Product Information

PARATHOM® CLASSIC B40 frosted & P40 frosted





Product Overview

Product	Wattage	CCT	lm	Base
PARATHOM® CLASSIC B40 frosted	**6**	**2700**	**470**	**E14**
PARATHOM® CLASSIC P40 frosted	**6**	**2700**	**470**	**E14**

Benefits

- For all household luminaires
- Low energy consumption and maintenance costs
- GLS inspired Design
- Same size as dimmable version
- True 40W incandescent candle replacement

Key Features

- 6W LED lamp as high-quality replacement for a 40W incandescent candle lamp
- Designed in Germany
- Available in 2700K warm white color temperature
- Energy efficiency class A+
- 15,000 hours lifetime[1]
- Similar dimensions as incandescent candle lamp
- UV and NIR radiation free
- Mercury free
- 5 years Osram Guarantee (www.osram.com/guarantee)

Product	Wattage	CCT	lm	Base	Diameter	Lenght	Weight	EAN10	EAN40 (ship.unit)	Ship. unit
PARATHOM® CLASSIC B40 frosted	6	2700	470	E14	38 mm	105 mm	51 g	4052899912007	4052899912144	10
PARATHOM® CLASSIC P40 frosted E14	6	2700	470	E14	43 mm	82 mm	51 g	4052899912021	4052899912168	10

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.

[1] 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.

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Common Characteristics[2]

Average lifetime[3]	Switching cycles (30s on, 30s off)	Casing material	Starting time	Warm up time for 60% light	Power factor
15,000 hrs	100,000	Plastic	< 0,2 s	0.0 s	0.58
Nominal current	**Max. inrush current**	**Tc temperature max.5**	**CRI**	**Mercury max.**	
42.5 mA	-	95 °C	80	0.0 mg	



Good heat exchange supports ideal performance

Disposal information

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



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[4] 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)

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Application information

- Suitable for indoor application.
- For outdoor applications and operation in damp locations special approved fixture are required.
- Input voltage: 220-240V
- Storage temperature & humidity conditions (-20°C up to +40°C, at max. 95% relative humidity)
- Operating temperature & humidity conditions (-20°C up to +40°C, at max. 95% relative humidity)

Lamp conformity

- 2004/108/EC Electromagnetic compatibility (EMC)
- 244/2009 Ecodesign requirements for non-directional household lamps
- IEC/ PAS 62612 Self ballasted LED-lamps for general lighting services – Performance requirements
- 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
- EN 55015 Limits and methods of measurement of radio disturance
- EN 61000-3-2 Electromagnetic compatibility – Limits for harmonic current emission
- EN 61000-3-3 Electromagnetic compatibility – Limitation of voltage changes, voltage fluactuations, flicker in public low voltage supply systems
- EN61547 Electromagnetic compatibility immunity requirements
- 1194/2012 Eco design requirement for directional lamps, light emitting diode lamps and related equipment (DIM II)
- IEC 62560 self-ballasted LED-lamps for general lighting services by voltage >50V – Safety specifications
- 874/2012/EU Energy labeling of electrical lamps and luminaires