

# PRODUCT DATASHEET

## P PAR 38 100 30° 12.5 W/2700K E27

PARATHOM DIM PAR38 | Dimmable LED reflector lamps PAR38 with retrofit screw base



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### AREAS OF APPLICATION

- Decorative public outdoor lighting
- Display cabinets and shop windows
- Museums, art galleries
- Hospitality
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

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### PRODUCT FEATURES

- Type of protection: IP65
- Professional LED alternative to PAR38 halogen lamps
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



## TECHNICAL DATA

### Electrical data

Rated wattage	12.50 W
Nominal wattage	12.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Operating frequency	50...60 Hz
Power factor $\lambda$	$\geq 0.70$

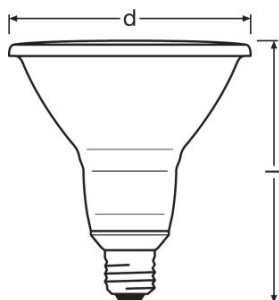
### Photometrical data

Luminous intensity [PIM]	2400 cd
Nominal luminous flux	1035 lm
Rated luminous flux	1035 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	1035 lm
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdcn
Color rendering index Ra	$\geq 80$
Nominal useful luminous flux 90°	1035 lm
Rated useful luminous flux 90°	1035 lm
Rated peak intensity	2400 cd

### 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>	133.0 mm
<b>Diameter</b>	122.0 mm
<b>Outer bulb</b>	PAR121
<b>Length</b>	133.0 mm
<b>Maximum diameter</b>	122.0 mm

Temperatures & operating conditions

<b>Maximum temperature at tc test point</b>	75 °C
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Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Number of switching cycles</b>	100000

Additional product data

<b>Base (standard designation)</b>	E27
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Show WEEE picto</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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Certificates & standards

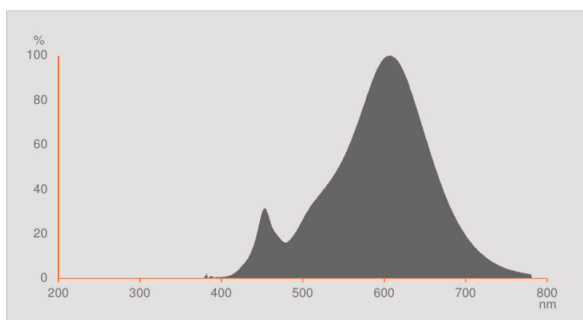
<b>Energy efficiency class</b>	A+
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<b>Energy consumption</b>	13 kWh/1000h
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Country-specific categorizations

<b>ILCOS</b>	DRPAR-12,5/827-220-240-E27-120/30
<b>Order reference</b>	LPPR38D10030 12

Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075813250	Folding carton box 1	127 mm x 129 mm x 170 mm	445.00 g	2.79 dm <sup>3</sup>
4058075813267	Shipping carton box 6	393 mm x 269 mm x 184 mm	2925.00 g	19.45 dm <sup>3</sup>

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.ledvance.com/dim](http://www.ledvance.com/dim)

For further products and actual information concerning LED lamps see

- ▶ [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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**DISCLAIMER**

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