

PRODUCT DATASHEET

P PAR 38 0 13 W/ E27

PARATHOM® PAR38 | LED reflector lamps PAR38 with retrofit screw base



Areas of application

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

Product features

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Base: E27
- Lamp made of glass
- Good quality of light; color rendering index $R_a: \geq 80$
- Lifetime: up to 15,000 h
- Type of protection: IP65



TECHNICAL DATA

Electrical data

Nominal wattage	13 W
Construction wattage	13.00 W
Nominal voltage	220...240 V
Nominal current	106 mA
Type of current	AC
Inrush current	≤18 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	31
Max. lamp no. on circuit break. 16 A (B)	50
Power factor λ	> 0.50

Photometrical data

Luminous flux	300 lm
Luminous efficacy	23 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Green
Rated LLMF at 6,000 h	0.80

Light technical data

Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	134.00 mm
Diameter	122.00 mm
Maximum diameter	122 mm
Product weight	350.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	75 °C

Lifespan

Lifespan	25000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	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
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Certificates & Standards

Energy consumption	13.00 kWh/1000h
Type of protection	IP65
Standards	CE / EAC


Country-specific categorizations

Order reference	LPPAR38 13W 230
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	134.00 mm
Height	122.00 mm
Width	122.00 mm

DOWNLOAD DATA

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075117174	Folding box 1	127 mm x 129 mm x 170 mm	465.00 g	2.79 dm ³
4058075117181	Shipping box 6	402 mm x 278 mm x 196 mm	2965.00 g	21.90 dm ³

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

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