

## Logistic Data

|                           |                           |
|---------------------------|---------------------------|
| Article No.               | 22318568                  |
| Code                      | RJH-PIN 20W/230/C/XE/G9   |
| Product EAN               | 4008597185687             |
| Customs tariff no.        | 85392192                  |
| Box quantity (pcs.)       | 20                        |
| EAN Box                   | 4008597485688             |
| Gross weight of box in kg | 0.126                     |
| Length of box in m        | 0.15                      |
| Width of box in m         | 0.06                      |
| Height of box in m        | 0.12                      |
| ETIM class                | EC000038                  |
| ETIM class name           | High voltage halogen lamp |
| Product status            | Active                    |

## Electric Parameters

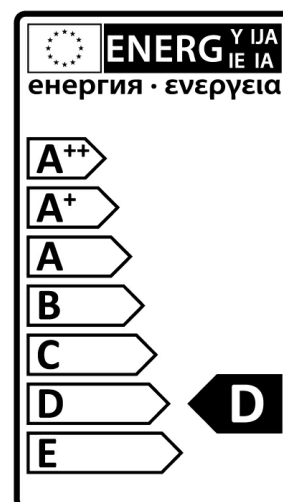
|                              |           |
|------------------------------|-----------|
| Lamp nominal wattage         | 20 W      |
| Rated wattage                | 20.0 W    |
| Energy Consumption kWh/1000h | 20        |
| Power factor                 | 1.00      |
| Mains voltage                | 230 V     |
| Lamp voltage                 | 230-230 V |
| Lamp's nominal current       | 0.09 A    |

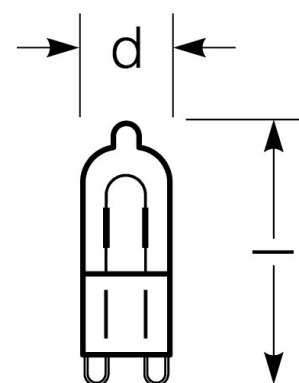
## Light Application Parameters

|                           |            |
|---------------------------|------------|
| Luminous flux             | 235 lm     |
| Luminous efficiency       | 11.75 lm/W |
| Colour temperature        | 2700 K     |
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| Colour rendering index Ra | 100        |

## Service Life

|                          |        |
|--------------------------|--------|
| Average nominal lifespan | 2000 h |
| Average nominal lifespan | 2000 h |





## Specification

|                 |                    |
|-----------------|--------------------|
| Diameter max.   | 14 mm              |
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| Length max.     | 43 mm              |
| Total length    | 43 mm              |
| Mercury content | 0.0 mg             |
| dimmbable       | ja                 |
| Lamp shape      | Tube, single-ended |
| Finish          | clear              |
| Model           | Clear              |

## Notes

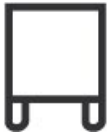
Mains voltage halogen lamp clear, pin shape, 230V, base G9, dimmable steplessly, 2000 h mean service life

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



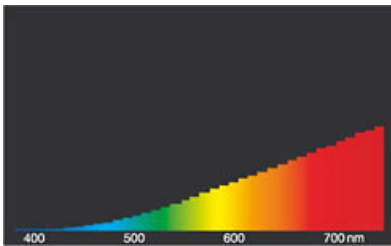
G9  
IEC/EN 60061-1  
sheet 7004-129-1

## Spectrum

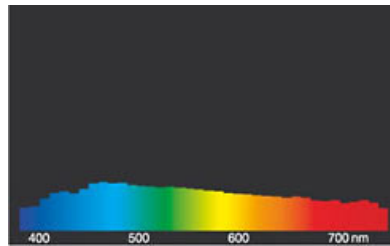
As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.

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)

## 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.**