

## PRODUCT DATASHEET

### LED STAR CLAS A 60 FR 8.5 W/2700 K E27

LED STAR CLASSIC A | LED lamps, classic bulb shape



#### Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

#### Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

#### Product features

- LED alternative to conventional lamps
- Mercury-free lamps



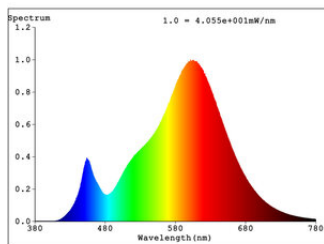
## TECHNICAL DATA

### Electrical data

Nominal wattage	8.5 W
Construction wattage	8.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	67 mA
Type of current	AC
Inrush current	10 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	109
Max. lamp number on MCB B16 A	175
Total harmonic distortion	150 %
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	94 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 sdcn
Rated LLMF at 6,000 h	0.80

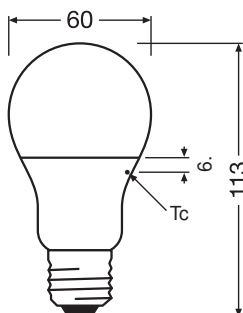


SPECTRAL POWER DISTRIBUTION  
RGBTW 24W 2700K

Light technical data

Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	113.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	28.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	100 °C

## Lifespan

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)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
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
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## Certificates & Standards

Energy efficiency class	F <sup>1)</sup>
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / ERP
Photobiological safety group acc. to EN62778	RG0

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

## Country-specific categorizations

ILCOS	DRAA/F-10/827-220-240-E27-60
Order reference	LEDSCLA60 8,5W/








## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Length	113.00 mm
Height	60.00 mm
Width	60.00 mm
EPREL ID	1403215,523308,1351499,1857042,1855184,2192460

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	EU Declaration of Conformity LED Classic A,B,P,Stick Lamp
	Declarations of conformity	Classic A_B_P 15000h FR
	Declarations of conformity	LED CLASSIC
	Declarations of conformity	LED CLASSIC A_P NON-DIM
	Declarations of conformity UKCA	LED CLASSIC
	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM
Photometric and lighting design files		Document name
	Spectral power distribution	SPECTRAL POWER DISTRIBUTION RGBTW 24W 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899149229	Blister 1	61 mm x 140 mm x 120 mm	42.00 g	1.02 dm <sup>3</sup>
4058075127357	Folding box 1	60 mm x 60 mm x 145 mm	37.00 g	0.52 dm <sup>3</sup>
4058075127364	Shipping box 10	328 mm x 135 mm x 137 mm	514.00 g	6.07 dm <sup>3</sup>
4052899149236	Shipping box 6	381 mm x 153 mm x 132 mm	381.00 g	7.69 dm <sup>3</sup>
4058075555365	Shipping box 6	202 mm x 134 mm x 120 mm	320.00 g	3.25 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 further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)
  - For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)
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