

# PRODUCT DATASHEET

## ST R50 19 60° 2.8 W/827 E14

LED STAR R50 | LED reflector lamps R50 with retrofit screw base



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### AREAS OF APPLICATION

- Display cabinets and shop windows
- Museums, art galleries
- Exhibition rooms
- 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

<b>Rated wattage</b>	2.80 W
<b>Nominal wattage</b>	2.80 W
<b>Nominal voltage</b>	220...240 V
<b>Claimed equiv. conventional lamp power</b>	19 W
<b>Operating frequency</b>	50...60 Hz
<b>Power factor <math>\lambda</math></b>	> 0.40

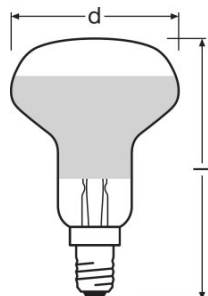
Photometrical data

<b>Nominal luminous flux</b>	180 lm
<b>Rated luminous flux</b>	180 lm
<b>Rated color temperature</b>	2700 K
<b>Color rendering index Ra</b>	$\geq 80$
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Light color (designation)</b>	Warm White
<b>Standard deviation of color matching</b>	$\leq 6$ sdc <sub>m</sub>
<b>Nominal useful luminous flux 90°</b>	180 lm
<b>Rated useful luminous flux 90°</b>	180 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>	85.0 mm
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<b>Diameter</b>	50.0 mm
<b>Outer bulb</b>	T50
<b>Length</b>	85.0 mm
<b>Maximum diameter</b>	50.0 mm

### 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>	E14
<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

<b>Energy efficiency class</b>	A+
<b>Energy consumption</b>	3 kWh/1000h

### Country specific categorizations

<b>ILCOS</b>	DRRR-2,8-220/240-E14-50/19
<b>Order reference</b>	LEDSR5019 2,8W/

### LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075055414	ST R50 19 60° 2.8 W/827 E14	Shipping carton box 10	270 mm x 114 mm x 102 mm	3.14 dm <sup>3</sup>	437.00 g
4058075813557	ST R50 19 60° 2.8 W/827 E14	Shipping carton box 6	319 mm x 154 mm x 134 mm	6.58 dm <sup>3</sup>	362.00 g
4058075817579	ST R50 19 60° 2.8 W/827 E14	Shipping carton box 20	266 mm x 182 mm x 102 mm	4.94 dm <sup>3</sup>	663.00 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.

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#### 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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