
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 use in outdoor luminaires only (minimum IP65)

Product benefits

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

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
- Average life: up to 15,000 h



Technical data

Electrical data

Rated wattage	3.90 W
Nominal wattage	3.90 W
Nominal voltage	220 V
Claimed equiv. conventional lamp power	40 W
Operating frequency	50...60 Hz
Power factor λ	> 0.40
Energy consumption	4 kWh/1000h

Photometrical data

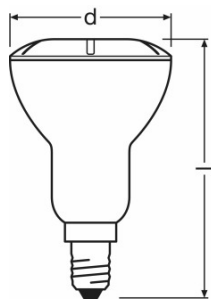
Nominal luminous flux	196 lm
Rated luminous flux	196 lm
Color temperature	2700 K
Color rendering index Ra	80
Lumen main.fact.at end of nom.life time	0.70
Light color as per EN 12464-1	Warm White
Standard deviation of color matching	≤ 6 sdcn
Nominal useful luminous flux 90°	196 lm
Rated useful luminous flux 90°	196 lm
Rated peak intensity	540 cd

Light technical data

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

Dimensions & weight

Product datasheet



Product line drawing

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

Colors & materials

Lamp mercury content	0.0 mg
Mercury-free	Yes

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
Appropriate disposal acc. to WEEE	Yes
Footnote only for product	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
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Product datasheet

Certificates & standards

Energy efficiency class	A+
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Country specific categorizations

ILCOS	DRRR-4-220/240-E14-50/30
Order reference	PR504030 3.9W/8

Country specific information

Product code	METEL-Code	SEG number	STK-Number	UK Org
4052899920514	-	8334368	-	-

Product datasheet



Guarantee

Equipment / Accessories

- Equipped with high-power LEDs

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899920514		Folding carton box 1	90 mm x 52 mm x 52 mm	0.24 dm ³	104.00 g
4052899920569		Shipping carton box 10	107 mm x 116 mm x 275 mm	3.41 dm ³	1135.00 g
4052899083035		Shipping carton box 80	- x - x -		

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 Guarantee see

▶ www.osram.com/guarantee

For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

Disclaimer

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