

# PRODUCT DATASHEET LED R63 40 36° P 2.6W 827 E27

PARATHOM® R63 | LED reflector lamps R63 with retrofit screw base



#### 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  $\geq 80$
- Lifetime up to 15,000 h





# TECHNICAL DATA

# Electrical data

Nominal wattage	2.6 W
Construction wattage	2.60 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	20 mA
Type of current	AC
Inrush current	9.6 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	213
Max. lamp number on MCB B16 A	341
Power factor $\lambda$	0.40

# Photometrical data

Luminous intensity	398 cd
Luminous flux	210 lm
Nominal useful luminous flux 90°	210 lm
Luminous efficacy	80 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	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	398 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	0.1
Stroboscope effect metric (SVM)	0.1

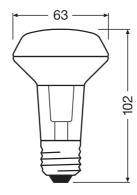


Everlight 67-23ST KKE 2700K

# Light technical data

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

# Dimensions & Weight



Overall length	102.00 mm
Diameter	63.00 mm
Maximum diameter	63 mm
Product weight	102.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	83 °C

# Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000

	PRODUCT DATASHEE	
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	
Mercury-free	Yes	
Product remark	All technical parameters apply to the entire lamp / Due to the control production process for light-emitting diodes, the typical values for the technical LED parameters are purely statistical values the not necessarily match the actual technical parameters of each individual product, which can vary from the typical value	
Capabilities		
Capabilities  Dimmable		
Dimmable	individual product, which can vary from the typical value	
Dimmable Certificates & Standards	individual product, which can vary from the typical value	
Dimmable  Certificates & Standards  Energy efficiency class	individual product, which can vary from the typical value  No	
Dimmable	No  F 1)	
Certificates & Standards  Energy efficiency class  Energy consumption	No  F 1)  3.00 kWh/1000h	

# country-specific categorizations

Order reference

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	

LEDPR6340 2,6W/

Claim of equivalent power	Yes
Length	102.00 mm
Height	63.00 mm
Width	63.00 mm
Chromaticity coordinate x	0.455
Chromaticity coordinate y	0.405
R9 Colour rendering index	1
Beam angle correspondence	NARROW_CONE_90
Survival factor	0,9
Displacement factor	0.50
LED light source replaces a fluorescent light source	No
EPREL ID	522936
Model number	AC32666

# 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
POF	Declarations of conformity	R39 R50 R63 R80 LED lamp
	Photometric and lighting design files	Document name
	Spectral power distribution	Everlight 67-23ST KKE 2700K

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075607910	Folding box 1	65 mm x 65 mm x 107 mm	119.00 g	0.45 dm <sup>3</sup>
4058075607927	Shipping box 10	357 mm x 147 mm x 125 mm	1323.00 g	6.56 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
- 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.