

# PRODUCT DATASHEET

## RF R80 48 60° 7 W/2700 E27

LED STAR 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



## TECHNICAL DATA

### Electrical data

Rated wattage	7.00 W
Nominal wattage	7.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	48 W
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.50

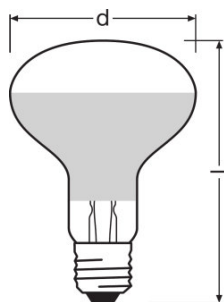
### Photometrical data

Luminous intensity [PIM]	270 cd
Nominal luminous flux	620 lm
Rated luminous flux	620 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	620 lm
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Color rendering index Ra	$\geq 80$
Nominal useful luminous flux 90°	620 lm
Rated useful luminous flux 90°	620 lm

### Light technical data

Beam angle	60 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	60 °
Rated beam angle (half peak value)	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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Energy efficiency class	A+
Energy efficiency class	A+
Energy consumption	7 kWh/1000h

## Country-specific categorizations

ILCOS	DRRR-7/827-220-240-E27-80/40
Order reference	LEDSR8048 7W/82

## LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899972414	RF R80 48 60° 7 W/2700 E27	Shipping carton box 6	500 mm x 154 mm x 201 mm	15.48 dm <sup>3</sup>	675.00 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 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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