PRODUCT DATASHEET
P DIM LINE 78.00 mm 75 8.5 W/2700 K R7s

PARATHOM® DIM LINE R7s | Dimmable 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
- Lower thermal output (compared with the standard reference product)
- Five year guarantee

Product features

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- 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	8.5 W
Construction wattage	8.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	75 W
Nominal current	38 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	131
Max. lamp no. on circuit break. 16 A (B)	210
Power factor λ	0.90

Photometrical data

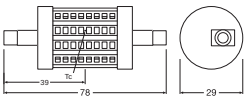
Luminous flux	1055 lm
Nominal useful luminous flux 90°	1055 lm
Luminous efficacy	124 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 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	78.00 mm
Diameter	29.00 mm
Maximum diameter	29 mm
Product weight	52.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	92 °C

Lifespan

Nominal lamp life time	25000 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	Yes

Certificates & Standards

Energy efficiency class	A++ 1)
Energy consumption	8.00 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-8/827-230-R7s-114,2
Order reference	LEDPLI 7875D 8,

Energy labellling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	R7s
Length	78.00 mm
Height	29.00 mm
Width	29.00 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

	DOWNLOAD DATA
PDF	PRODUCT DATASHEET P DIM LINE 78.0 mm 75 8.5 W 2700K R7s DATASHEET
PDF	Declarations of conformity R7S lamp AC11919

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075811874	Folding box 1	30 mm x 30 mm x 82 mm	55.00 g	0.07 dm^3
4058075811881	Shipping box 20	159 mm x 129 mm x 91 mm	1145.00 g	1.87 dm^3
4058075040144	Shipping box 120	269 mm x 169 mm x 291 mm	7025.00 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
- For dimming conformity see www.ledvance.com/dim

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DISCLAIMER

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