PRODUCT DATASHEET
ST R39 12 90° 1.6 W/2700 K E14

LED STAR R39 | LED reflector lamps



AREAS OF APPLICATION

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

- Mercury-free lamps



© 2018, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

Rated wattage	1.60 W
Nominal wattage	1.60 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	12 W
Max. lamp no. on circuit break. 10 A (B)	100
Max. lamp no. on circuit break. 16 A (B)	160
Operating frequency	50…60 Hz
Power factor λ	> 0.40

Photometrical data

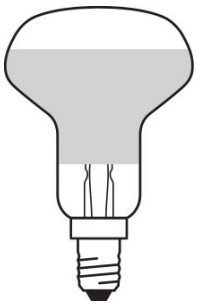
Nominal luminous flux	110 lm
Rated luminous flux	110 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	110 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	250 lm
Rated useful luminous flux 90°	250 lm

Light technical data

Beam angle	90.00 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	90.00 °
Rated beam angle (half peak value)	90.00 °

© 2018, LEDVANCE GmbH. All rights reserved.

Dimensions & weight



Overall length	76.0 mm
Diameter	39.0 mm
Outer bulb	R39
Length	76.0 mm
Maximum diameter	39.0 mm

Temperatures & operating conditions

Maximum temperature at tc test point	60 °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++

© 2018, LEDVANCE GmbH. All rights reserved.

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

Country-specific categorizations

Order reference	LEDSR3912 1,6W/

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075105515	ST R39 12 90° 1.6 W/2700 K E14	Shipping carton box 6	261 mm x 153 mm x 136 mm	5.43 dm^3	302.00 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.osram-lamps.com/led-lamps

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

© 2018, LEDVANCE GmbH. All rights reserved.