PRODUCT DATASHEET
P LINE 118.00 mm 100 12.5 W/2700 K R7s

PARATHOM® LINE R7s | Double-ended special LED lamps



Areas of application

- General illumination within ambient temperatures from -20...+40 °C
- Hospitality
- Domestic applications
- Outdoor applications only in suitable luminaires

Product benefits

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

Product features

- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity





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TECHNICAL DATA

Electrical data

Nominal wattage	12.5 W
Construction wattage	12.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	100 mA
Type of current	AC
Inrush current	7.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	43
Max. lamp no. on circuit break. 16 A (B)	69
Power factor λ	0.50

Photometrical data

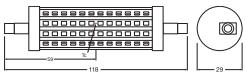
Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	121 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 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

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Overall length	118.00 mm
Diameter	29 mm
Maximum diameter	29 mm
Product weight	89.00 g

Temperatures & operating conditions

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

Lifespan

Nominal lamp life time	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
Mercury-free	Yes
Design / version	Clear

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	A++ [1)]
Energy consumption	13.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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

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Country-specific categorizations

ILCOS	DRDG-12,5/827-230-R7s-114,2
Order reference	LEDPLI118100 12

Energy labellling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	R7s
Length	118.00 mm
Height	29 mm
Width	29 mm

Safety advice

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

DOWNLOAD DATA

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PDF	PRODUCT DATASHEET P LINE 118.0 mm 100 12.5 W 2700K R7s DATASHEET

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075812116	Folding box 1	30 mm x 30 mm x 122 mm	94.00 g	0.11 dm^3
4058075812123	Shipping box 20	159 mm x 129 mm x 131 mm	1916.00 g	2.69 dm^3
4058075040151	Shipping box 120	269 mm x 169 mm x 411 mm	11802.00 g	18.68 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.

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