



descrizione/description

apparecchio a sospensione regolabile in altezza su cavi di tenuta in acciaio. struttura in acciaio verniciato nero o ottone naturale. fornito con driver e box driver a soffitto, modulo led integrato. dimmerabile.

suspension luminaire adjustable in lenght on iron wires. iron structure black painted or natural brass. supplied with driver and ceiling box driver, led module integrated. dimmable.

caratteristiche principali/key features

**23W**
POWER**2750lm**
LUMINOUS FLUX**138 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

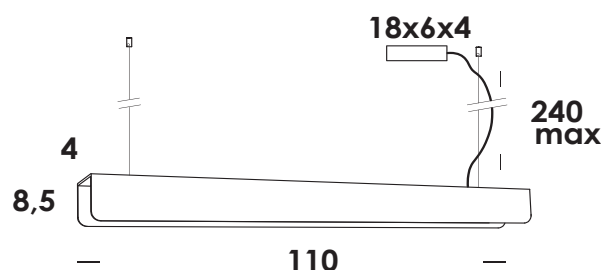
lumen sorgente/luminous flux source	2750 lm
lumen apparecchio/luminous flux luminair	1925 lm
efficienza luminosa/efficacy	138 lm/W
CCT	3000 K
CRI	> 80
MacAdam	3 SDCM
angolo di emissione/beam angle	67°
UGR	= 22, CIE 117
distribuzione luminosa/light Distribution	lineare diffusa/diffused linear
sicurezza fotobiologica/Photobio. Safety	RG0 (IEC 62471)

materiali/material

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

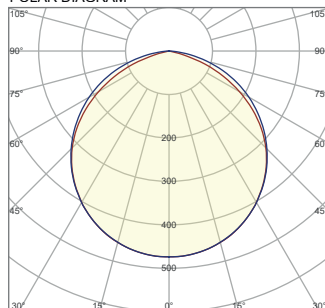
installazione/installation

installazione/mounting	sospensione/suspension
lunghezza standard/standard length	110cm
lunghezza cavo regolabile/cable length	250 cm adjustable
coprifilo/canopy	18x6x4
peso/weight	approx 2kg
temp. esercizio/operating temperature	0°C / +35°C
temp. stoccaggio/storage temperature	-20°C / +50°C



dati fotometrici/photometrical data

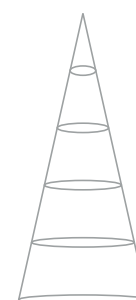
POLAR DIAGRAM



— C0 - C180

— C90 - C270

CONICAL DIAGRAM



Beam angle: 67°

H (m)	Ø (m)	E _{max} (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	22.0	23.0	23.2	23.5
3H x 3H	22.9	24.0	24.3	24.5
4H x 4H	24.2	25.2	25.4	25.9
6H x 6H	24.7	25.5	25.8	26.2
8H x 8H	25.4	25.9	26.4	27.0
12H x 12H	25.7	26.0	26.5	27.2

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 and viewing direction.

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