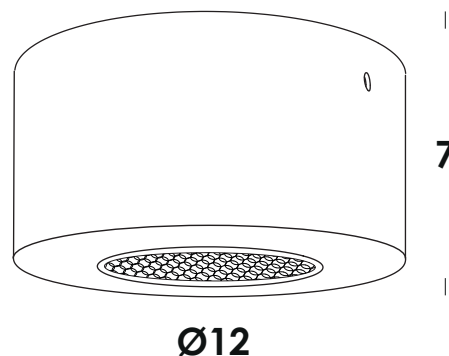
dati tecnici / technical data

elettrici/electrical	
potenza/power	9W
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

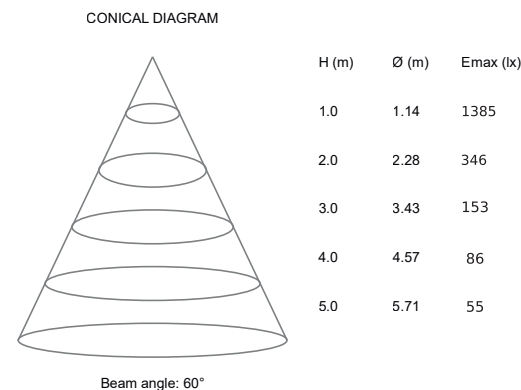
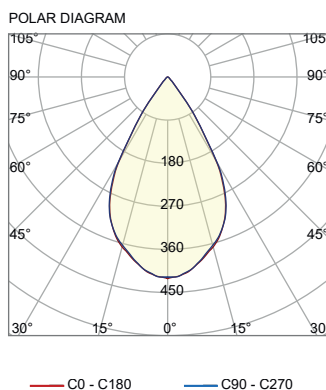
fotometrici/photometric	
lumen sorgente/Luminous Flux source	1160 lm
lumen apparecchio/luminous flux luminair	812 lm
efficienza luminosa/efficacy	140 lm/W
CCT	3000 K
CRI	> 90
MacAdam	3 SDCM
angolo di emissione/beam angle	60°
UGR	<22, CIE 117
distribuzione luminosa/light distribution	diretta 60°/direct 60°
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	Ø12x7cm
foro/cutout	-
coprifilo/canopy	-
peso/weight	300gr approx
temp. esercizio/operating temperature	0°C / +35°C
temp. stoccaggio/storage temperature	-20°C / +50°C



dati fotometrici/photometrical data



UGR table (CIE 117)

Room size	70 / 50 / 20	70 / 30 / 20	50 / 30 / 20	30 / 30 / 20
2H x 2H	19.2	19.8	20.0	20.2
3H x 3H	18.9	19.7	19.9	20.1
4H x 4H	18.7	19.2	19.6	20.1
6H x 6H	18.6	19.2	19.5	19.9
8H x 8H	18.5	18.8	19.3	19.9
12H x 12H	18.5	18.7	19.2	19.8

luminous intensity table (cd/klm)

C0 - C180				C90 - C270			
Angle (°)	0	1385		Angle (°)	0	1385	
Angle (°)	15	1212		Angle (°)	15	1212	
Angle (°)	30	678		Angle (°)	30	678	
Angle (°)	45	32		Angle (°)	45	32	
Angle (°)	60	9		Angle (°)	60	9	
Angle (°)	75	1		Angle (°)	75	1	
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.

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