

## Logistic Data

Article No.	43319521
Code	RL-MR16 35 DIM 827/WFL
Product EAN	4008597195211
Customs tariff no.	85395000
Box quantity (pcs.)	10
EAN Box	4008597495212
Gross weight of box in kg	5
Length of box in m	0.26
Width of box in m	0.11
Height of box in m	0.07
ETIM class	EC001959
ETIM class name	LED-lamp/Multi-LED
Product status	Active

## Electric Parameters

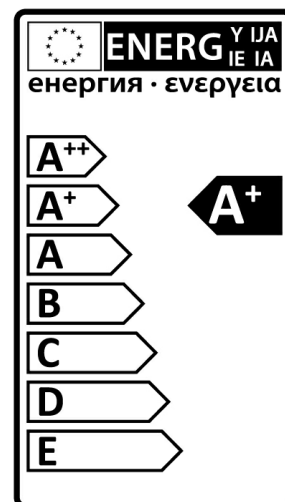
Lamp power	5 W
Rated wattage	5.0 W
Weighted energy consumption in 1,000 hours	5 kWh
Nominal voltage	12-12 V
Nominal current	630 mA

## Light Application Parameters

Luminous flux	350 lm
Luminous flux in 90°-sector	350 lm
Luminous intensity	950 cd
Beam angle	36 °
Colour temperature	2700 K
Colour temperature	2700 K

## Service Life

Mean service life	25000 h
-------------------	---------



## Specification

Diameter max.	51 mm
Length max.	46 mm
Length	46 mm
dimnable	ja
Lamp shape	Reflector
Finish	glass

## Notes

MR16-LED, exchange with 12V halogen lamps, warm white light, glass bulb, dimmable, base GU5,3. LED light does not contain UV or IR radiation.

Please, refer to [www.radium.de/recycling](http://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

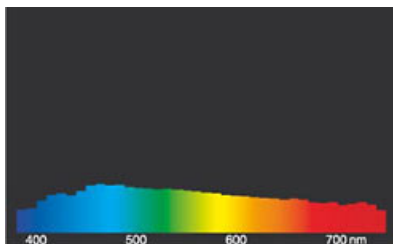
## Spectrum

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.

The colour of coloured LEDs depends on the chemical elements within the light generating chip. The coloured light is generated directly and does not need filtering.

White LEDs are either RGB (red + green + blue chip in one LED = light colour white) or blue LED-chips with yellow/orange phosphor in the resin.

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



daylight(D 65)

## Special features



## 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 (clefs) 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.

® = Registered trademark

Subject to change without notice. Errors and omissions excepted.

**All technical data without guarantee.**