

# PRODUCT DATASHEET LEDISON CLAS ST 60 CL 6.5 W/2700 K E27

LED Retrofit CLASSIC ST | LED lamps, classic Edison bulb shape



#### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

#### Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "filament" technology

#### Product features

- LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Lamp made of glass
- Good quality of light; color rendering index  $R_{a:} \ge 80$ ; constant chromaticity





## TECHNICAL DATA

## Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	52 mA
Type of current	AC
Inrush current	3.9 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	60
Max. lamp number on MCB B16 A	100
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	124 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

# Light technical data

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

# Dimensions & Weight

Overall length	143.00 mm
Diameter	64.00 mm
Maximum diameter	64 mm

Product weight	46.00 g
Temperatures & operating conditions	
Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	50 °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	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	7.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG1
1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to	E (lowest efficiency)
Country-specific categorizations	
ILCOS	DRAS/C-6/827-220-240-E27-64
Order reference	LEDISON606,5W/8
Energy labelling regulation data acc EU 2019/2015	
Light source cap-type (or other electric interface)	E27
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Correlated colour temperature type	SINGLE_VALUE
Length	143.00 mm
Height	64.00 mm
Width	64.00 mm
EPREL ID	1403387
Model number	AC24313

## Safety advice

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

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899972353	Blister 1	67 mm x 140 mm x 185 mm	74.00 g	1.74 dm <sup>3</sup>
4052899420878	Shipping box 6	416 mm x 153 mm x 201 mm	622.00 g	12.79 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.

## **DISCLAIMER**

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