

# PRODUCT DATASHEET LED R80 60 36° DIM P 5.9W 927 E27

PARATHOM® DIM R80 | Dimmable LED reflector lamps R80 with retrofit screw base



#### Areas of application

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

#### Product benefits

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming
- Very high dimmer compatibility, see also www.ledvance.com/dim
- Instant 100 % light, no warm-up time

#### Product features

- LED alternative to high voltage halogen lamps
- High color consistency:  $\leq 5$  sdcm
- Dimmable
- Base: E27
- Lamp made of glass
- Very high color rendering CRI > 90





- Lifetime up to 25,000 h

## TECHNICAL DATA

## Electrical data

Nominal wattage	5.9 W	
Construction wattage	5.90 W	
Nominal voltage	220240 V	
Claimed equiv. conventional lamp power	60 W	
Nominal current	32 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	162	
Max. lamp number on MCB B16 A	259	
Power factor λ	0.70	

#### Photometrical data

Luminous intensity	607 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	59 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	≥90
Light color	927
Standard deviation of color matching	≤5 sdcm
Rated peak intensity	607 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	0.2
Stroboscope effect metric (SVM)	0.4

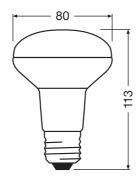


Everlight 67-23ST HKE 2700K

# 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	178.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	88 °C

## Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000

PRODUCT DATASHEE
0.70
≥ 0.90
E27
0.0 mg
Yes
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
Yes
G <sup>1)</sup>
6.00 kWh/1000h
IP20
CE / EAC
RG1
vest efficiency)
LEDPR8060D 5,9W
LED

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

Claim of equivalent power	Yes
Length	113.00 mm
Height	80.00 mm
Width	80.00 mm
Chromaticity coordinate x	0.455
Chromaticity coordinate y	0.405
R9 Colour rendering index	1
Beam angle correspondence	NARROW_CONE_90
Displacement factor	1.04
LED light source replaces a fluorescent light source	No
EPREL ID	523035
Model number	AC32668

#### DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	Declarations of conformity	R39 R50 R63 R80 LED lamp	

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
4058075609457	Folding box 1	82 mm x 82 mm x 118 mm	196.00 g	0.79 dm <sup>3</sup>
4058075609464	Shipping box 10	449 mm x 188 mm x 146 mm	2277.00 g	12.32 dm³

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.