

# **PRODUCT DATASHEET** P R80 100 36° 9.1 W/2700K E27

# PARATHOM R80 | 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**

- Long lifetime of up to 15,000 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
- Mercury-free lamps



# **TECHNICAL DATA**

## Electrical data

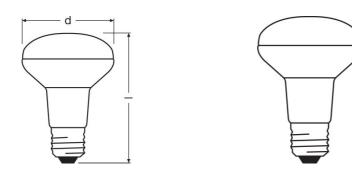
Rated wattage	9.10 W
Nominal wattage	9.10 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	100 W
Operating frequency	5060 Hz
Power factor λ	> 0.50

# Photometrical data

Nominal luminous flux	670 lm
Rated luminous flux	670 lm
Rated color temperature	2700 К
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 К
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	1200 cd

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 °

## 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

•••	07.90
Maximum temperature at tc test point	87 °C

#### Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 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+	

#### Energy consumption

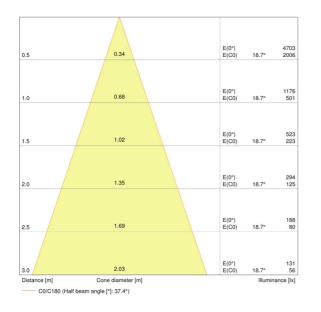
10 kWh/1000h

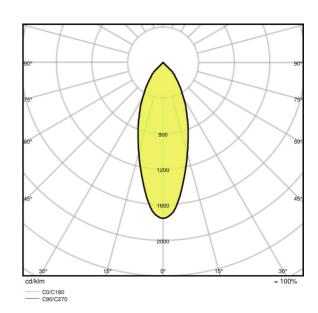
# Country-specific categorizations

Order reference

LEDPR80100 9,1W

## Light Distribution





#### LDC typ cone

#### LDC typ polar

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097223	Folding carton box 1	82 mm x 82 mm x 118 mm	235.00 g	0.79 dm³
4058075097230	Shipping carton box 10	422 mm x 175 mm x 132 mm	2475.00 g	9.75 dm³

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.