

## PRODUCT DATASHEET

# SLIM LINE R7s 78.00 mm 60 7 W/2700 K 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



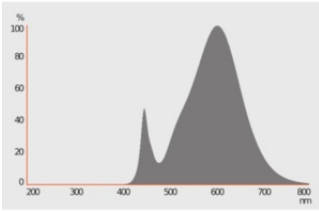
## TECHNICAL DATA

### Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	47 mA
Type of current	AC
Inrush current	3.4 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	141
Max. lamp number on MCB B16 A	178
Total harmonic distortion	< 150 %
Power factor $\lambda$	$\geq 0.50$

### 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	$\geq 80$
Light color	827
Standard deviation of color matching	$\leq 6$ sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

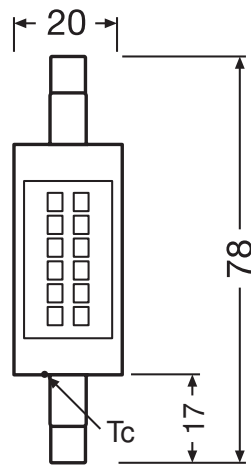


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### Light technical data

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

### Dimensions & Weight



Overall length	78.00 mm
Diameter	20.00 mm
Maximum diameter	20 mm
Product weight	20.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	76 °C

### Lifespan

Lifespan L70/B50 at 25 °C	15000 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
Design / version	Clear

### Capabilities

Dimmable	No
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### Certificates & Standards

Energy efficiency class	E
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

### Country-specific categorizations

Order reference	RLTSK60 SLIM 7W
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### LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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### 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
Networked standby power for CLS	0.0
Claim of equivalent power	Yes
Length	78.00 mm
Height	20.00 mm
Width	20.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	No
EPREL ID	522893

### 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
 Declarations of conformity	LED SLIM LINE 78 60 NON-DIM

Photometric and lighting design files	Document name
 Spectral power distribution	349927_2700K_Evl_5630.eps

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008597198199	Folding box 1	30 mm x 30 mm x 82 mm	23.00 g	0.07 dm <sup>3</sup>
4008597498190	Shipping box 20	159 mm x 129 mm x 91 mm	505.00 g	1.87 dm <sup>3</sup>
4008597598197	Shipping box 120	269 mm x 169 mm x 291 mm	3185.00 g	13.23 dm <sup>3</sup>

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.

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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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