

## Low voltage halogen pin base lamp RJL 20W/12/SKY/G4

### Logistic Data

Article No.	22311206
Code	RJL 20W/12/SKY/G4
Product EAN	4008597112065
Customs tariff no.	85392198
Box quantity (pcs.)	40
EAN Box	4008597512063
Gross weight of box in kg	0.265
Length of box in m	0.13
Width of box in m	0.11
Height of box in m	0.16
Pieces per pallet	10800
EAN Palett	4008597612060
ETIM class	EC000259
ETIM class name	Low voltage halogen lamp without reflector



### Electric Parameters

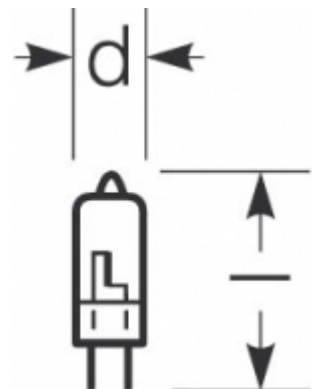
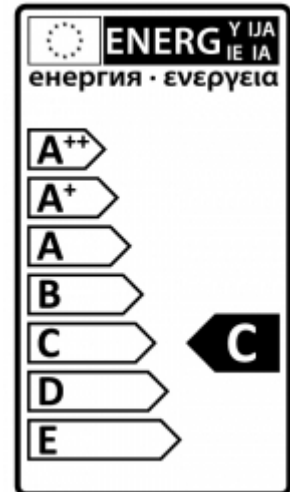
Lamp nominal wattage	20 W
Rated wattage	20.0 W
Lamp's nominal current	1.67 A
Power factor	1.00
Energy Consumption kWh/1000h	21

### Light Application Parameters

Luminous flux	300 lm
Rated lamp luminous flux	300 lm
Luminous efficiency of lamp	15 lm/W
Colour temperature	2800 K
Colour rendering index Ra	100

### Service Life

Mean service life	4000 h
Info about service life	3B50, 50Hz
No. switching cycles	100000



## Specification

Diameter max.	10 mm
Length max.	33 mm
Lamp dimmable	Yes
dimmable	ja
Energylabel from 2013	C
UV protection	Yes
Ignition time	0 s
Mercury content	0.0 mg
Base	G4
Lamp shape	Pin base lamp
Design	clear

## Notes on Operation

Burning position	any
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## Miscellaneous

EU Directive	DIM1
EU-date of phase-out	01.09.2016
ILCOS name	HSGST/C/AX/UB-20-12-G4
LBS name	QT9-Uvr ax 20W/c G4 12V

### Notes:

Low voltage halogen lamp - Prong cap lamp Please, do not touch lamp bulb with bare fingers when installing. CE marking expires for new production on September 1st 2016!

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



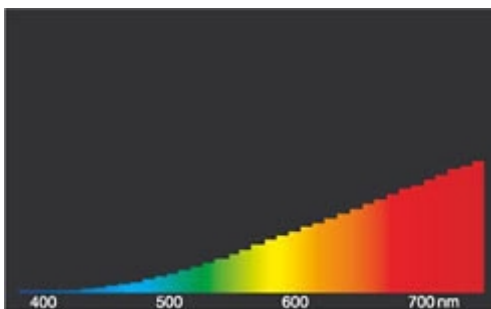
G4  
IEC/EN 60061-1  
sheet 7004-72-3

## Spectrum

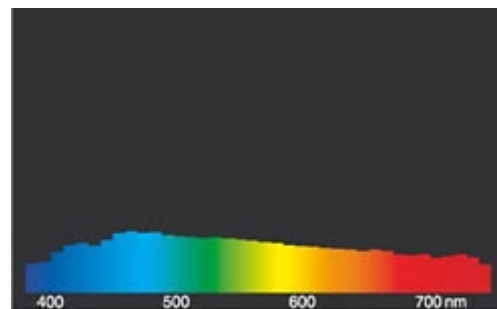
As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.

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



With a simple change from standard halogen lamps to innovative IRC technology you can save up to 30% energy. Lamps with IRC technology generate more light from less electric energy: a part of the heat stays within the IRC lamps because it is reflected inwards again by the bulb coating (InfraRed Coating), back to the filament. Therefore, these lamps need less energy than standard halogen lamps.



From last due date September 1st 2016, product does not comply with EU directives regarding energy efficiency any more. Please, choose alternative product or look for remainders (sale of articles in stock is still allowed).

## 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. Subject to change without notice. Errors and omissions excepted. ® = Registered trademark

All technical data without guarantee.