

PRODUCT DATASHEET

ST R50 40 36° 2.6 W/2700K 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



TECHNICAL DATA

Electrical data

Rated wattage	2.60 W
Nominal wattage	2.60 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 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 λ	0.53

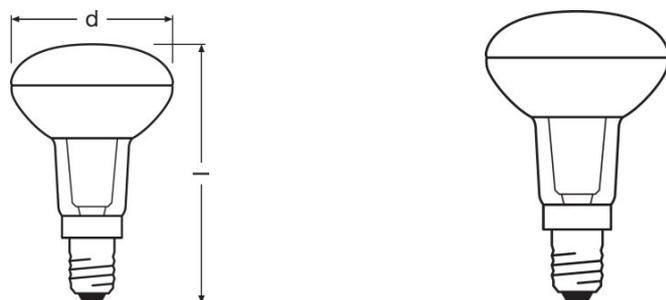
Photometrical data

Nominal luminous flux	210 lm
Rated luminous flux	210 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	210 lm
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 6 sdc _m
Rated color temperature	2700 K
Color rendering index Ra	≥ 80
Nominal useful luminous flux 90°	210 lm
Rated useful luminous flux 90°	210 lm
Rated peak intensity	450 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



Overall length	85.0 mm
Diameter	50.0 mm
Outer bulb	T50
Length	85.0 mm
Maximum diameter	50.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	70 °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
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Certificates & standards

Energy efficiency class	A++
Energy consumption	3 kWh/1000h

Country-specific categorizations

Order reference	LEDSR5040 2,6W/
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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075096868	Blister 1	55 mm x 140 mm x 120 mm	75.00 g	0.92 dm ³
4058075096875	Shipping carton box 6	342 mm x 154 mm x 134 mm	586.00 g	7.06 dm ³
4058075096882	Folding carton box 2	57 mm x 87 mm x 91 mm	143.00 g	0.45 dm ³
4058075096899	Shipping carton box 20	298 mm x 242 mm x 105 mm	1676.00 g	7.57 dm ³
4058075451780	Shipping carton box 10	276 mm x 115 mm x 106 mm	821.00 g	3.36 dm ³
4058075125926	Folding carton box 1	51 mm x 51 mm x 130 mm	75.00 g	0.34 dm ³
4058075125933	Shipping carton box 10	276 mm x 115 mm x 106 mm	857.00 g	3.36 dm ³

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

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