PARATHOM PAR38 100 30° 12.5 W/827 E27

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



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

Product benefits

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

Product features

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

© 2018, OSRAM GmbH. All rights reserved.

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 λ	≥ 0.70

Photometrical data

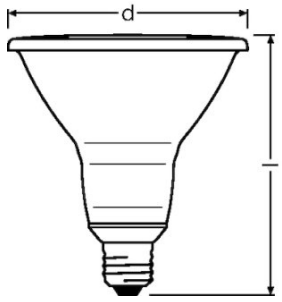
Luminous intensity	2400 cd
Rated luminous flux	1035 lm
Rated color temperature	2700 K
Color rendering index Ra	≥80
Light color (designation)	Warm White
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	1035 lm
Nominal useful luminous flux 90°	1035 lm
Rated useful luminous flux 90°	1035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

Light technical data

Beam angle	30 °
Warm-up time (60 %)	< 0.50 s
Nominal beam angle	30 °
Rated beam angle (half peak value)	30.00 °
Starting time	< 0.5 s

© 2018, OSRAM GmbH. All rights reserved.

Dimensions & weight



Overall length	133.0 mm
Diameter	122.0 mm
Outer bulb	PAR121
Length	133.0 mm
Maximum diameter	122.0 mm

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
Appropriate disposal acc. to WEEE	Yes
Product remark	All technical parameters apply to the entire lampDue 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

Certificates & standards

Energy efficiency class	A+

© 2018, OSRAM GmbH. All rights reserved.

Energy consumption	13 kWh/1000h

Country specific categorizations

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

Safety advice

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075813250	PARATHOM PAR38 100 30° 12.5 W/827 E27	Shipping carton box 6 Pieces Folding carton box	393 mm x 269 mm x 184 mm	19.45 dm^3	2897.00 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

For further products and actual information concerning LED lamps see
- www.osram.com/ledlamps

For Guarantee see
- www.osram.com/guarantee

Disclaimer

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

© 2018, OSRAM GmbH. All rights reserved.