

PARATHOM R50 40 30° ADV 3.5 W/827 E14

PARATHOM advanced R50 | Dimmable 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.

Product benefits

- Ideal for economical spotlighting
- Replacement for white incandescent reflector lamps up to 40 W
- Very low energy consumption
- Robust against vibrations

Product features

- High-quality LED replacement for halogen reflector lamps
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Compatible with many common electronic control gears (see also compatibility list)
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp
- Lifetime: up to 25,000 h
- Mercury-free lamps
- High color consistency: < 6 SDCM



Technical data

Electrical data

Rated wattage	3.50 W
Nominal wattage	3.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Operating frequency	50...60 Hz
Power factor λ	> 0.40

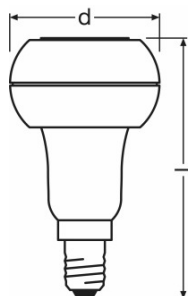
Photometrical data

Luminous intensity	600 cd
Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Color temperature	2700 K
Color rendering index Ra	≥ 80
Light color (designation)	Warm White
Standard deviation of color matching	≤ 6 sdcM
Nominal useful luminous flux 90°	230 lm
Rated useful luminous flux 90°	230 lm
Rated peak intensity	600 cd
Nom. useful luminous flux 120°	243 lm
Rated useful luminous flux 120°	243 lm

Light technical data

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

Dimensions & weight



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	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000
Lumen main.fact.at end of nom.life time	0.70

Additional product data

Base (standard designation)	E14
Lamp mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	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	Yes
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Certificates & standards

Product datasheet

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

Country specific categorizations

ILCOS	DRRR-2/827-230-E14-50/30
Order reference	PR50DIM4030 3,5



Guarantee

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899938670	PARATHOM R50 40 30° ADV 3.5 W/827 E14	Shipping carton box 10	267 mm x 111 mm x 102 mm	3.02 dm ³	878.00 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.

Disclaimer

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