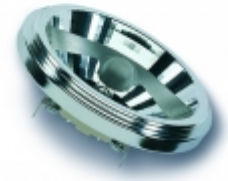


Low voltage halogen reflector lamp RJL 50W/12/SKY/IRC/WFL/G53

Logistic Data

| | |
|---------------------------|---|
| Article No. | 22318199 |
| Code | RJL 50W/12/SKY/IRC/WFL/G53 |
| Product EAN | 4008597181993 |
| Customs tariff no. | 85392198 |
| Box quantity (pcs.) | 6 |
| EAN Box | 4008597481994 |
| Gross weight of box in kg | 0.657 |
| Length of box in m | 0.28 |
| Width of box in m | 0.19 |
| Height of box in m | 0.13 |
| Pieces per palette | 1200 |
| ETIM class | EC000258 |
| ETIM class name | Low voltage halogen lamp with reflector |



Electric Parameters

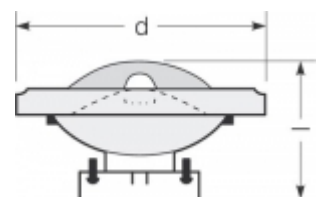
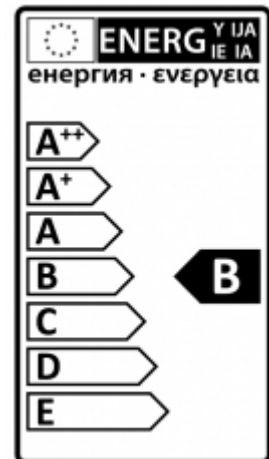
| | |
|------------------------------|--------|
| Lamp nominal wattage | 50 W |
| Rated wattage | 50.0 W |
| Lamp's nominal current | 4,17 |
| Power factor | 1.00 |
| Energy Consumption kWh/1000h | 53 |

Light Application Parameters

| | |
|-----------------------------|-----------|
| Luminous flux | 680 lm |
| Rated lamp luminous flux | 680 |
| Luminous intensity | 2000 cd |
| Angle of emission | 40 ° |
| Luminous efficiency of lamp | 13.6 lm/W |
| Colour temperature | 3000 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. | 111 mm |
| Length max. | 67 mm |
| Lamp dimmable | Yes |
| dimmable | ja |
| Energylabel from 2013 | B |
| UV protection | Yes |
| Ignition time | 0 s |
| Mercury content | 0.0 mg |
| Base | G53 |
| Lamp shape | Reflector lamp |
| Design | Wide Flood |
| Type of reflector | Aluminium |
| Colour | other |

Notes on Operation

| | |
|------------------|-----|
| Burning position | any |
|------------------|-----|

Miscellaneous

| | |
|--------------|--------------------------|
| EU Directive | DIM2 |
| ILCOS name | HMGS/UB-50-12-G53-111/40 |
| LBS name | QR111 50W/40? G53 12V |

Notes:

Low voltage halogen lamp - Reflector 111

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



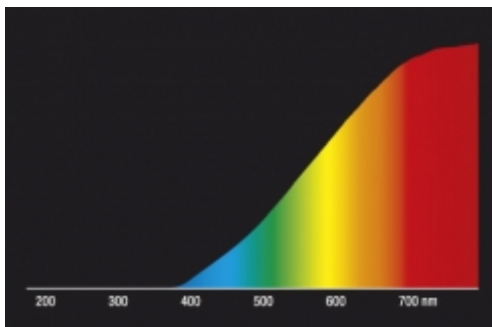
G53
IEC/EN 60061-1
sheet 7004-134-1

Spectrum

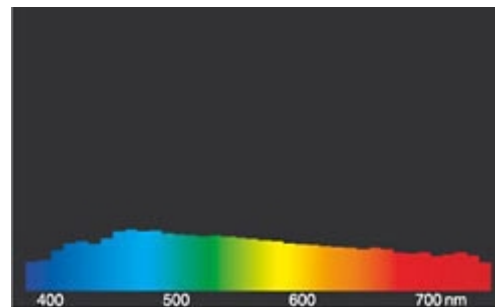
As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.

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)

Special features

IRC

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.

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.