

LED STAR CLASSIC A40

Product description



- True replacement for 40W incandescent lamp
- Classic incandescent lamp design
- Average lifetime 15.000 hours (15 Years¹)
- Low energy consumption

Product Offering

Type reference	Wattage	CCT	CRI
LED STAR CLASSIC A40 WW E27	8W	2700K	80
LED STAR CLASSIC A40 D E27	8W	6500K	80
LED STAR CLASSIC A40 WW B22d	8W	2700K	80

1. Key Features and Benefits

- 8W LED lamp as high-quality replacement of 40W incandescent lamp
- E27 and B22d base
- available in incandescent-like 2700K Warm White colour temperature
- good colour rendering
- reduces energy consumption up to 80%
- shock-proof and vibration-proof
- 15,000 hours lifetime
- UV and NIR radiation free
- Mercury free
- Smooth and even heat sink
- 3 years OSRAM Guarantee²

¹ based on an average lifetime of 15,000 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
15,000h		100,000	plastic	0.0s	none	0.93

Mercury max.	Base Type	Length	Diameter	Weight	Tc temperature max. ⁵	Nominal current (230V)
0.0mg	E27	110mm	60mm	105g	90 °C	0.04A

3. Characteristic Range³

Type reference	Wattage	Luminous flux	Correlated colour temperature	CRI	Beam angle
CLASSIC A40 WW E27	8W	470lm	2700K±150K	80	130°
CLASSIC A40 D E27	8W	470lm	6500K±500K	80	130°
CLASSIC A40 WW B22d	8W	470lm	2700K±150K	80	130°

4. Disposal information

WEEE-lamps can be returned at specific collection points.
LED lamps have to be disposed as special waste.



5. Application Information

Applications

- All typical household luminaires
- residentials
- hotels
- hospitals
- facilities
- commercial areas
- office space

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 (40mA)
4. Operating temperature range between -20 °C and 40 °C

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 Tc 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. Ordering Guide

Type reference	Product Number – 1 pcs	Product Number – 1 shipping unit	Number of pcs / ship. unit
CLASSIC A40 WW E27	4008321980700	4008321980786	6
CLASSIC A40 D E27	4008321980717	4008321980793	6
CLASSIC A40 WW B22d	4008321981134	4008321981172	6

7. 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