

## PARATHOM PAR38 120 30° ADV 17 W/827

PARATHOM PAR38 advanced | Dimmable LED reflector lamps PAR38 with retrofit pin 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 lamps



## Technical data

### Electrical data

Rated wattage	17.00 W
Nominal wattage	17.0 W
Nominal voltage	220 V
Claimed equiv. conventional lamp power	120 W
Operating frequency	50...60 Hz
Power factor $\lambda$	0.90

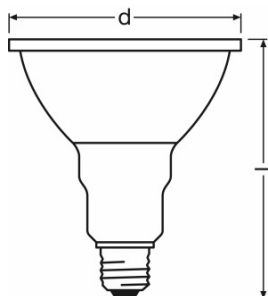
### Photometrical data

Luminous intensity	3000 cd
Nominal luminous flux	1050 lm
Rated luminous flux	1050 lm
Color temperature	2700 K
Color rendering index Ra	80
Light color as per EN 12464-1	Warm White
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Nominal useful luminous flux 90°	1035 lm
Rated useful luminous flux 90°	1035 lm
Rated peak intensity	1035 cd

### Light technical data

Beam angle	30.00 °
Warm-up time (60 %)	< 2.00 s
Starting time	< 0.5 s
Nominal beam angle	30.00 °
Rated beam angle (half peak value)	30.00 °

## Dimensions & weight



<b>Overall length</b>	133.0 mm
<b>Diameter</b>	121.0 mm
<b>Outer bulb</b>	PAR121
<b>Length</b>	133.0 mm
<b>Maximum diameter</b>	123.0 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>New article</b>	NEW
<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
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## Product datasheet

### Certificates & standards

Energy efficiency class	A
Energy consumption	17 kWh/1000h

### Country specific categorizations

ILCOS	DRPAR-17-220-240-E27-121/30
Order reference	PPAR3812030 17W

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899105669	PARATHOM PAR38 120 30° ADV 17 W/827	Shipping carton box 12	530 mm x 406 mm x 200 mm	43.04 dm <sup>3</sup>	6428.00 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 dimming conformity see  
▶ [www.osram.com/DIM](http://www.osram.com/DIM)

For further products and actual information concerning LED lamps see  
▶ [www.osram.com/ledlamps](http://www.osram.com/ledlamps)

For Guarantee see  
▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

### Disclaimer

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