

## PARATHOM PAR20 50 30° 6 W/827 E27

PARATHOM advanced PAR20 | Dimmable LED reflector lamps PAR20 with retrofit screw base



### Areas of application

- Shops
- Directional light sources
- Exhibitions, department stores
- Hotels, restaurants

### Product benefits

- Very low energy consumption
- Extremely long life
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Professional thermal management
- Efficient generation of white light
- Alternative to line-voltage halogen lamps
- Ideal for economical spotlighting

### Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also [www.osram.com/dim](http://www.osram.com/dim))
- Base: E27
- Lifetime: up to 40,000 h
- Mercury-free and RoHS compliant



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Technical data

**Electrical data**

Rated wattage	6.00 W
Nominal wattage	6.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.90

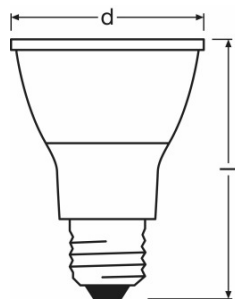
**Photometrical data**

Luminous intensity	1200 cd
Nominal luminous flux	350 lm
Rated luminous flux	350 lm
Color temperature	2700 K
Color rendering index Ra	$\geq 80$
Light color (designation)	Warm White
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Nominal useful luminous flux 90°	350 lm
Rated useful luminous flux 90°	350 lm
Rated peak intensity	1200 cd
Nom. useful luminous flux 120°	360 lm
Rated useful luminous flux 120°	360 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



<b>Overall length</b>	87.0 mm
<b>Diameter</b>	63.5 mm
<b>Outer bulb</b>	PAR64
<b>Length</b>	87.0 mm
<b>Maximum diameter</b>	64.0 mm

## Lifespan

<b>Nominal lamp life time</b>	40000 h
<b>Rated lamp life time</b>	40000 h
<b>Number of switching cycles</b>	100000
<b>Lumen main.fact.at end of nom.life time</b>	0.70

## Additional product data

<b>Base (standard designation)</b>	E27
<b>Lamp mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Appropriate disposal acc. to WEEE</b>	Yes
<b>Product remark</b>	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

<b>Dimmable</b>	Yes <sup>1)</sup>
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<sup>1)</sup> With many common dimmers, see also [www.osram.com/dim](http://www.osram.com/dim)

## Product datasheet

### Certificates & standards

Energy efficiency class	A+
Energy consumption	6 kWh/1000h

### Country specific categorizations

ILCOS	DRPAR-6-220-240-E27-63/87
Order reference	PPAR205030DI 6W



Guarantee

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899931299	PARATHOM PAR20 50 30° 6 W/827 E27	Shipping carton box 10	336 mm x 139 mm x 105 mm	4.90 dm <sup>3</sup>	1625.00 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.