

# PRODUCT DATASHEET

## P R80 60 36° 5.9 W/2700 K E27

PARATHOM R80 DIM | Dimmable LED reflector lamps R80 with retrofit screw base



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### 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

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### 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

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### PRODUCT FEATURES

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



## TECHNICAL DATA

### Electrical data

Rated wattage	5.90 W
Nominal wattage	5.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.70

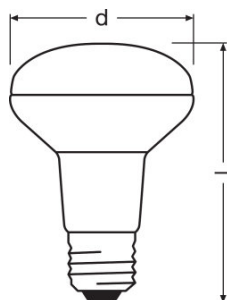
### Photometrical data

Nominal luminous flux	345 lm
Rated luminous flux	345 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	345 lm
Color rendering index Ra	$\geq 90$
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Color rendering index Ra	$\geq 90$
Nominal useful luminous flux 90°	345 lm
Rated useful luminous flux 90°	345 lm
Rated peak intensity	630 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 °

Dimensions & weight



<b>Overall length</b>	115.0 mm
<b>Diameter</b>	80.0 mm
<b>Outer bulb</b>	R80
<b>Length</b>	115.0 mm
<b>Maximum diameter</b>	80.0 mm

Temperatures & operating conditions

<b>Maximum temperature at tc test point</b>	72 °C
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Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Number of switching cycles</b>	100000

Additional product data

<b>Base (standard designation)</b>	E27
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Show WEEE picto</b>	Yes
<b>Product remark</b>	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

<b>Dimmable</b>	Yes
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Certificates & standards

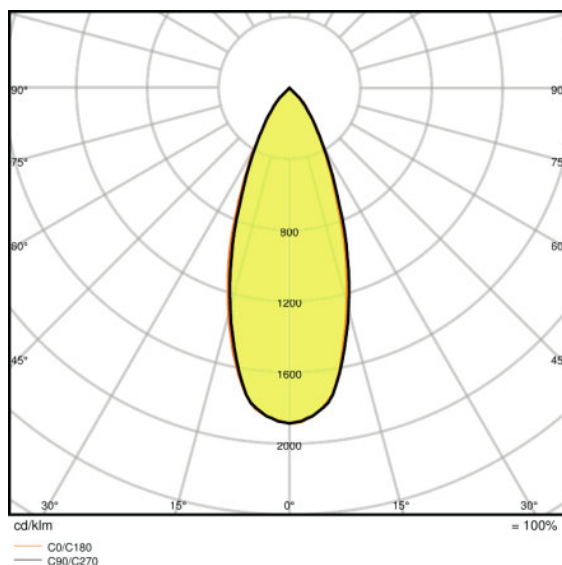
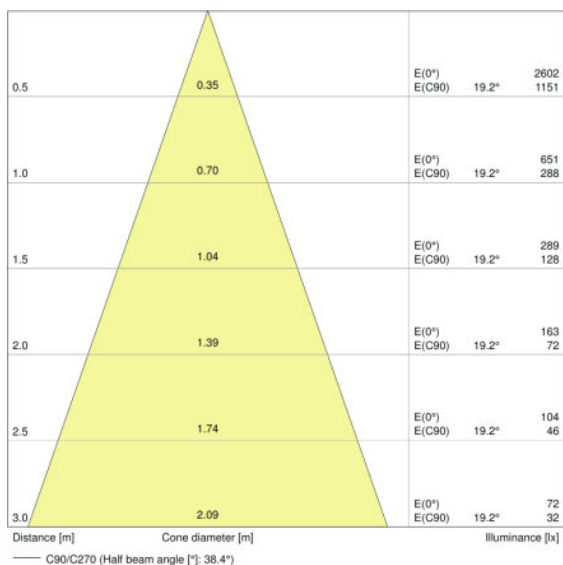
<b>Energy efficiency class</b>	A
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<b>Energy consumption</b>	6 kWh/1000h
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Country-specific categorizations

<b>Order reference</b>	LEDPR8060D 5,9W
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Light Distribution



LDC typ cone

LDC typ polar

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075097308	P R80 60 36° 5.9 W/2700 K E27	Shipping carton box 10	422 mm x 175 mm x 132 mm	9.75 dm <sup>3</sup>	2105.00 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](http://www.ledvance.com/dim)

For further products and actual information concerning LED lamps see

- ▶ [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

- ▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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**DISCLAIMER**

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