

# PRODUCT DATASHEET

## P R80 32 60° 4 W/2700K E27

PARATHOM R80 | 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

- 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

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### PRODUCT FEATURES

- Professional LED alternative to halogen lamps
- Mercury-free lamps



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**TECHNICAL DATA**
**Electrical data**

<b>Rated wattage</b>	4.00 W
<b>Nominal wattage</b>	4.00 W
<b>Nominal voltage</b>	220...240 V
<b>Claimed equiv. conventional lamp power</b>	32 W
<b>Operating frequency</b>	50...60 Hz
<b>Power factor <math>\lambda</math></b>	> 0.40

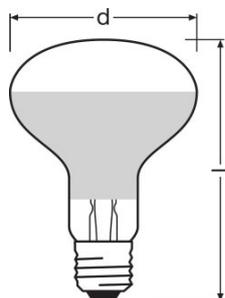
**Photometrical data**

<b>Nominal luminous flux</b>	360 lm
<b>Rated luminous flux</b>	360 lm
<b>Rated color temperature</b>	2700 K
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Light color (designation)</b>	Warm White
<b>Color temperature</b>	2700 K
<b>Luminous flux</b>	360 lm
<b>Color rendering index Ra</b>	$\geq 80$
<b>Standard deviation of color matching</b>	$\leq 6$ sdc <sub>m</sub>
<b>Color rendering index Ra</b>	$\geq 80$
<b>Nominal useful luminous flux 90°</b>	360 lm
<b>Rated useful luminous flux 90°</b>	360 lm

**Light technical data**

<b>Beam angle</b>	60 °
<b>Warm-up time (60 %)</b>	< 0.50 s
<b>Starting time</b>	< 0.5 s
<b>Nominal beam angle</b>	60 °
<b>Rated beam angle (half peak value)</b>	60.00 °

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>	48 °C
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Lifespan

<b>Nominal lamp life time</b>	15000 h
<b>Rated lamp life time</b>	15000 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>Design / version</b>	Clear
<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>	No
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Certificates & standards

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<b>Energy efficiency class</b>	A+
<b>Energy consumption</b>	4 kWh/1000h

## Country-specific categorizations

<b>ILCOS</b>	DRRR-4/827-220-240-E27-80/30
<b>Order reference</b>	LEDPR8032 4W/82

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075808652	Folding carton box 1	82 mm x 82 mm x 114 mm	60.00 g	0.77 dm <sup>3</sup>
4058075810082	Shipping carton box 10	422 mm x 175 mm x 132 mm	832.00 g	9.75 dm <sup>3</sup>

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](http://www.ledvance.com/ledlamps)

For Guarantee see

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

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