

# PRODUCT DATASHEET

## SST PLUS SPOT R80 60 36 ° 4.8 W/2700 K E27

LED R80 S | Dimmable LED reflector lamps R80 with screw base, natural daylight



### Areas of application

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of CRI > 90
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Low maintenance costs thanks to long lifetime
- Lower energy consumption than incandescent or halogen lamps

### Product features

- LED alternative to conventional low voltage lamps
- Dimmable
- Base: E27
- Color rendering index  $R_a: \geq 90$



– Lamp made of glass

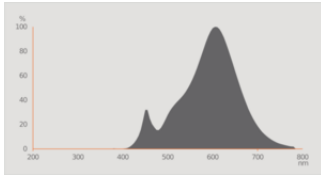
## TECHNICAL DATA

### Electrical data

Nominal wattage	4.8 W
Construction wattage	4.80 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	27 mA
Type of current	AC
Inrush current	0.9 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	202
Max. lamp number on MCB B16 A	324
Power factor $\lambda$	$\geq 0.70$

### Photometrical data

Luminous intensity	607 cd
Luminous flux	345 lm
Nominal useful luminous flux 90°	345 lm
Luminous efficacy	71 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	$\geq 90$
Light color	927
Standard deviation of color matching	$\leq 6$ sdcn
Rated peak intensity	607 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9



Everlight 67-23ST HKE 2700K

**Light technical data**

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

**Dimensions & Weight**

Overall length	113.00 mm
Diameter	80.00 mm
Maximum diameter	80 mm
Product weight	136.00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	96 °C

**Lifespan**

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

**Additional product data**

Base (standard designation)	E27
Mercury content	0.0 mg
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	G <sup>1)</sup>
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

### Country-specific categorizations

Order reference	LEDCR80D6036 4,
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### Energy labelling regulation data acc EU 2019/2015


Lighting technology used	LED
Non-directional or directional	DLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E27
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Networked standby power for CLS	0 W
Claim of equivalent power	Yes
Length	113.00 mm
Height	80.00 mm
Width	80.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.400
R9 Colour rendering index	0.00
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.90
Displacement factor	0.72


LED light source replaces a fluorescent light source	No
EPREL ID	642831
Model number	AC35796

### Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

### DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	R63 R80 E27

Photometric and lighting design files		Document name
	Spectral power distribution	Everlight 67-23ST HKE 2700K

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075759725	Folding box 1	82 mm x 82 mm x 118 mm	154.00 g	0.79 dm <sup>3</sup>
4058075759732	Shipping box 10	449 mm x 188 mm x 146 mm	1857.00 g	12.32 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 dimming conformity see [www.ledvance.com/dim](http://www.ledvance.com/dim)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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