

# PRODUCT DATASHEET

## ST R50 25 36° 1.5 W/2700K 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

Rated wattage	1.50 W
Nominal wattage	1.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Max. lamp no. on circuit break. 10 A (B)	300
Max. lamp no. on circuit break. 16 A (B)	400
Operating frequency	50...60 Hz
Power factor $\lambda$	0.53

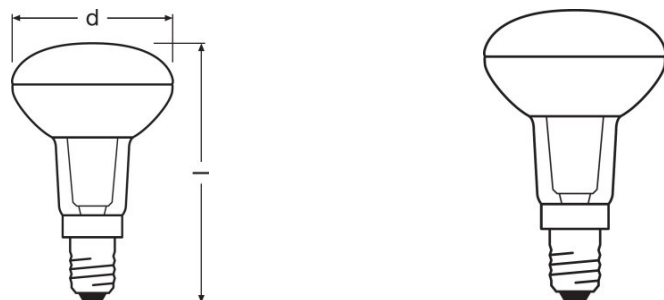
### Photometrical data

Nominal luminous flux	110 lm
Rated luminous flux	110 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	110 lm
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Rated color temperature	2700 K
Color rendering index Ra	$\geq 80$
Nominal useful luminous flux 90°	110 lm
Rated useful luminous flux 90°	110 lm
Rated peak intensity	300 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>	85.0 mm
<b>Diameter</b>	50.0 mm
<b>Outer bulb</b>	T50
<b>Length</b>	85.0 mm
<b>Maximum diameter</b>	50.0 mm

### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+40 °C
<b>Maximum temperature at tc test point</b>	58 °C

### 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>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>	2 kWh/1000h

## Country-specific categorizations

<b>Order reference</b>	LEDSR5025 1,5W/
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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075096806	Blister 1	55 mm x 140 mm x 120 mm	75.00 g	0.92 dm <sup>3</sup>
4058075096813	Shipping carton box 6	342 mm x 154 mm x 134 mm	586.00 g	7.06 dm <sup>3</sup>
4058075096820	Folding carton box 2	57 mm x 87 mm x 91 mm	143.00 g	0.45 dm <sup>3</sup>
4058075096837	Shipping carton box 20	298 mm x 242 mm x 105 mm	1676.00 g	7.57 dm <sup>3</sup>
4058075125902	Folding carton box 1	51 mm x 51 mm x 130 mm	75.00 g	0.34 dm <sup>3</sup>
4058075125919	Shipping carton box 10	276 mm x 115 mm x 106 mm	857.00 g	3.36 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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