



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

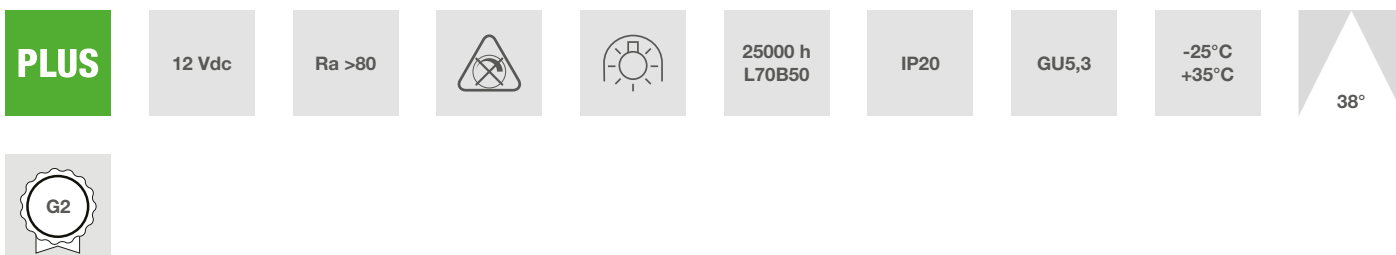
Thermoconductive polymers.
Multifaceted aluminum optic.

Power supply

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

Notes

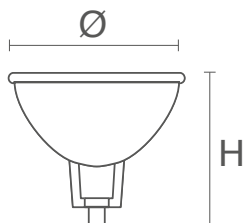
Do not use this item with electronic transformers for halogen lamps.
Do not use with dimmer.



Characteristic data

| | | | | | | | |
|-------|-------|------|--------|----------|--------|--------------|--------|
| Power | 6 W | Beam | 38° | Dimmable | No | Input | 12 Vdc |
| Base | GU5,3 | IP | 20 | Flux | 580 lm | Axis | 750 cd |
| PF | 0,72 | Tc | 6000 K | Ra | >80 | LED Warranty | G2 |

Dimensional characteristics



| | |
|---|-------|
| Ø | 50 mm |
| H | 52 mm |

Lighting and photometric features

| | |
|---|--------------------|
| Beam opening | 38° |
| Flux | 580 lm |
| Axis | 750 cd |
| CCT nominal colour temperature | 6000 K |
| Colour of the light | Cool 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 | 43 |

Other Infotech

| | |
|-----------|-----|
| Reflector | Yes |
|-----------|-----|

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. |
|----|--|

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 | 8011905848033 |
| Number of pieces multiple pack | 10 |
| Barcode multiple pack | 8011905848040 |

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