

# PRODUCT FAMILY DATASHEET

## LED STAR R80

LED reflector lamps R80 with retrofit screw base



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### 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

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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



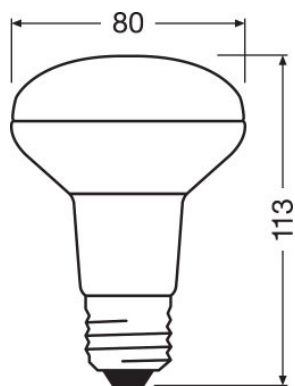
TECHNICAL DATA

Product description	Electrical data					Photometrical data			
	Nominal wattage	Nominal voltage	Claimed equiv. conventional lamp power	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Nominal luminous flux	Rated luminous flux	Lumen main.fact.at end of nom.life time	Light color (designation)
ST R80 60 36° 4.3 W/2700K E27 <sup>1)</sup>	4.30 W	220...240 V	60 W	300	400	345 lm	345 lm	0.70	Warm White
ST R80 100 36° 9.1 W/2700K E27 <sup>1)</sup>	9.10 W	220...240 V	100 W	60	100	670 lm	670 lm	0.70	Warm White

Product description	Color temperature	Luminous flux	Color rendering index Ra	Light technical data	Dimensions & weight		Temperatures & operating conditions	Lifespan	
				Warm-up time (60 %)	Overall length	Diameter	Ambient temperature range	Nominal lamp life time	Number of switching cycles
ST R80 60 36° 4.3 W/2700K E27 <sup>1)</sup>	2700 K	345 lm	≥80	< 0.50 s	113.0 mm	80.0 mm	-20...+40 °C	15000 h	100000
ST R80 100 36° 9.1 W/2700K E27 <sup>1)</sup>	2700 K	670 lm	≥80	< 0.50 s	113.0 mm	80.0 mm	-20...+40 °C	15000 h	100000

Product description	Additional product data		Capabilities	Certificates & standards	
	Base (standard designation)	Mercury-free	Dimmable	Energy efficiency class	Energy consumption
ST R80 60 36° 4.3 W/2700K E27 <sup>1)</sup>	E27	Yes	No	A+	5 kWh/1000h
ST R80 100 36° 9.1 W/2700K E27 <sup>1)</sup>	E27	Yes	No	A+	10 kWh/1000h

<sup>1)</sup> 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



ST R80 60 36° 4.3 W/2700K E27, ST  
R80 100 36° 9.1 W/2700K E27

#### APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097131	Shipping carton box 6	500 mm x 154 mm x 201 mm	1361.00 g	15.48 dm <sup>3</sup>
4058075097216	Shipping carton box 6	500 mm x 154 mm x 201 mm	1667.00 g	15.48 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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