PRODUCT DATASHEET
P R50 12 60° 1.6 W/2700 K E14

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



AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires
- Perfect for decorative installations

PRODUCT BENEFITS

- Replacement for white halogen reflector lamps up to 16 W
- Very low energy consumption
- Long lifetime of up to 15,000 h
- Clear lamps with innovative LED "filament" technology
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)
- Correct operation even at low temperatures

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Base: E14



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– Mercury-free lamps

TECHNICAL DATA

Electrical data

Rated wattage	1.60 W
Nominal wattage	1.60 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	12 W
Operating frequency	50…60 Hz
Power factor λ	> 0.40

Photometrical data

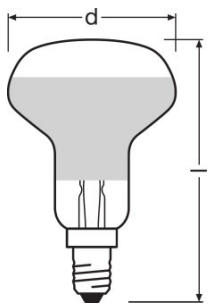
Luminous intensity [PIM]	200 cd
Nominal luminous flux	110 lm
Rated luminous flux	110 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	110 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	110 lm
Rated useful luminous flux 90°	110 lm

Light technical data

Beam angle	60 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	60 °
Rated beam angle (half peak value)	60.00 °

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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	49 °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
Design / version	Clear
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

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Energy efficiency class	A+
Energy efficiency class	A+
Energy consumption	2 kWh/1000h

Country-specific categorizations

ILCOS	DRNT-1,6/827-220-240-E14-50/50
Order reference	LEDPR5012 1,6W/

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899972711	P R50 12 60° 1.6 W/2700 K E14	Shipping carton box 10	267 mm x 111 mm x 102 mm	3.02 dm^3	364.00 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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