



PANTH EVO PIR SENSOR

Typology

LED projector "minimal design" for outdoor and indoor applications.

Features

Twilight and movement sensor: 10 meters detection range.

Material

Painted die-cast metal body.
Black colour.

Beam

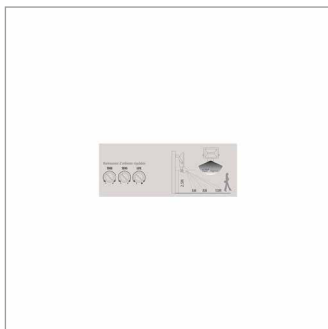
120°

PIR

Ambient lighting: 3-2000 LUX (adjustable)
Switch on time: min: 10 sec ÷ 3 sec
Max: 7 min ÷ 3 min
Installation height: 1.8 m ÷ 2.5 m
Motion Detection Speed: 0.6 ~ 1.5 m/s
Detection distance: max.10 m (<24°C ta)

Notes

Do not use with dimmer.
Free wire for professional use (1 m long).



PLUS

220-240 Vac

Ra >80

25000 h L70B20

IP44

Free Wire

-25°C
+35°C

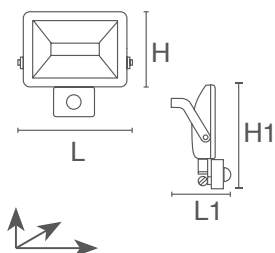
Risk Group 1

120°

Characteristic data

Power	50 W	Beam	120°	Dimmable	No	Input	220-240 Vac
Base	Free Wire	IP	44	Flux	5200 lm	PF	0,98
Tc	4000 K	Ra	>80	LED Warranty	G3	Axis	1600 cd
RG	RG1	Color	Black				

Dimensional characteristics



L	221 mm
L1	34 mm
H	150 mm

Lighting and photometric features

Beam opening	120°
Flux	5200 lm
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	>80
Lifespan	25000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

Electrical characteristics

Rated power	50 W
Input voltage	220-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0,98
Input current	0.22 A
Number of cycles	100000
Operating temperature	-25°C / +35°C

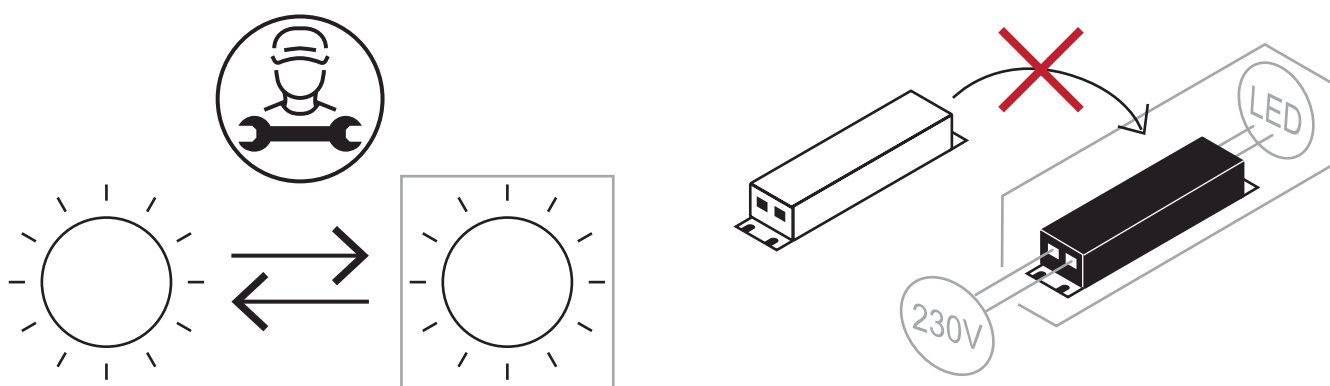
Photometry

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		111°			
	Fixture Power	50W	1	2.89	1271	
	Source Flux	3450lm	2	5.77	318	
	Fixture Flux	3450lm	3	8.66	141	
	Efficacy	69lm/W	4	11.55	79	
	855833	I _{max} =368cd/klm	I _{max}	1271cd	5	14.43

EuLumDat file on the site

Other Infotech

Reflector	Yes
Light source replaceability	Replaceable light source by a professional.
Control gear replaceability	Non-replaceable control gear.



LED Warranty

G3	Up to 3 years (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
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European Directives

2009/125/EC * Ecodesign
2011/65/EU * RoHS
2012/19/EU * RAEE
2014/30/EU * EMC
2014/35/EU * LVD
2015/863 * Amending RoHS
2017/1369 * Regulation for Energy Labelling
2019/2015 * Regulation for Energy Labelling
2019/2020 * Regulation for Ecodesign
2021/340 * Amending Reg. Energy Labelling
2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
CEI EN 60598-1:2022
CEI EN 60598-2-5:2016
CEI EN 61000-3-2:2019 (+A1:2021)
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
CEI EN 61547:2010
CEI EN 62031:2021 (+A11:2022)
CEI EN 62471:2010
IEC/TR 62471-2:2009
CEI EN 62493:2015
CEI 34-141:2014

Logistics data

Item net weight	890 gr
Barcode single item	8011905855833
Number of pieces multiple pack	10
Barcode multiple pack	8011905855840
Minimum order quantity	1