

## PARATHOM PIN G4 2.2 W/827 12 V G4

PARATHOM LED PIN G4 12 V | Low-voltage 12 V LED lamps with retrofit pin base G4



### Areas of application

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Foyers, offices

### Product benefits

- Very low energy consumption
- Much longer relamping intervals (compared with the standard reference product)
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Ideal for decorative and free-burning applications
- Lower thermal output (compared with the standard reference product)

### Product features

- Not dimmable
- Base: G4
- Lifetime: up to 15,000 h
- Mercury-free lamps
- Color temperature: 3,000 K



Technical data

Electrical data

|  |            |
|--|------------|
| Rated wattage                          | 2.20 W     |
| Nominal wattage                        | 2.20 W     |
| Nominal voltage                        | 12.0 V     |
| Operating frequency                    | 50...60 Hz |
| Power factor $\lambda$                 | > 0.50     |
| Claimed equiv. conventional lamp power | 20 W       |

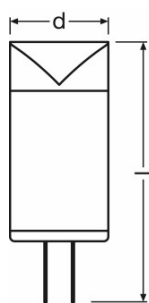
Photometrical data

|                                      |                           |
|--------------------------------------|---------------------------|
| Nominal luminous flux                | 200 lm                    |
| Rated luminous flux                  | 200 lm                    |
| Color temperature                    | 2700 K                    |
| Color rendering index Ra             | >80                       |
| Light color (designation)            | Warm White                |
| Standard deviation of color matching | $\leq 6$ sdc <sub>m</sub> |

Light technical data

|                     |          |
|---------------------|----------|
| Warm-up time (60 %) | < 0.50 s |
| Beam angle          | 240 °    |
| Starting time       | < 0.5 s  |

Dimensions & weight



|                |         |
|----------------|---------|
| Overall length | 36.0 mm |
| Diameter       | 14.0 mm |
| Outer bulb     | T14     |
| Length         | 36.0 mm |

## Product datasheet

### Lifespan

|  |         |
|--|---------|
| Nominal lamp life time                   | 15000 h |
| Rated lamp life time                     | 15000 h |
| Number of switching cycles               | 100000  |
| Lumen main.fact.at end of nom.life time  | 0.70    |
| Lumen maintenance at end of service life | 0.70    |

### Additional product data

|                                   |  |
|-----------------------------------|--|
| Base (standard designation)       | G4   |
| Lamp mercury content              | 0.0 mg   |
| Mercury-free                      | Yes  |
| Design / version                  | Clear  |
| Appropriate disposal acc. to WEEE | Yes  |
| Product remark                    | All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

### Capabilities

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

### Certificates & standards

|                         |             |
|-------------------------|-------------|
| Energy efficiency class | A++         |
| Energy consumption      | 3 kWh/1000h |

### Country specific categorizations

|                 |                             |
|-----------------|-----------------------------|
| ILCOS           | DRG/C-2,2/827-12-G4-14,1/36 |
| Order reference | PARA LED PIN 2,             |



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Guarantee

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Logistical Data

| Product code  | Product description               | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|-----------------------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4052899937925 | PARATHOM PIN G4 2.2 W/827 12 V G4 | Shipping carton box 20       | 132 mm x 107 mm x 76 mm              | 1.07 dm <sup>3</sup> | 214.00 g     |

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.

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References / Links

For further products and actual information concerning LED lamps see

▶ [www.osram.com/ledlamps](http://www.osram.com/ledlamps)

For Guarantee see

▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

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Disclaimer

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