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## PARATHOM PAR38 120 30° ADV 14 W/827 E27

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



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### Areas of application

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

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### 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

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### 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	14.00 W
Nominal wattage	14.0 W
Nominal voltage	230 V
Claimed equiv. conventional lamp power	120 W
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.70

### Photometrical data

Luminous intensity	2500 cd
Nominal luminous flux	1035 lm
Rated luminous flux	1035 lm
Color temperature	2700 K
Color rendering index Ra	$\geq 80$
Light color (designation)	Warm White
Standard deviation of color matching	$\leq 5$ sdcM
Nominal useful luminous flux 90°	1035 lm
Rated useful luminous flux 90°	1035 lm
Rated peak intensity	2500 cd
Nom. useful luminous flux 120°	1080 lm
Rated useful luminous flux 120°	1080 lm

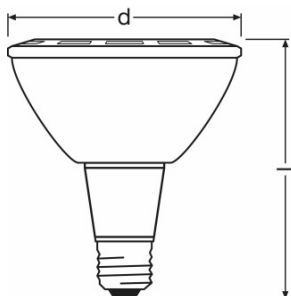
### Light technical data

Beam angle	30 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s
Nominal beam angle	30 °
Rated beam angle (half peak value)	30.00 °

## Product datasheet

### Dimensions & weight

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Overall length	129.0 mm
Diameter	121.0 mm
Outer bulb	PAR121
Length	129.0 mm
Maximum diameter	121.0 mm

### Lifespan

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

### Additional product data

Base (standard designation)	E27
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

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## Product datasheet

Energy efficiency class	A+
Energy consumption	14 kWh/1000h

### Country specific categorizations

Order reference	PPAR38120DIM 14
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Guarantee

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899938526	PARATHOM PAR38 120 30° ADV 14 W/827 E27	Shipping carton box 12	530 mm x 406 mm x 200 mm	43.04 dm <sup>3</sup>	5932.00 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.