PRODUCT DATASHEET
P R80 100 36° 9.6 W/2700 K E27

PARATHOM R80 DIM | Dimmable LED reflector lamps R80 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 replacement of halogen lamps thanks to compact design
- Instant 100 % light, no warm-up time

PRODUCT FEATURES

- Professional LED alternative to halogen lamps
- Good color rendering index R_a: ≥ 80
- Mercury-free lamps
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)

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TECHNICAL DATA

Electrical data

Rated wattage	9.60 W
Nominal wattage	9.60 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	100 W
Operating frequency	50…60 Hz
Power factor λ	> 0.50

Photometrical data

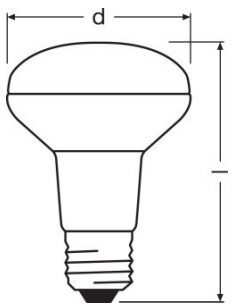
Nominal luminous flux	670 lm
Rated luminous flux	670 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	670 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	670 lm
Rated useful luminous flux 90°	670 lm
Rated peak intensity	1130 cd

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

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Dimensions & weight



Overall length	115.0 mm
Diameter	80.0 mm
Outer bulb	R80
Length	115.0 mm
Maximum diameter	80.0 mm

Temperatures & operating conditions

Maximum temperature at tc test point	89 °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	Yes

Certificates & standards

Energy efficiency class	A+

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Energy efficiency class	A+
Energy consumption	10 kWh/1000h

Country-specific categorizations

Order reference	LEDPR80100D 9,6

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075097186	P R80 100 36° 9.6 W/2700 K E27	Shipping carton box 10	422 mm x 175 mm x 132 mm	9.75 dm^3	2475.00 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.ledvance.com/dim

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.

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