PRODUCT DATASHEET
ST R50 25 36° 1.6 W/2700 K E14

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



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

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

PRODUCT FEATURES

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

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TECHNICAL DATA

Electrical data

Rated wattage	1.60 W
Nominal wattage	1.60 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	25 W
Operating frequency	50…60 Hz
Power factor λ	> 0.50

Photometrical data

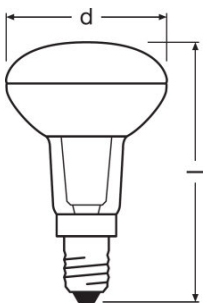
Nominal luminous flux	110 lm
Rated luminous flux	110 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	110 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	110 lm
Rated useful luminous flux 90°	110 lm
Rated peak intensity	390 cd

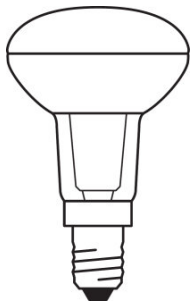
Light technical data

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 °

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Dimensions & weight





Overall length	85.0 mm
Diameter	53.5 mm
Outer bulb	T50
Length	85.0 mm
Maximum diameter	54.0 mm

Temperatures & operating conditions

Maximum temperature at tc test point	55 °C

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	Yes
Product remark	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

Dimmable	No

Certificates & standards

Energy efficiency class	A++

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Energy efficiency class	A++
Energy consumption	2 kWh/1000h

Country-specific categorizations

Order reference	LEDSR5025 1,6W/

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075096806	ST R50 25 36° 1.6 W/2700 K E14	Shipping carton box 6	319 mm x 154 mm x 134 mm	6.58 dm^3	658.00 g
4058075096820	ST R50 25 36° 1.6 W/2700 K E14	Shipping carton box 20	266 mm x 182 mm x 102 mm	4.94 dm^3	1736.00 g
4058075125902	ST R50 25 36° 1.6 W/2700 K E14	Shipping carton box 10	275 mm x 114 mm x 97 mm	3.04 dm^3	939.00 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

For Guarantee see
- www.ledvance.com/guarantee

DISCLAIMER

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