PRODUCT DATASHEET
P LINE R7s 78.00 mm 60 6.5 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 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

TECHNICAL DATA

Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	44 mA
Type of current	AC
Inrush current	1.18 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	181
Max. lamp no. on circuit break. 16 A (B)	284
Total harmonic distortion	110 %
Power factor λ	0.50

Photometrical data
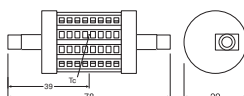
Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	124 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9

Light technical data

Beam angle	330 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	78.00 mm
Diameter	29.00 mm
Maximum diameter	29 mm
Product weight	35.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	95 °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
Design / version	Clear

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	E ¹⁾
Energy consumption	7.00 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 G (lowest efficiency)

Country-specific categorizations

Order reference	LEDPLI 78 60 6,

LOGISTICAL DATA

Temperature range at storage	-20...+80 °C

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	R7s
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.00
Claim of equivalent power	Yes

Length	78.00 mm
Height	29.00 mm
Width	29.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	522901
Model number	AC32094

Safety advice

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

DOWNLOAD DATA

	Documents and certificates
PDF	Declarations Of Conformity CE

	Photometric and lighting design files
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075653283	Folding box 1	30 mm x 30 mm x 82 mm	38.00 g	0.07 dm³
4058075653290	Shipping box 20	159 mm x 129 mm x 91 mm	805.00 g	1.87 dm³
4058075653306	Shipping box 120	269 mm x 169 mm x 291 mm	4985.00 g	13.23 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.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.