

LED STAR CLASSIC B25

Product description



- True replacement for 25W incandescent lamp
- Classic incandescent lamp design with E14 base
- Average lifetime 25.000 hours (25 Years¹)
- Very low energy consumption

Product Offering

Type reference	Wattage	CCT	CRI
LED STAR CLASSIC B25 WW E14	3,5W	2700K	80

1. Key Features and Benefits

- 3,5W LED lamp as high-quality replacement of 25W incandescent lamp
- E14 base
- available in incandescent-like 2700K Warm White colour temperature
- good colour rendering
- reduces energy consumption up to 90%
- shock-proof and vibration-proof
- 25 years lifetime¹
- UV and NIR radiation free
- Mercury free
- 3 years OSRAM Guarantee²

¹ based on an average lifetime of 25,000 hours if used for about 2.7 hours each day

² See www.osram.com/guarantee

2. Common Characteristics³

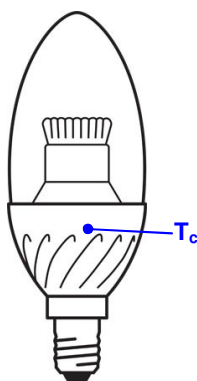
Average lifetime ⁴		Switching cycles (30s on, 30s off)		Casing material	Starting time	Warm up time for 60% light	Power factor
25,000h		100,000		Ceramic	0.0s	none	0.5
Mercury max.	Base Type	Length	Diameter	Weight	T _c temperature max. ⁵	Nominal current (230V)	
0.0mg	E14	102mm	37mm	63g	90°C	0.33A	

3. Characteristic Range³

Type reference	Wattage	Luminous flux	Correlated colour temperature	CRI	Beam angle
CLASSIC B25 WW	3,5W	250lm	2700K±200K	80	-

4. Mounting information

Good heat exchange supports ideal performance



5. Disposal information

WEEE-lamps can be returned at specific collection points.

LED lamps have to be disposed as special waste.



³ Typical values. All the technical parameters apply to the entire lamp. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

⁴ The average lifetime of LED lamps is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC60969). The lifetime is estimated at room temperature (25°C), free air burning, base up burning position and at rated voltage. To achieve a full lifetime a good heat exchange for the electronic components is required.

⁵ The T_c is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)

6. Application Information

Applications

- All typical household luminaires
- Open luminaires
- residentials
- hotels
- hospitals
- facilities
- commercial areas

Application Notes

1. suitable for indoor application.
2. for outdoor applications and operation in damp locations special approved fixture are required.
3. Input voltage: 100-240V (33mA)
4. Operating temperature range between -20 °C and 40 °C

7. Cost savings: example

Reference product description	Similar GLS product	Watts saved	Electricity Cost saved after 1 year	Electricity Cost saved after 2 years	Electricity Cost saved after Lifetime
CLASSIC B25 WW	25W incandescent Bulb	21,5W	4,52€	9,03€	112,88€

8. Ordering Guide

Type reference	Product Number – 1pcs	Product Number – 1 shipping unit	Number of pcs / ship. unit
CLASSIC B25 WW	4008321993137	4008321993243	6

9. Lamp conformity

2004/108/EC Electromagnetic compatibility (EMC)

2009/125/EC Ecodesign requirements for energy related products

2011/65/EC Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH Regulation)

2002/96/EC Waste Electrical and Electronic Equipment Directive (WEEE)

EN 62471 Photobiological safety of lamps and lamp systems

IEC/TR 62471-2 Photobiological safety of lamps and lamp systems - Part 2: Guidance on manufacturing requirements relating to non-laser optical radiation safety

EN 55015 Limits and methods of measurement of radio disturbance

EN 61000-3-2 Electromagnetic compatibility – Limits for harmonic current emission

EN 61000-3-3 Electromagnetic compatibility – Limitation of voltage changes, voltage fluctuations, flicker in public low voltage supply systems

EN61547 Electromagnetic compatibility immunity requirements