PRODUCT DATASHEET
P R50 46 36° 3.5 W/2700 K 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

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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	46 W
Operating frequency	50…60 Hz
Power factor λ	> 0.40

Photometrical data

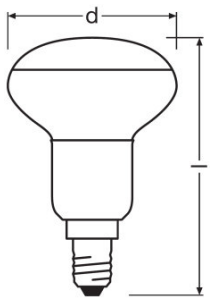
Luminous intensity [PIM]	460 cd
Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	230 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	230 lm
Rated useful luminous flux 90°	230 lm
Rated peak intensity	460 cd
Nom. useful luminous flux 120°	240 lm
Rated useful luminous flux 120°	240 lm

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

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Dimensions & weight



Overall length	84.0 mm
Diameter	49.0 mm
Outer bulb	T50
Length	84.0 mm
Maximum diameter	49.0 mm

Temperatures & operating conditions

Maximum temperature at tc test point	80 °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+

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Energy efficiency class	A+
Energy consumption	4 kWh/1000h

Country-specific categorizations

ILCOS	DRR-3,5/827-220-240-E14-50/36
Order reference	PR504636 3,5W/8

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899963214	P R50 46 36° 3.5 W/2700 K E14	Shipping carton box 10	267 mm x 111 mm x 102 mm	3.02 dm^3	548.00 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 further products and actual information concerning LED lamps see
- www.ledvance.com/ledlamps

For Guarantee see
- www.ledvance.com/guarantee

DISCLAIMER

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