

PRODUCT DATASHEET

P R50 25 36° 1.5 W/2700K E14

PARATHOM R50 | 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

- Long lifetime of up to 15,000 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
- Mercury-free lamps



TECHNICAL DATA

Electrical data

| | |
|------------------------------------------|-------------|
| Rated wattage | 1.50 W |
| Nominal wattage | 1.50 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 25 W |
| Max. lamp no. on circuit break. 10 A (B) | 300 |
| Max. lamp no. on circuit break. 16 A (B) | 400 |
| Operating frequency | 50...60 Hz |
| Power factor λ | 0.53 |

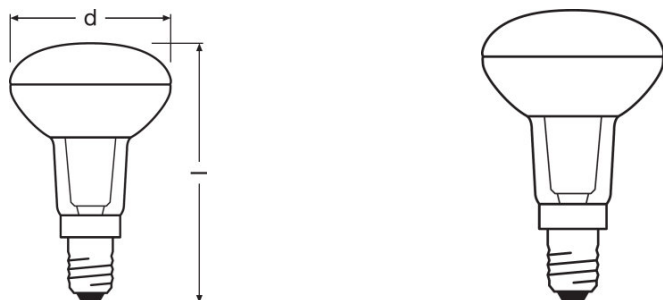
Photometrical data

| | |
|-----------------------------------------|--------------|
| Nominal luminous flux | 110 lm |
| Rated luminous flux | 110 lm |
| Rated color temperature | 2700 K |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Luminous flux | 110 lm |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 6 sdc |
| Color rendering index Ra | ≥ 80 |
| Nominal useful luminous flux 90° | 110 lm |
| Rated useful luminous flux 90° | 110 lm |
| Rated peak intensity | 300 cd |

Light technical data

| | |
|------------------------------------|----------|
| Beam angle | 36 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |
| Nominal beam angle | 36 ° |
| Rated beam angle (half peak value) | 36.00 ° |

Dimensions & weight



| | |
|-------------------------|---------|
| Overall length | 85.0 mm |
| Diameter | 50.0 mm |
| Outer bulb | T50 |
| Length | 85.0 mm |
| Maximum diameter | 50.0 mm |

Temperatures & operating conditions

| | |
|---------------------------------------------|-------|
| Maximum temperature at tc test point | 58 °C |
|---------------------------------------------|-------|

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 |
| Show WEEE picto | 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

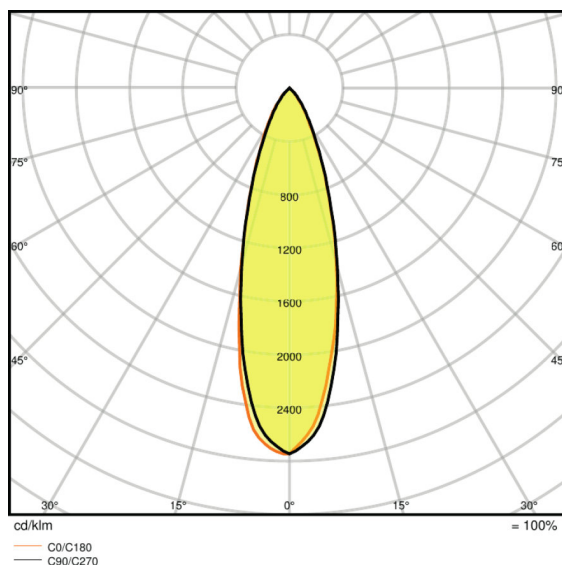
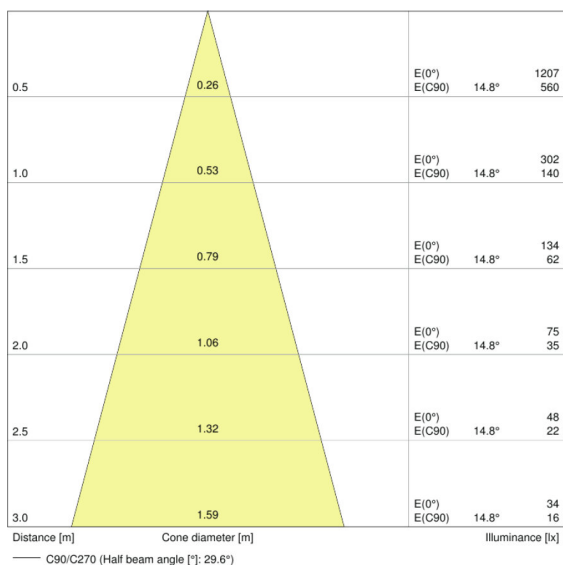
| | |
|--------------------------------|----|
| Energy efficiency class | A+ |
|--------------------------------|----|

| | |
|---------------------------|-------------|
| Energy consumption | 2 kWh/1000h |
|---------------------------|-------------|

Country-specific categorizations

| | |
|------------------------|-----------------|
| Order reference | LEDPR5025 1,5W/ |
|------------------------|-----------------|

Light Distribution



LDC typ cone

LDC typ polar

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075263888 | Folding carton box 1 | 51 mm x 51 mm x 88 mm | 72.00 g | 0.23 dm ³ |
| 4058075263895 | Shipping carton box 10 | 287 mm x 119 mm x 106 mm | 836.00 g | 3.62 dm ³ |

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 further products and actual information concerning LED lamps see

- ▶ www.ledvance.com/ledlamps

For Guarantee see

- ▶ www.ledvance.com/guarantee

DISCLAIMER

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