PRODUCT DATASHEET
P LINE 78.00 mm 60 7 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 use in suitable outdoor luminaires only

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	7 W
Construction wattage	7.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	60 mA
Type of current	AC
Inrush current	4.68 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	82
Max. lamp no. on circuit break. 16 A (B)	132
Power factor λ	0.50

Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	115 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

Dimensions & Weight

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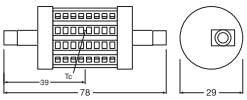

Overall length	78.00 mm
Diameter	29 mm
Maximum diameter	29 mm
Product weight	50.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	89 °C

Lifespan

Lifespan	15000 h [1)]
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

1) L70/B50

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	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

ILCOS	DRDG-7/827-230-R7s-114,2
Order reference	LEDPLI 78 60 7W

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	R7s
Length	78.00 mm
Height	29 mm
Width	29 mm
EPREL ID	1498585
Model number	AC19589

Safety advice

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

DOWNLOAD DATA

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075812192	Folding box 1	30 mm x 30 mm x 82 mm	53.00 g	0.07 dm^3
4058075812208	Shipping box 20	159 mm x 129 mm x 91 mm	1121.00 g	1.87 dm^3
4058075039926	Shipping box 120	269 mm x 169 mm x 291 mm	6785.00 g	13.23 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

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