

# PRODUCT DATASHEET LED Slim Line 118 60 300° 8W 840 Glas 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





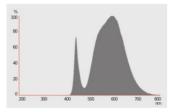
# TECHNICAL DATA

# Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	45 mA
Type of current	AC
Inrush current	0.54 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	55
Max. lamp number on MCB B16 A	88
Total harmonic distortion	96.25 %
Power factor $\lambda$	> 0.50

# Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4



349924\_4000K\_Se\_5630.eps

# Light technical data

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

# Dimensions & Weight



Overall length	118.00 mm
Diameter	16.00 mm
Maximum diameter	16 mm
Product weight	25.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	≤100 °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	F 1)		
Energy consumption	8.00 kWh/1000h		
Type of protection	IP20		
Standards	CE / EAC / UKCA		
Photobiological safety group acc. to EN62778	RG1		
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Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (locountry-specific categorizations  Order reference  OGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used	LEDSLIM11860 8W  -20+80 °C		
Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (local Country-specific categorizations  Order reference  OGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional	LEDSLIM11860 8W  -20+80 °C  LED  NDLS		
Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (local Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains	LEDSLIM11860 8W  -20+80 °C  LED  NDLS  MLS		
Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (local Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)	LEDSLIM11860 8W  -20+80 °C  LED  NDLS  MLS  R7s		

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	118.00 mm
Height	16.00 mm
Width	16.00 mm
Chromaticity coordinate x	0.3818
Chromaticity coordinate y	0.3797
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	20.9
LED light source replaces a fluorescent light source	No
EPREL ID	2005322
Model number	AC64399,AC64399

# 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 GLASS 230V R7S	
PDF	Declarations of conformity UKCA	LED SLIM GLASS 230V R7S	
	Photometric and lighting design files	Document name	
	Spectral power distribution	349924_4000K_Se_5630.eps	

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075840508	Folding box 1	21 mm x 49 mm x 155 mm	55.00 g	0.16 dm <sup>3</sup>
4058075840515	Shipping box 6	111 mm x 83 mm x 131 mm	398.00 g	1.21 dm <sup>3</sup>
4099854329203	Shipping box 96	350 mm x 238 mm x 289 mm	6852.00 g	24.07 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.

#### References / Links

- 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.