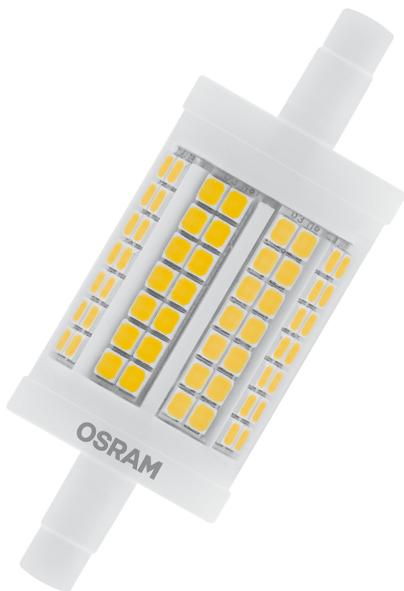


## PRODUCT DATASHEET

# ST LINE R7s 78.00 mm 100 11.5 W/2700 K R7s

LED STAR LINE R7s | Double-ended special LED lamps



### Areas of application

- Hospitality
- Domestic applications
- Outdoor applications only in suitable luminaires

### Product benefits

- Long lifetime of up to 15,000 h
- Low energy consumption
- Three year guarantee
- Good all-around light emission
- Fits into most R7s luminaires thanks to excentric base

### Product features

- LED alternative to conventional R7s lamps



## TECHNICAL DATA

### Electrical data

Nominal wattage	11.5 W
Construction wattage	11.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	80 mA
Type of current	AC
Inrush current	1.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	60
Max. lamp number on MCB B16 A	95
Total harmonic distortion	< 180 %
Power factor $\lambda$	0.50

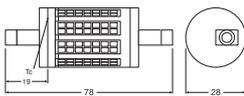
### Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	132 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 LLMF at 6,000 h	0.80

### Light technical data

Beam angle	360 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

### Dimensions & Weight



Overall length	78.00 mm
Diameter	28.00 mm
Maximum diameter	28 mm
Product weight	68.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	103 °C

### 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)	R7s
Mercury content	0.0 mg

### Capabilities

Dimmable	No
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### Certificates & Standards

Energy efficiency class	E <sup>1)</sup>
Energy consumption	12.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

### Country-specific categorizations

Order reference	LEDSL78 100 11
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## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	R7s
Length	78.00 mm
Height	28.00 mm
Width	28.00 mm
EPREL ID	1403268
Model number	AC24770

## 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
4058075138483	Blister 1	37 mm x 140 mm x 120 mm	80.00 g	0.62 dm <sup>3</sup>
4058075138490	Shipping box 9	345 mm x 153 mm x 136 mm	850.00 g	7.18 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 further products and actual information concerning LED lamps see [www.osram-lamps.com/led-lamps](http://www.osram-lamps.com/led-lamps)
- For Guarantee see [www.osram-lamps.com/guarantee](http://www.osram-lamps.com/guarantee)

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