



SIRIUS-P 12V

Typology

MR16 lamp using high efficiency COB technology.

Features

A larger, new look reflector for better optical control.
New generation thermoconductive material housing for the electronic components: better heat dissipation and more safety for the user.
A powerful lamp which allows replacement of a 75W halogen offering an energy saving of more than 92%.

Material

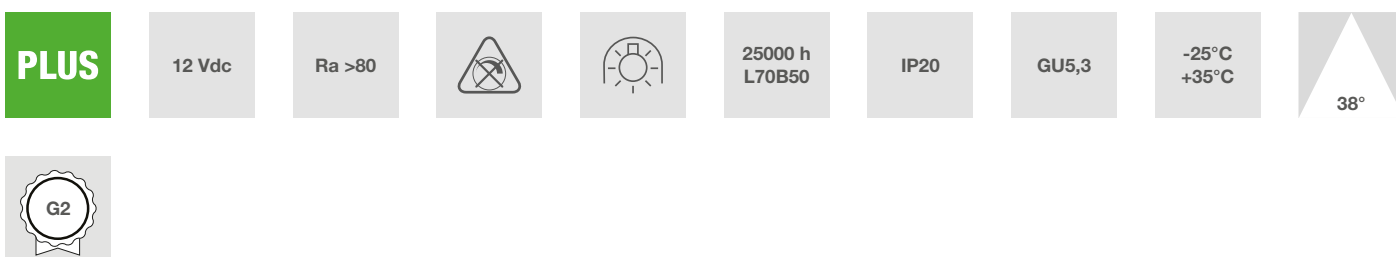
Thermoconductive polymers.
Multifaceted aluminum optic.

Power supply

Compatible with 12V AC output electromagnetic transformers and with constant voltage drivers for LEDs.

Notes

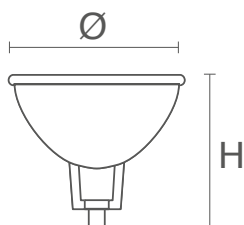
Do not use this item with electronic transformers for halogen lamps.
Do not use with dimmer.



Characteristic data

Power	6 W	Beam	38°	Dimmable	No	Input	12 Vdc
Base	GU5,3	IP	20	Flux	540 lm	Axis	690 cd
PF	0,72	Tc	3000 K	Ra	>80	LED Warranty	G2

Dimensional characteristics



Ø	50 mm
H	52 mm

Lighting and photometric features

Beam opening	38°
Flux	540 lm
Axis	690 cd
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	>80
Lifespan	25000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

Electrical characteristics

Rated power	6 W
Input voltage	12 Vdc
Dimmable	No
Power factor (PF)	0,72
Input current	0.7 A
Weighted energy consumption	7 kWh/1000h
Operating temperature	-25°C / +35°C
Equivalence with incandescent lamp	41

Photometry

	3000K	H(m)	D(m)	Emax(lx)	
	Ra80		28°		
	Fixture Power	6W	1	0.50	861
	Source Flux	510lm	2	0.99	215
	Fixture Flux	388lm	3	1.49	96
	Efficacy	65lm/W	4	1.98	54
	847999 I _{max} =1689cd/klm	I _{max}	861cd	5	2.48

EulumDat file on the site

Other Infotech

Reflector	Yes
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LED Warranty

G2	Up to 2 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
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 62838:2016 (+EC:2018)
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 34-141:2014

Logistics data

Item net weight	57 gr
Barcode single item	8011905847999
Number of pieces multiple pack	10
Barcode multiple pack	8011905848002