

Low voltage halogen dichroic lamp , RJLS 50W/12/MEGA/WFL/GU5.3

Radium

Product Datasheet Date: 21.01.2019

Logistic Data

Article No.	22311514
Code	RJLS 50W/12/MEGA/WFL/GU5.3
Product EAN	4008597115141
Customs tariff no.	85392198
Box quantity (pcs.)	20
EAN Box	4008597415142
Gross weight of box in kg	0.828
Length of box in m	0.24
Width of box in m	0.11
Height of box in m	0.13
ETIM class	EC000258
ETIM class name	Low voltage halogen reflector lamp
Product status	Active

Electric Parameters

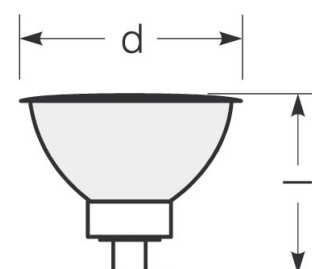
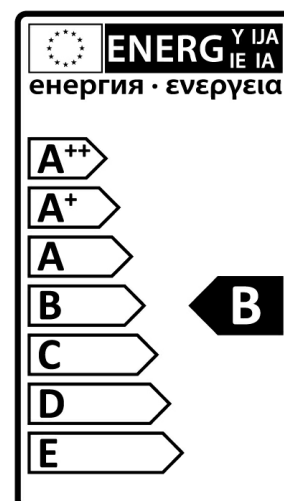
Lamp nominal wattage	50 W
Rated wattage	50.0 W
Energy Consumption kWh/1000h	53
Power factor	1.00
Mains voltage	12 V
Lamp voltage	12-12 V
Nominal current (A)	4.17 A

Light Application Parameters

Rated lamp luminous flux	770 lm
Luminous flux in 90°-sector	770 lm
Luminous intensity	2200 cd
Radiation angle	36 °
Beam angle	36 °
Luminous efficiency	15.4 lm/W
Colour temperature	3000 K
Colour temperature	3000 K
Colour rendering index Ra	100

Service Life

Average nominal lifespan	4000 h
Average nominal lifespan	4000 h



Specification

Diameter max.	51 mm
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Length max.	46 mm
Total length	46 mm
Mercury content	0.0 mg
dimmbable	ja
Finish	with front screen
Design	Wide Flood
Colour	Other

Notes

Low voltage halogen reflector lamp MR16 with front screen, 12V operation with transformer, base GU5.3, stepless dim, 4000 h mean service life

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage. The field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

Notes

Base



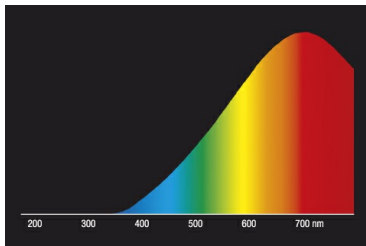
GU5.3
IEC/EN 60061-1
sheet 7004-109-2

Spectrum

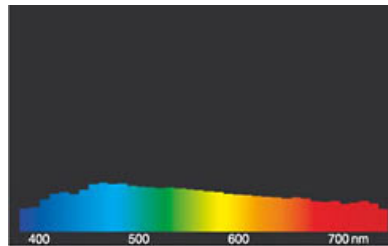
As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.

Incandescent lamps have got a continuous red-dominated spectrum as the light is generated by heating up a tungsten filament. The addition of halogens to the filling gas enhance the efficiency and prevents blackening. Further increase in efficiency can be achieved by adding Xenon and/or IRC-coating.

Visible region from 380 to 780 nm; height of graph corresponding with relative spectral emission (400mW/klm)per 10nm.



light of incandescent lamps



daylight(D 65)

Special features

IRC

General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.

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All technical data without guarantee.