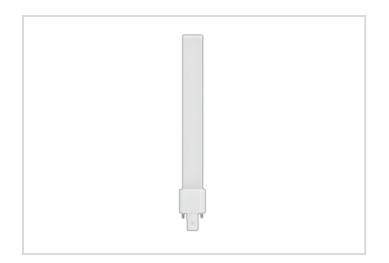
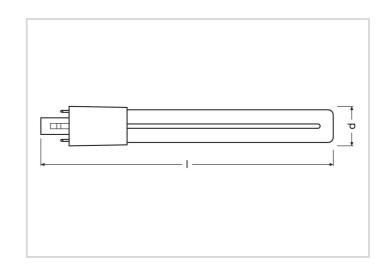
RL-S11 6W/840/G23 EM



Product Datasheet Date: 19.10.2025













4000K





A++

6

700

30 000h

#### **General Data**

| Article No.               | 43019369          |
|---------------------------|-------------------|
| Kod                       | RL-S11 840/G23 EM |
| Product EAN               | 4008597193699     |
| Box quantitiy (pcs.)      | 10                |
| EAN Box                   | 4008597493690     |
| Gross weight of box in kg | 0.931             |
| Length of box in m        | 0.265             |
| Width of box in m         | 0.19              |
| Height of box in m        | 0.072             |
| Product weight            | 55 g              |
| Product status            | Nieaktywne        |

## **Electric Parameters**

| Wattage                                   | 6.0 W     |
|---|-----------|
| Nominal power                             | 6.0 W     |
| Weighted energy consumption in 1000 hours | 6 kWh     |
| Lamp power                                | 6.0-6.0 W |
| Power factor                              | > 0.50    |

RL-S11 6W/840/G23 EM



# **Electric Parameters**

| Nominal voltage                         | 220-240 V |
|---|-----------|
| Voltage type                            | AC        |
| Nominal current (mA)                    | 50 mA     |
| max. no. of lamps at 10A automatic fuse | 75        |
| max. no. of lamps at 16A automatic fuse | 120       |
| dimmable                                | Nie       |

# **Light Application Parameters**

| Luminous flux                 | 700 lm        |
|-------------------------------|---------------|
| Rated lamp luminous flux      | 700 lm        |
| Luminous flux                 | 700-700 lm    |
| Luminous flux in 90°-sector   | 700 lm lm     |
| Luminous flux in 120°-sector  | 700 lm lm     |
| Beam angle                    | 120 °         |
| Efficacy                      | 116 lm/W      |
| Total mains efficacy          | 116 lm/W      |
| Light colour                  | Neutral white |
| Color temperature             | 4000 K        |
| Color rendering index         | ≥ 80          |
| Color rendering index nominal | 80-89         |

## **Service Life**

| Average life                | 30000 h |  |
|-----------------------------|---------|--|
| Mean service life           | 30000 h |  |
| No. switching cycles        | 200000  |  |
| Early failure rate at 1000h | ≤ 5.0 % |  |
| Guarantee                   | 3 years |  |

# **Specification**

| Energylabel notice     | old label, no EPREL registration, no EU data sheet |
|------------------------|--|
| Energylabel (E -> A++) | A++  |
| Diameter               | 33 mm  |
| Length max.            | 237 mm mm  |
| Length                 | 237 mm   |
| Burning position       | any  |
| Mercury content        | 0.0 mg   |

RL-S11 6W/840/G23 EM



### **Specification**

| Lamp shape | Tube, single-ended |
|------------|--------------------|
| Base       | G23                |
| Colour     | White              |

#### **Notes on Operation**

| Degree of protection (IP)    | IP20      |
|------------------------------|-----------|
| Burning position             | any       |
| Mode of operation            | CCG, 230V |
| suitable for tandem circuit  | Tak       |
| Range of storage temperature | -20+80 °C |
| Ambient temperatures         | -20+45 °C |

#### Information especially for EPREL

| Energylabel notice                   | old label, no EPREL registration, no EU data sheet |
|--------------------------------------|--|
| Lighting technology                  | LED  |
| Directional or non-directional light | NDLS   |
| Color tunable light source           | Nie  |
| Type of color temperature            | SINGLE_VALUE                                       |

#### **Notes**

LED compact lamp to exchange with Ralux S, neutral white, plastic body, not dimmable, base G23.

Please, refer to <a href="www.radium.de/recycling">www.radium.de/recycling</a> 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



G23 IEC/EN 60061-1 sheet 7004-69-1

#### Spectrum

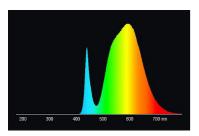
As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.

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.

### RL-S11 6W/840/G23 EM





LED retrofit lamps 4000K

# 400 500 600 700 nm

#### 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.

daylight(D 65)

® = Registered trademark

Subject to change without notice. Errors and omissions excepted.

#### Safety instructions

To ensure full light efficiency and product life, the permissible temperature ranges must be observed and dry environment ensured. When operated with existing control gear, their compatibility with the lamp must be checked.

All technical data without guarantee.