**OSRAM** OSRAM

# PARATHOM R50 40 30 3 W/827 E14

## PARATHOM R50 | LED reflector lamps R50 with retrofit screw base

### Areas of application

- High-quality domestic and professional environments
- Display cabinets and shop windows
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires

### Product benefits

- Ideal for economical spotlighting
- Replacement for white incandescent reflector lamps up to 40 W
- Very low energy consumption
- Extremely long life
- Extremly economical
- No UV and near-IR radiation in the light beam
- Extravagant unmistakeable OSRAM design
- Efficient generation of white light
- Professional thermal management

### Product features

- Professional LED lamps for line voltage
- Not dimmable
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp
- Base: E14
- Mercury-free lamps

# Product datasheet

– Average life: up to 15,000 h

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# Product datasheet

## Electrical data

| | |
|---|---|
| **Rated wattage** | 3.00 W |
| **Nominal wattage** | 3.00 W |
| **Nominal voltage** | 220...240 V |
| **Claimed equiv. conventional lamp power** | 40 W |
| **Operating frequency** | 50...60 Hz |
| **Power factor λ** | > 0.50 |

## Photometrical data

| | |
|---|---|
| **Luminous intensity** | 600 cd |
| **Nominal luminous flux** | 230 lm |
| **Rated luminous flux** | 230 lm |
| **Color temperature** | 2700 K |
| **Color rendering index Ra** | ≥80 |
| **Light color (designation)** | Warm White |
| **Standard deviation of color matching** | ≤6 sdcm |
| **Nominal useful luminous flux 90°** | 230 lm |
| **Rated useful luminous flux 90°** | 230 lm |
| **Rated peak intensity** | 600 cd |
| **Nom. useful luminous flux 120°** | 243 lm |
| **Rated useful luminous flux 120°** | 243 lm |

## Light technical data

| | |
|---|---|
| **Beam angle** | 30 ° |
| **Warm-up time (60 %)** | < 0.50 s |
| **Starting time** | < 0.5 s |
| **Nominal beam angle** | 30 ° |
| **Rated beam angle (half peak value)** | 30.00 ° |

# Product datasheet

## Dimensions & weight
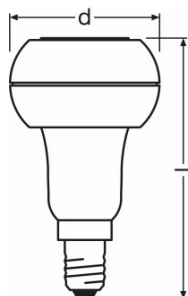
| | |
|---|---|
| **Overall length** | 86.0 mm |
| **Diameter** | 50.0 mm |
| **Outer bulb** | T50 |
| **Length** | 86.0 mm |
| **Maximum diameter** | 50.0 mm |

## 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 |

## Additional product data

| | |
|---|---|
| **Base (standard designation)** | E14 |
| **Lamp mercury content** | 0.0 mg |
| **Mercury-free** | Yes |
| **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

# Product datasheet

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

**Country specific categorizations**

| ILCOS | DRRR-4/827-230-E14-50/30 |
|---|---|
| Order reference | PR504030 3W/827 |



Guarantee

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## Equipment / Accessories

– Equipped with high-power LEDs

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## Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4052899938656 | PARATHOM R50 40 30 3 W/827 E14 | Shipping carton box 10 | 267 mm x 111 mm x 102 mm | 3.02 dm³ | 589.00 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 Guarantee see
▶ www.osram.com/guarantee

For further products and actual information concerning LED lamps see
▶ www.osram.com/ledlamps

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## Disclaimer

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

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