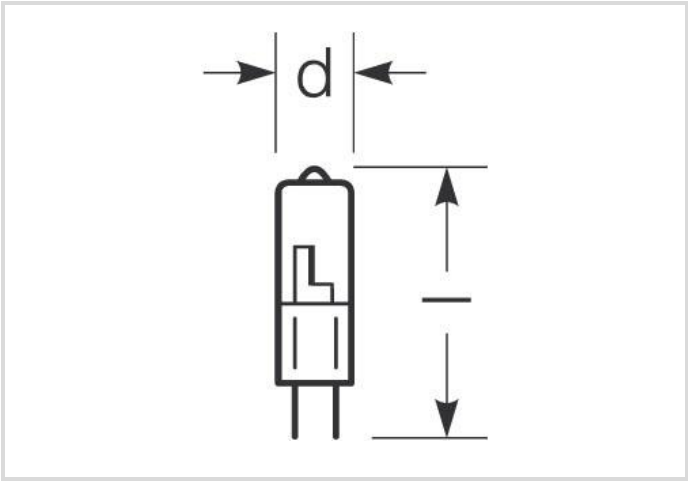
Low voltage halogen pin base lamp
RJL 90W/12/SKY/GY6.35

Radium

Product Datasheet Date: 02.11.2026





C	G	1800	4 000h	Dimmable

General Data

Article No.	22311800
Code	RJL 90W/12/SKY/GY6.35
Product EAN	4008597118005
Box quantitiy (pcs.)	40
EAN Box	4008597518003
Gross weight of box in kg	0.55
Length of box in m	0.15
Width of box in m	0.11
Height of box in m	0.12
Product weight	3 g
Product status	Inactive

Electric Parameters

Wattage	90.0 W
Lamp nominal wattage	90 W
Weighted energy consumption in 1000 hours	90 kWh
Power factor	1.00
Nominal voltage	12 V

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Electric Parameters

Lamp voltage	12-12 V
Mains voltage	12 V
Nominal current	7500 mA
Lamp's nominal current	7.5 A
dimmable	Yes

Light Application Parameters

Luminous flux	1800 lm
Rated lamp luminous flux	1800 lm
Efficacy / Luminous efficiency	20 lm/W
Colour temperature	3000 K
Color rendering index	100

Service Life

Average life	4000 h
No. switching cycles	50000

Specification

Energylabel notice	old label, no EPREL registration, no EU data sheet
Energylabel (G -> A)	G
Energylabel (E -> A++)	C
Diameter	12 mm
Length	45 mm
Total length max.	44 mm
Burning position	any
Mercury content	0.0 mg
Model	Clear
Base	GY6.35

Notes on Operation

Burning position	any

Information especially for EPREL

Energylabel notice	old label, no EPREL registration, no EU data sheet

Miscellaneous

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EU-date of phase-out	01.09.2018
EU Directive	DIM1

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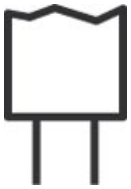
Radium

Notes

Standard low voltage halogen pin base lamp, 12V operation with transformer, base GY6.35, stepless dim, 4000 h mean service life

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.
The optinal 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).

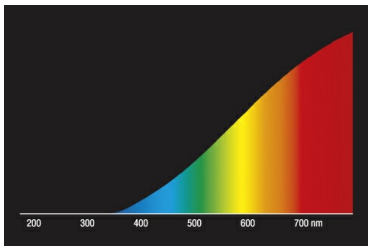
Base



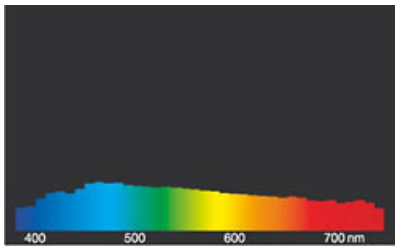
GY6.35
IEC/EN 60061-1
sheet 7004-59-6

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 continouus 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 effiency 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.

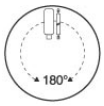


light of incandescent lamps



daylight(D 65)

Special features



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.