

# PRODUCT DATASHEET ST PIN 20 1.7 W/2700 K G4 FR

Starters for single operation at 230 V AC (ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



#### Areas of application

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Fovers, offices
- Outdoor applications only in suitable luminaires

#### **Product benefits**

- Long lifetime of up to 15,000 h
- Low energy consumption
- Ideal for decorative and free-burning applications
- Three year guarantee

#### Product features

- LED alternative to conventional low voltage lamps
- Mercury-free lamps





### TECHNICAL DATA

### Electrical data

| Nominal wattage                        | 1.7 W  |
|--|--------|
| Construction wattage                   | 1.70 W |
| Nominal voltage                        | 12 V   |
| Claimed equiv. conventional lamp power | 20 W   |
| Nominal current                        | 235 mA |
| Type of current                        | AC/DC  |
| Inrush current                         | 8.82 A |
| Power factor $\lambda$                 | > 0.50 |

#### Photometrical data

| Luminous flux                           | 200 lm     |
|---|------------|
| Nominal useful luminous flux 90°        | 200 lm     |
| Luminous efficacy                       | 117 lm/W   |
| Lumen main.fact.at end of nom.life time | 0.70       |
| Light color (designation)               | Warm White |
| Color temperature                       | 2700 K     |
| Color rendering index Ra                | ≥80        |
| Light color                             | 827        |
| Standard deviation of color matching    | ≤6 sdcm    |

## Light technical data

| Beam angle          | 300 °    |
|---------------------|----------|
| Warm-up time (60 %) | < 0.50 s |
| Starting time       | < 0.5 s  |

# Dimensions & Weight

| Overall length   | 36.00 mm |
|------------------|----------|
| Diameter         | 14.00 mm |
| Maximum diameter | 14 mm    |
| Product weight   | 4.00 g   |

# Temperatures & operating conditions

| Ambient temperature range            | -20+40 °C |
|--------------------------------------|-----------|
| Maximum temperature at tc test point | 80 °C     |

### Lifespan

| Number of switching cycles                   | 100000 |
|--|--------|
| Lumen maintenance at end of service lifetime | 0.70   |
| Rated lamp survival factor at 6,000 h        | ≥ 0.90 |

### Additional product data

| Base (standard designation) | G4      |
|-----------------------------|---------|
| Mercury content             | 0.0 mg  |
| Mercury-free                | Yes     |
| Design / version            | Frosted |

## Capabilities

| Dimmable | No |
|----------|----|
|----------|----|

#### Certificates & Standards

| Energy efficiency class                      | F 1)           |
|--|----------------|
| Energy consumption                           | 2.00 kWh/1000h |
| Type of protection                           | IP20           |
| Standards                                    | CE / EAC / CB  |
| Photobiological safety group acc. to EN62778 | RG0            |

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

# Country-specific categorizations

| ILCOS           | DRT/F-1,7/827-12-G4-14/36 |
|-----------------|---------------------------|
| Order reference | LEDPIN20 1,7W/8           |

## Energy labelling regulation data acc EU 2019/2015

| Light source cap-type (or other electric interface) | G4           |
|---|--------------|
| Correlated colour temperature type                  | SINGLE_VALUE |
| Length  | 36.00 mm     |
| Height  | 14.00 mm     |
| Width   | 14.00 mm     |
| Displacement factor                                 | 0.5          |
| EPREL ID  | 1402906      |
|   |              |

#### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume   |
|---------------|------------------------------|--------------------------------------|--------------|----------|
| 4058118008469 | Shipping box<br>18           | 345 mm x 153 mm x 136 mm             | 359.00 g     | 7.18 dm³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

#### References / Links

- For Guarantee see www.osram-lamps.com/guarantee
- For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps

#### **DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.