



descrizione/description

apparecchio a sospensione regolabile in altezza su cavi di tenuta in acciaio. struttura in legno laccato. finiture verniciato bianco o nero. altri colori a richiesta. fornito con driver e box driver a soffitto, modulo led integrato. dimmerabile.

suspension luminaire adjustable in lenght on iron wires. structure in lacquered wood. finishes painted black or white. other color on request. supplied with driver and ceiling box driver, led module integrated. dimmable.

caratteristiche principali/key features

**23W**
POWER**1840lm**
LUMINOUS FLUX**70 lm/W**
EFFICACY**3000 K**
CCT**CRI80**
CRI**DIM**
DIMMABLE**UGR < 22**
CIE 117**INDOOR**
USE

dati tecnici / technical data

elettrici/electrical

potenza/power	23W
tensione di ingresso/input Voltage	220-240 V ~ 50/60 Hz
alimentatore/driver	box soffitto/ceiling canopy
dimmerazione/dimming	DALI push
fattore di potenza/power factor	> 0,90
classe di isolamento/insulation class	class I
grado di protezione/ protection	IP20

fotometrici/photometric

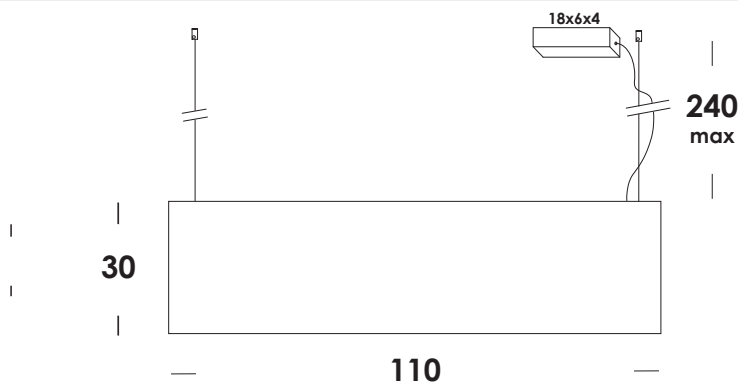
lumen sorgente/luminous flux source	1840 lm
lumen apparecchio/luminous flux luminair	1288 lm
efficienza luminosa/efficacy	70 lm/W
CCT	3000 K
CRI	> 80
MacAdam	3 SDCM
angolo di emissione/beam angle	120°
UGR	< 22, CIE 117
distribuzione luminosa/light Distribution	lineare diffusa/diffused linear
sicurezza fotobiologica/Photobio. Safety	RG0 (IEC 62471)

materiali/material

corpo/body	legno/wood
terminali/end caps	-
finitura/finish	verniciato/painted
diffusore/diffuser	lineare/linear diffuser
cavo/cable	cavo nero coassiale/black coaxial cable
coprifilo/canopy	alluminio/aluminium

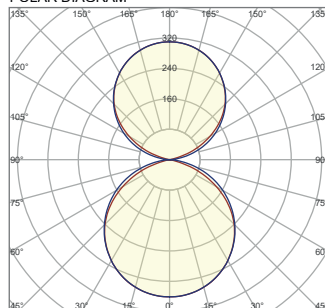
installazione/installation

installazione/Mounting	sospensione/suspension
lunghezza standard/standard length	110 cm
lunghezza cavo regolabile/cable length	240 cm adjustable
coprifilo/canopy	18x6x4cm
peso/weight	approx 2kg
temp. esercizio/operating temperature	0°C / +35°C
temp. stoccaggio/storage temperature	-20°C / +50°C



dati fotometrici/photometrical data

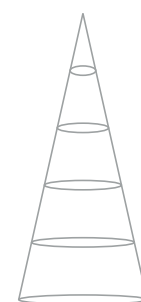
POLAR DIAGRAM



— C0 - C180

— C90 - C270

CONICAL DIAGRAM



Beam angle: 67°

H (m)	Ø (m)	Emax (lx)
1.0	1.3	752
2.0	2.7	188
3.0	4.0	83.5
4.0	5.3	47.0
5.0	6.7	30.1

UGR table (CIE 117)

Room size	70 / 50 / 20	70 / 30 / 20	50 / 30 / 20	30 / 30 / 20
2H x 2H	16.3	17.1	17.9	18.9
3H x 3H	17.1	17.9	18.7	19.7
4H x 4H	17.9	18.9	19.4	20.5
6H x 6H	17.8	18.4	19.2	20.2
8H x 8H	17.9	18.1	19.2	20.3
12H x 12H	17.8	18.0	19.0	20.1

luminous intensity table (cd/klm)

C0 - C180				C90 - C270			
Angle (°)	0	752		Angle (°)	0	752	
Angle (°)	15	693		Angle (°)	15	722	
Angle (°)	30	563		Angle (°)	30	638	
Angle (°)	45	16		Angle (°)	45	512	
Angle (°)	60	55		Angle (°)	60	345	
Angle (°)	75	37		Angle (°)	75	140	
Angle (°)	90	8		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 depend from room geometry, reflection and viewing direction.

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