PRODUCT DATASHEET
P PAR38 120 15° 12.5 W/2700 K E27

PARATHOM PAR38 | LED reflector lamps PAR38 with retrofit screw base



AREAS OF APPLICATION

- 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

PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

PRODUCT FEATURES

- Professional LED alternative to PAR38 halogen lamps
- Mercury-free lamps



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TECHNICAL DATA

Electrical data

Rated wattage	12.50 W
Nominal wattage	12.50 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	120 W
Max. lamp no. on circuit break. 10 A (B)	32
Max. lamp no. on circuit break. 16 A (B)	51
Operating frequency	50…60 Hz
Power factor λ	> 0.50

Photometrical data

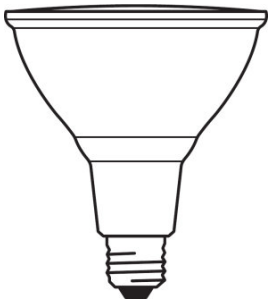
Nominal luminous flux	1035 lm
Rated luminous flux	1035 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	1035 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	1035 lm
Rated useful luminous flux 90°	1035 lm
Rated peak intensity	11000 cd

Light technical data

Beam angle	15 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	15 °
Rated beam angle (half peak value)	15.00 °

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Dimensions & weight



Overall length	134.0 mm
Diameter	122.0 mm
Outer bulb	PAR121
Length	134.0 mm
Maximum diameter	122.0 mm

Temperatures & operating conditions

Maximum temperature at tc test point	75 °C

Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	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	No

Certificates & standards

Energy efficiency class	A+

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Energy efficiency class	A+
Energy consumption	13 kWh/1000h

Country-specific categorizations

Order reference	LPPAR3812015 12

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075105454	P PAR38 120 15° 12.5 W/2700 K E27	Shipping carton box 6	393 mm x 269 mm x 184 mm	19.45 dm^3	2237.00 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 further products and actual information concerning LED lamps see
- www.ledvance.com/ledlamps

For Guarantee see
- www.ledvance.com/guarantee

DISCLAIMER

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