

PRODUCT DATASHEET

ST R80 46 35° 7 W/2700 K E27

LED SUPERSTAR R80 | Dimmable LED reflector lamps R80 with retrofit screw base



AREAS OF APPLICATION

- Display cabinets and shop windows
- Museums, art galleries
- Hospitality
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Very long lifetime of up to 25,000 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
- Good color rendering index $R_a: \geq 80$
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Rated wattage	7.00 W
Nominal wattage	7.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	46 W
Operating frequency	50...60 Hz
Power factor λ	> 0.70

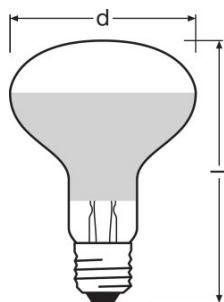
Photometrical data

Nominal luminous flux	580 lm
Rated luminous flux	580 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	580 lm
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 6 sdc _m
Color rendering index Ra	≥ 80
Nominal useful luminous flux 90°	580 lm
Rated useful luminous flux 90°	580 lm

Light technical data

Beam angle	35 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	35 °
Rated beam angle (half peak value)	35.00 °

Dimensions & weight



Overall length	115.0 mm
Diameter	80.0 mm
Outer bulb	R80
Length	115.0 mm
Maximum diameter	80.0 mm

Temperatures & operating conditions

Maximum temperature at tc test point	65 °C
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Lifespan

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

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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	Yes
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Certificates & standards

Energy efficiency class	A+
Energy efficiency class	A+
Energy consumption	7 kWh/1000h

Country-specific categorizations

ILCOS	DRRR-7/827-220-240-E27-80/60
Order reference	LEDSR8046D 7W/8

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075809161	ST R80 46 35° 7 W/2700 K E27	Shipping carton box 6	500 mm x 154 mm x 201 mm	15.48 dm ³	675.00 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 dimming conformity see

▶ www.ledvance.com/dim

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.