



MR11

Typology

Retrofit for MR11 halogen lamps.

Features

Unique design of the heat sink improves the efficiency of heat dissipation.

Material

Aluminium body.

Usage information

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

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

Notes

Do not use with dimmer.

BASIC

12 Vdc

Ra >80

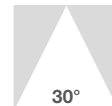


15000 h
L70B50

IP20

GU4

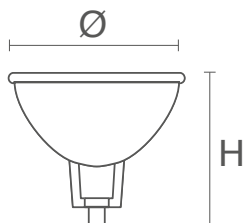
-25°C
+35°C



Characteristic data

Power	2.5 W	Beam	30°	Dimmable	No	Input	12 Vdc
Base	GU4	IP	20	Flux	180 lm	PF	0,73
Tc	3000 K	Ra	>80	LED Warranty	G2	Axis	360 cd

Dimensional characteristics



Ø	35 mm
H	36 mm

Lighting and photometric features

Beam opening	30°
Flux	180 lm
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	>80
Lifespan	15000 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	2.5 W
Input voltage	12 Vdc
Dimmable	No
Power factor (PF)	0,73
Input current	0.23 A
Weighted energy consumption	3 kWh/1000h
Energy efficiency class	G
Number of cycles	100000
Operating temperature	-25°C / +35°C
Equivalence with incandescent lamp	20

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
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 60968:2016
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 62560:2013 (+A1:2017/+A11:2020)
CEI 34-141:2014

Logistics data

Item net weight	40 gr
Barcode single item	8011905839086
Number of pieces multiple pack	10
Barcode multiple pack	8011905784362
Minimum order quantity	10
Minimum packaging	10 / 10

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