

PRODUCT DATASHEET LEDISON CLAS ST 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

- Very low energy consumption
- 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	55 W
Nominal current	52 mA
Type of current	AC
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Power factor λ	> 0.50

Photometrical data

Luminous flux	730 lm
Nominal useful luminous flux 90°	730 lm
Luminous efficacy	112 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			
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			
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	CB / EMC / RoHS			
Photobiological safety group acc. to EN62778	RG1			
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lighter than the country-specific categorizations)	owest efficiency)			
Order reference	LEDISON55 6,5W/			
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	E27			
Energy labelling regulation data acc EU 2019/2015				
Energy labelling regulation data acc EU 2019/2015 Light source cap-type (or other electric interface)	E27			
Energy labelling regulation data acc EU 2019/2015 Light source cap-type (or other electric interface) Correlated colour temperature type	E27 SINGLE_VALUE			
Energy labelling regulation data acc EU 2019/2015 Light source cap-type (or other electric interface) Correlated colour temperature type Length	E27 SINGLE_VALUE 143.00 mm			
Energy labelling regulation data acc EU 2019/2015 Light source cap-type (or other electric interface) Correlated colour temperature type Length Height	E27 SINGLE_VALUE 143.00 mm 64.00 mm			

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075578289	Folding box 1	65 mm x 65 mm x 147 mm	64.00 g	0.62 dm ³
4058075578296	Shipping box 10	337 mm x 141 mm x 161 mm	749.00 g	7.65 dm ³

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.