

## RaLED Star PAR16 RL PAR16 50 DIM 4,6W/230/WFL/827/GU10

### Logistic Data

|                           |                                       |
|---------------------------|---------------------------------------|
| Article No.               | 43119058                              |
| Code                      | RL PAR16 50 DIM 4,6W/230/WFL/827/GU10 |
| Product EAN               | 4008597190582                         |
| Customs tariff no.        | 85437090                              |
| Box quantity (pcs.)       | 10                                    |
| EAN Box                   | 4008597490583                         |
| Gross weight of box in kg | 0.595                                 |
| Length of box in m        | 0.26                                  |
| Width of box in m         | 0.11                                  |
| Height of box in m        | 0.07                                  |
| Pieces per palette        | 7040                                  |
| ETIM class                | EC001959                              |
| ETIM class name           | LED lamp / Multi-LED                  |
| Old article no.           | 42719013                              |

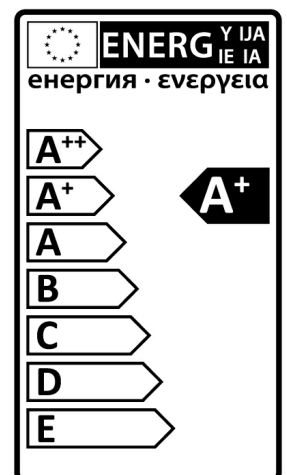


### Electric Parameters

|                                      |           |
|--------------------------------------|-----------|
| Lamp wattage                         | 4.6 W     |
| Rated wattage                        | 4.6 W     |
| Comparable Wattage incandescent lamp | 50 W      |
| Nominal current                      | 22 mA     |
| Nominal current (mA)                 | 22 mA     |
| Power factor                         | 0.84      |
| Energy Consumption kWh/1000h         | 4.6       |
| Nominal voltage from/ to             | 220-240 V |

### Light Application Parameters

|                             |                   |
|-----------------------------|-------------------|
| Luminous flux               | 350 lm            |
| Rated lamp luminous flux    | 350 lm            |
| Luminous intensity          | 750 cd            |
| Angle of emission           | 36 °              |
| Luminous efficiency of lamp | 76.09             |
| Colour temperature          | 2700 K            |
| Colour rendering index Ra   | >= 80             |
| Colour rendering group      | 80-89 (Klasse 1B) |
| Colour Stability            | <=5 sdcn          |
| Luminous flux in 90°-sector | 350 lm            |



### Service Life

|                      |         |
|----------------------|---------|
| Mean service life    | 25000 h |
| No. switching cycles | 100000  |

## Specification

|                                      |           |
|--------------------------------------|-----------|
| Diameter max.                        | 51 mm     |
| Length max.                          | 55 mm     |
| Length                               | 55 mm     |
| Dimmable                             | Yes       |
| Energylabel from 2013                | A+        |
| Ignition time                        | 0.0 s     |
| Run up time = min. 60% luminous flux | 1.0 s     |
| Mercury content                      | 0.0 mg    |
| Base                                 | GU10      |
| Lamp shape                           | reflector |
| Design glass                         | clear     |

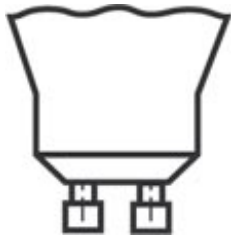
## Notes

LED-PAR16 reflector lamp for exchange with halogen lamps, dimmable with leading and trailing edge phase cut dimmers. In some cases, flickering or sounds may occur. 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



GU10  
IEC/EN 60061-1  
sheet 7004-121-1

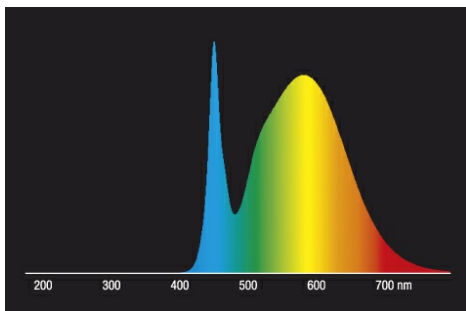
## Spectrum

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.

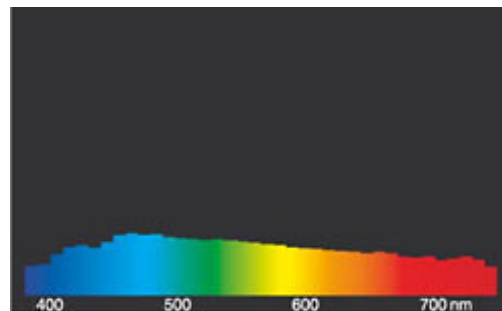
The colour of coloured LEDs depends on the chemical elements within the light generating chip. The coloured light is generated directly and does not need filtering.

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.



LED Retrofit reflector lamps 4000K



daylight(D 65)

## Special features



Please, dump as special waste, **no ordinary household waste!**

## 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.

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**All technical data without guarantee.**