PRODUCT DATASHEET
LED R63 40 36° V 2.9W 827 E27

LED R63 V | LED reflector lamps R63 with retrofit screw base



VALUE CLASS

Areas of application

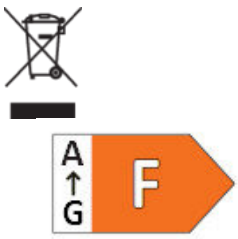
- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Lower energy consumption than incandescent or halogen lamps

Product features

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: E27
- Lamp made of glass
- Good quality of light; color rendering index CRI ≥ 80
- Lifetime up to 15,000 h



TECHNICAL DATA

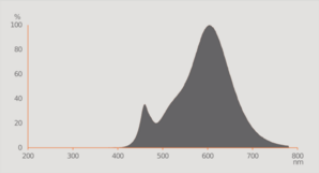
Electrical data

Nominal wattage	2.9 W
Construction wattage	2.90 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	24 mA
Type of current	AC
Inrush current	4.48 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	124
Max. lamp number on MCB B16 A	149
Maximum total harmonic distortion	≤ 150 %
Power factor λ	≥ 0.50

Photometrical data

Luminous intensity	430 cd
Luminous flux	210 lm
Nominal useful luminous flux 90°	210 lm
Luminous efficacy	72 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	430 cd
Flickering metric (Pst LM)	1,0
Stroboscope effect metric (SVM)	0,4

© 2026, LEDVANCE GmbH. All rights reserved.



Everlight 67-23ST KKE 2700K

Light technical data

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

Dimensions & Weight



Overall length	98.00 mm
Diameter	63.00 mm
Maximum diameter	63 mm
Product weight	76.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	85 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.96

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg

© 2026, LEDVANCE GmbH. All rights reserved.

Mercury-free	Yes
Design / version	Spot
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

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	LED R634036 2.9

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

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
Claim of equivalent power	Yes
Length	98.00 mm

© 2026, LEDVANCE GmbH. All rights reserved.

Height	63.00 mm
Width	63.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.9
Displacement factor	0.9
LED light source replaces a fluorescent light source	No
EPREL ID	1368213,2363509
Model number	AC45621,AC45621,AC83982,AC83982

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
PDF	Declarations of conformity	R63 R80 E27
PDF	Declarations of conformity	LED spot lamp R63 R80
PDF	Declarations of conformity UKCA	LED spot lamp R63 R80

	Photometric and lighting design files	Document name
IES	IES file (IES)	LED R634036 2.9W 827 E27 V LEDV
LDT	LDT file (Eulumdat)	LED R634036 2.9W 827 E27 V LEDV
	UGR file (UGR table)	LED R634036 2.9W 827 E27 V LEDV
	Light distribution curve type polar	LED R634036 2.9W 827 E27 V LEDV
	Spectral power distribution	Everlight 67-23ST KKE 2700K

© 2026, LEDVANCE GmbH. All rights reserved.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854048012	Folding box 1	65 mm x 65 mm x 107 mm	93.00 g	0.45 dm^3
4099854048029	Shipping box 10	357 mm x 147 mm x 125 mm	1120.00 g	6.56 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.

© 2026, LEDVANCE GmbH. All rights reserved.