PRODUCT DATASHEET
ST LINE 118.0 mm 100 12.5 W/2700K 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

Halogen | LED

TECHNICAL DATA

Electrical data

Rated wattage	12.50 W
Nominal wattage	12.50 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	43
Max. lamp no. on circuit break. 16 A (B)	69
Operating frequency	50/60 Hz
Power factor λ	0.50
Claimed equiv. conventional lamp power	100 W

Photometrical data

Nominal luminous flux	1521 lm
Rated luminous flux	1521 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	1521 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Rated color temperature	2700 K
Color rendering index Ra	≥80

Light technical data

Warm-up time (60 %)	< 0.50 s
Beam angle	300.00 °
Starting time	< 0.5 s

Dimensions & weight

Overall length	118.0 mm
Diameter	29.0 mm
Outer bulb	T29
Length	118.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	97 °C

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	R7s
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
Show WEEE picto	Yes

Capabilities

Dimmable	No

Certificates & standards

Energy efficiency class	A++
Energy consumption	13 kWh/1000h

Country-specific categorizations

ILCOS	DRDG-12,5/827-230-R7s-114,2
Order reference	LEDSLI118100 12

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

4008597194962	Folding carton box 1	30 mm x 30 mm x 122 mm	92.00 g	0.11 dm³
4008597494963	Shipping carton box 20	159 mm x 129 mm x 131 mm	1894.00 g	2.69 dm³
4008597594960	Shipping carton box 120	- x - x -		
4058075272095	Folding carton box 1	30 mm x 30 mm x 122 mm	64.00 g	0.11 dm³
4058075272101	Shipping carton box 10	169 mm x 72 mm x 131 mm	977.00 g	1.59 dm³
4058075272118	Shipping carton box 120	347 mm x 226 mm x 271 mm	11929.00 g	21.25 dm³
4058075811591	Blister 1	37 mm x 140 mm x 120 mm	71.00 g	0.62 dm³
4058075811607	Shipping carton box 9	345 mm x 153 mm x 136 mm	1086.00 g	7.18 dm³

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

For Guarantee see
▶ www.osram-lamps.com/guarantee

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