

PRODUCT DATASHEET LINE R7s 78.00 mm 75 9.5 W/2700 K R7s

LED LINE R7S DIM | Dimmable LED lamps with retrofit base R7s



Areas of application

- General illumination within ambient temperatures from -20...+40 °C
- Outdoor use in suitable outdoor luminaires only

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)
- Very long lifetime of up to 25,000 h
- Four year guarantee
- Lower energy consumption than incandescent or halogen lamps

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





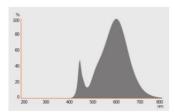
TECHNICAL DATA

Electrical data

Nominal wattage	9.5 W
Construction wattage	9.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	75 W
Nominal current	42 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	≥ 0.50

Photometrical data

Luminous flux	1055 lm
Nominal useful luminous flux 90°	1055 lm
Luminous efficacy	111 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)	0.4



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Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	78.00 mm
Diameter	28.00 mm
Maximum diameter	28 mm
Product weight	52.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
A Thiorit tomporator range	20190

Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	R7s
Mercury content	0.0 mg

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	E
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	СВ

Photobiological safety group acc. to EN62778	RG1		
Country-specific categorizations			
Order reference	LEDLI7875 9,5W/		
Energy labelling regulation data acc ELL2019/2015			
Energy labelling regulation data acc EU 2019/2015 Lighting technology used LED			
Non-directional or directional	NDLS		
Mains or non-mains	MLS		
	R7s		
Light source cap-type (or other electric interface)			
Connected light source (CLS)	No 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	28.00 mm		
Width	28.00 mm		
Chromaticity coordinate x	0.458		
Chromaticity coordinate y	0.410		
R9 Colour rendering index	0.00		
Beam angle correspondence	SPHERE_360		
Survival factor	0.90		
Displacement factor	0.70		
LED light source replaces a fluorescent light source	No		
EPREL ID	522899		
Model number	AC32130		

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.
- 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	Document name	
PDF	Declarations of conformity	LED SLIM LINE 78 60 NON-DIM	
	Photometric and lighting design files	Document name	
	Spectral power distribution	349927_2700K_EvI_5630.eps	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075711105	Folding box 1	39 mm x 29 mm x 82 mm	63.00 g	0.09 dm ³
4058075711112	Shipping box 10	153 mm x 86 mm x 96 mm	719.00 g	1.26 dm ³
4058075711129	Shipping box 80	316 mm x 182 mm x 206 mm	6173.00 g	11.85 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 Guarantee see www.osram-lamps.com/guarantee
- For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps

DISCLAIMER

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