

PRODUCT DATASHEET LED VALUE R

LED VALUE R LAMP | LED reflector lamps R63 and R80 with retrofit E27 screw base



Areas of application

- General lighting in residential spaces (living rooms, bedrooms, hallways)
- Accent lighting in retail and hospitality environments
- Suitable for use in open and enclosed fixtures
- Ideal for downlights, track lighting, and decorative luminaires

Product benefits

- Energy-efficient replacement for traditional halogen reflector lamps
- Long service life reduces maintenance and replacement costs
- Instant full brightness with no warm-up time
- Low heat emission enhances safety and comfort
- Environmentally friendly with no mercury content

Product features

- Retrofit design with standard E27 screw base
- Available in R63 (4.8W) and R80 (8.5W) reflector formats
- Warm white light (2700K) for cosy and inviting ambience
- 36° beam angle for focused, directional lighting
- High luminous efficacy and consistent color rendering



TECHNICAL DATA

Electrical data

Nominal wattage	8.5 W
Construction wattage	8.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	65 mA
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	≥ 0.50

Photometrical data

Luminous intensity	1000 cd
Luminous flux	670 lm
Nominal useful luminous flux 90°	670 lm
Luminous efficacy	78 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 sdcn
Rated peak intensity	1000 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	113.00 mm
Diameter	80.00 mm
Maximum diameter	80 mm
Product weight	112.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

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

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LEDVR80100 8,5W
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Length	113.00 mm
Height	80.00 mm
Width	80.00 mm
EPREL ID	522938,1368216
Model number	AC32671,AC45624

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075797024	Folding box 1	82 mm x 82 mm x 118 mm	240.00 g	0.79 dm ³
4099854368042	Shipping box 10	416 mm x 170 mm x 135 mm	1481.00 g	9.55 dm ³
4058075797031	Shipping box 10	449 mm x 188 mm x 146 mm	2718.00 g	12.32 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.