

PRODUCT DATASHEET ST R63 60 36 ° 4.3 W/2700 K E27

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



Areas of application

- Display cabinets and shop windows
- Museums, art galleries
- Hospitality
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Long lifetime of up to 15,000 h
- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of halogen lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- Professional LED alternative to halogen lamps
- Mercury-free lamps





TECHNICAL DATA

Electrical data

Nominal wattage	4.3 W
Construction wattage	4.30 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	34.5 mA
Type of current	AC
Inrush current	9.5 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	300
Max. lamp number on MCB B16 A	400
Power factor λ	> 0.50

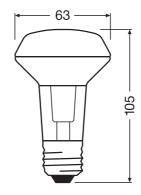
Photometrical data

Luminous intensity	582 cd
Luminous flux	345 lm
Nominal useful luminous flux 90°	345 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	582 cd
Rated LLMF at 6,000 h	0.80

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
Ī	Maximum temperature at tc test point	81 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 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	
Mercury-free	Yes	
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	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / CB
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	LEDSR6360 4,3W/		
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		
Envelope	No		
Correlated colour temperature type	SINGLE_VALUE		
Length	102.00 mm		
Height	63.00 mm		
Width	63.00 mm		
Beam angle correspondence	NARROW_CONE_90		
EPREL ID	1402947,1403198		
Model number	AC16749,AC24580		

Safety advice

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097025	Blister 1	65 mm x 140 mm x 120 mm	117.00 g	1.09 dm ³
4058075097032	Shipping box	410 mm x 154 mm x 134 mm	876.00 g	8.46 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.