Product datasheet

# P R50 24 50° DIM 3.5 W/827 E14

PARATHOM R50 DIM | Dimmable LED reflector lamps R50 with retrofit screw base



## Areas of application

- Display cabinets and shop windows
- Museums, art galleries
- Exhibition rooms
- Hospitality
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor applications only in suitable luminaires

## Product benefits

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Easy replacement of halogen lamps thanks to compact design
- Instant 100 % light, no warm-up time

## Product features

- Professional LED alternative to halogen lamps
- Good color rendering index $R_a$: ≥ 80
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Mercury-free lamps




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Technical data

## Electrical data

| | |
|---|---|
| **Rated wattage** | 3.50 W |
| **Nominal wattage** | 3.50 W |
| **Nominal voltage** | 220…240 V |
| **Claimed equiv. conventional lamp power** | 24 W |
| **Operating frequency** | 50…60 Hz |
| **Power factor λ** | > 0.70 |

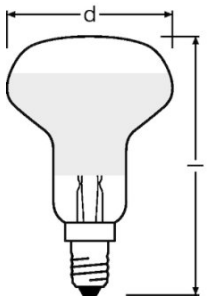
## Photometrical data

| | |
|---|---|
| **Rated luminous flux** | 240 lm |
| **Rated color temperature** | 2700 K |
| **Color rendering index Ra** | ≥80 |
| **Light color (designation)** | Warm White |
| **Standard deviation of color matching** | ≤6 sdcm |
| **Nominal luminous flux** | 240 lm |
| **Nominal useful luminous flux 90°** | 240 lm |
| **Rated useful luminous flux 90°** | 240 lm |
| **Lumen main.fact.at end of nom.life time** | 0.70 |

## Light technical data

| | |
|---|---|
| **Beam angle** | 50 ° |
| **Warm-up time (60 %)** | < 0.50 s |
| **Nominal beam angle** | 50 ° |
| **Rated beam angle (half peak value)** | 50.00 ° |
| **Starting time** | < 0.5 s |

## Dimensions & weight





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| | |
|---|---|
| **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 |

## Additional product data

| | |
|---|---|
| **Base (standard designation)** | E14 |
| **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 lampDue 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** | Yes |

## Certificates & standards

| | |
|---|---|
| **Energy efficiency class** | A+ |
| **Energy consumption** | 4 kWh/1000h |

## Country specific categorizations

| | |
|---|---|
| **ILCOS** | DRRR-3,5-220/240-E14-50/20 |
| **Order reference** | LEDPR5024D 3,5W |

## Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|


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| | | | | | |
|---|---|---|---|---|---|
| 4058075809086 | P R50 24 50° DIM 3.5 W/827 E14 | Shipping carton box 10 Pieces Folding carton box | 267 mm x 111 mm x 102 mm | 3.02 $dm^3$ | 358.00 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.

## References / Links

For dimming conformity see
- www.osram.com/DIM

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

For Guarantee see
- www.osram.com/guarantee

## Disclaimer

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


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