

Product Information

PARATHOM® CLASSIC A60 advanced frosted & clear sparkling



Product Overview

Product	Wattage	CCT	lm	Base
PARATHOM® CLASSIC A60 adv frosted	10	2700	806	E27
PARATHOM® CLASSIC A60 adv clear sparkling	10	2700	806	E27

Benefits

- For all household luminaires
- Low energy consumption and maintenance costs
- Longer lifetime²
- GLS inspired Design
- Dimmable¹
- Made in Italy

Key Features

- 10W LED lamp as high-quality replacement for a 60W incandescent candle lamp
- Dimmable¹
- E27 base
- Available in 2700K warm white color temperature
- Energy efficiency class A+
- 20,000 hours lifetime³
- Similar dimensions as incandescent lamp
- UV and NIR radiation free
- Mercury free
- 4 years Osram Guarantee (www.osram.com/guarantee)

Product	Wattage	CCT	lm	Base	Diameter	Length	Weight	Viewing Angle	EAN10	EAN40 (ship.unit)	Ship. unit
PARATHOM® CLASSIC A60 adv frosted	10	2700	806	E27	60 mm	110 mm	150 g	260°	4052899911208	4052899911215	10
PARATHOM® CLASSIC A60 adv clear sparkling	10	2700	806	E27	60 mm	110 mm	150 g	200°	4052899913820	4052899913882	10

¹With many common dimmers, see also www.osram.com/dim

² 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.

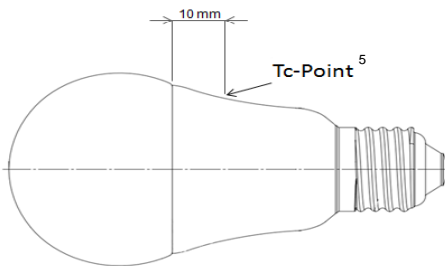
³ The average lifetime of LED lamps is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC60969). The lifetime is estimated at room temperature (25°C), free air burning, base up burning position and at rated voltage.

Product Information

PARATHOM® CLASSIC A60 advanced frosted & clear sparkling

Common Characteristics³

Average lifetime ⁴	Switching cycles (30s on, 30s off)	Casing material	Starting time	Warm up time for 60% light	Power factor
20,000 hrs	100,000	Plastic	< 0,2 s	0.0 s	0.95
Nominal current	Max. inrush current	Tc temperature max.5	CRI	Mercury max.	
47 mA	1,3 A	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.



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.

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)



Product Information

PARATHOM® CLASSIC A60 advanced frosted & clear sparkling

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 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
- 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

Product Information

PARATHOM® CLASSIC A60 advanced frosted & clear sparkling

Dimming behaviour⁶

Brand	Model	Power range	Voltage range	Leading or Trailing	Min dim range	Max dim range	Max current (mA)	Min current (mA)
Lichtregler	he T10	60-300W	230V/50Hz	L	11,4%	100,0%	122	13,7
Busch	2250	60-600W	230V/50Hz	L	4,3%	100,0%	122,5	5,2
lüng	225 NV DE	20-500W	230V/50Hz	L	9,9%	100,0%	122,5	11,9
siemens	5TC8 284	20-600W	230V/50Hz	T	1,7%	100,0%	122,4	2
merten	5725-99	20-500W	230V / 50Hz	L	3,3%	100,0%	123	4
SIEMENS	5TC8 256	50-400W	230V / 50Hz	L	12,5%	100,0%	123	15,0
GIRA	Ne.030000/101	60-400W	230V / 50Hz	L	22,5%	100,0%	123	27,0
BUSCH	6517 U-101	60-400VA	230V / 50Hz	L	10,0%	100,0%	123	12,0
Berker	Nr.2874	20-250W	230V / 50Hz	T	2,5%	100,0%	123	3,0
KOPP/Sicherung	8033	40~400W	230V/ 50Hz	L	12,5%	100,0%	123	15,0
KOPP/Sicherung	80,78	20~275W	230V/ 50Hz	T	5,8%	100,0%	123	7,0
Everflourish	EF0700DC	20~300W	230V/ 50Hz	T	3,6%	100,0%	123	4,3
Everflourish	EFM700DB	50~300W	230V/ 50Hz	L	10,3%	100,0%	123	12,3
Berker	Nr.2875	60-600W	230-240V / 50Hz	L	8,8%	100,0%	123	10,6
Berker	Nr.281902	60-400W	230V / 50Hz	L	30,0%	100,0%	123	36,0

Legend

L / leading edge T / trailing edge

⁶ Typical values The test results reflect the measurement of the individual devices that were used in tests. OSRAM does not take over any responsibility, warranty or liability that this results can also be achieved by using the devices under other conditions or when using successor models of the tested devices or different models of the same manufacturer.

The test results were achieved by using the above mentioned LED-lamp types. OSRAM does not take over any responsibility, warranty or liability that this results can also be achieved by using the devices under other conditions or when using other LED-lamp types.

Product Information

PARATHOM® CLASSIC A40 advanced frosted & clear sparkling

Dimming behaviours⁶

Brand	Model	Power range	Voltage range	Leading or Trailing	Min dim range	Max dim range	Max current (mA)	Min current (mA)
Merten	5771-99	20~315 W	230V/50Hz	T	3,3%	100,0%	124	4,0
ABB	STD50-3	500VA	230V / 50Hz	L	9,2%	100,0%	123	11,0
Legrand	775903	420VA	230V/50Hz	T	1,7%	100,0%	123	2,0
OSRAM	MCU Te250	20~250 W	220~240V /50~60Hz	T	2,5%	93,3%	112	3,0
Berker	2875	60W-600W	230V-240V/50Hz	L	7,8%	100,0%	123	9,4
PEHA	433HAB	20-315W	230V/50Hz	T	2,8%	100,0%	123	3,3
Tronic	51160	315W/V A	230V /50Hz	T	4,1%	100,0%	123	4,9
Busch	6519U	40-550W	230V /50Hz	T	3,4%	100,0%	123	4,1
Berker	281902	60~400 W	230V/50Hz	L	20,0%	100,0%	123	24,0
CONRAD	T46	20~315 W	230V/50Hz	T	3,6%	100,0%	123	4,3
GIRA	0300 00/101	60~400 W	230V/50Hz	L	30,8%	100,0%	123	37,0
Busch-Dimmer	2247U	500W	230V/50Hz	L	10,0%	100,0%	123	12,0

Legend

L / leading edge T / trailing edge

⁶ Typical values The test results reflect the measurement of the individual devices that were used in tests. OSRAM does not take over any responsibility, warranty or liability that this results can also be achieved by using the devices under other conditions or when using successor models of the tested devices or different models of the same manufacturer.

The test results were achieved by using the above mentioned LED-lamp types. OSRAM does not take over any responsibility, warranty or liability that this results can also be achieved by using the devices under other conditions or when using other LED-lamp types.