

PRODUCT DATASHEET

118.00 mm 125 15 W/2700 K R7s

LED LINE R7S | LED lamps with retrofit base R7s



Areas of application

- General illumination within ambient temperatures from -20...+40 °C
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Fits into most R7s luminaires thanks to excentric base
- Good all-around light emission
- Lower thermal output (compared with the standard reference product)
- Long lifetime of up to 15,000 h
- Three year guarantee

Product features

- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

Nominal wattage	15 W
Construction wattage	15.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	125 W
Nominal current	125 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	2000 lm
Nominal useful luminous flux 90°	2000 lm
Luminous efficacy	133 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 sdc _m
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

Dimensions & Weight

Overall length	118.00 mm
Diameter	29.00 mm
Maximum diameter	29 mm
Product weight	92.00 g



Temperatures & operating conditions

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

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	R7s
Mercury content	0.0 mg

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	E 1)
Energy consumption	15.00 kWh/1000h
Type of protection	IP20
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LEDVLI118125 15
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	R7s
Correlated colour temperature type	SINGLE_VALUE
Length	118.00 mm
Height	29.00 mm
Width	29.00 mm
EPREL ID	1402934
Model number	AC11923

Safety advice

- To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075552173	Folding box 1	30 mm x 39 mm x 121 mm	103.00 g	0.14 dm ³
4058075552180	Shipping box 10	158 mm x 86 mm x 133 mm	1078.00 g	1.81 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 Guarantee see www.osram-lamps.com/guarantee
- For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps

DISCLAIMER

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