

# PRODUCT DATASHEET LED Slim Line 78 75 300° 9.5W 827 Clear R7s

LED SLIM LINE R7S | Slim 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

- Particularly compact dimensions
- Lower thermal output (compared with the standard reference product)
- Long lifetime of up to 15,000 h
- Three year guarantee
- Lower energy consumption than incandescent or halogen lamps

#### **Product features**

- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index  $R_{a}\!\!:$   $\geq$  80; constant chromaticity





## TECHNICAL DATA

## Electrical data

Nominal wattage	9.5 W
Construction wattage	9.50 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	71 mA
Type of current	AC
Inrush current	5.88 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	37
Max. lamp number on MCB B16 A	44
Total harmonic distortion	126 %
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	1055 lm
Luminous efficacy	111 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



EPREL data spectral diagram PROF LEDr 2700K

# 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	20.00 mm
Maximum diameter	20 mm
Product weight	25.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	86 °C

# Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

## Additional product data

Base (standard designation)	R7s
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

# Capabilities

Dimmable	No	
Certificates & Standards		
Energy efficiency class	E 1)	
Energy consumption	10.00 kWh/1000h	

Type of protection IP20

Standards CE / EAC / UKCA

Photobiological safety group acc. to EN62778 RG1

## Country-specific categorizations

Order reference

LOGISTICAL DATA	
Temperature range at storage	-20+80 °C

LESLIM7875 9,5W

## 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 W
Claim of equivalent power	Yes
Length	78.00 mm
Height	20.00 mm
Width	20.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Displacement factor	0.70
LED light source replaces a fluorescent light source	No
EPREL ID	2201954,2506955
Model number	AC71614,AC92029

# 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 special lamps
PDF	Declarations of conformity UKCA	LED special lamps
	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854503610	Folding box	30 mm x 49 mm x 130 mm	49.00 g	0.19 dm <sup>3</sup>
4099854503627	Shipping box	112 mm x 111 mm x 106 mm	340.00 g	1.32 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 Guarantee see www.ledvance.com/guarantee

## **DISCLAIMER**

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