

PRODUCT DATASHEET

60 10 W B22d

Starters for single operation at 230 V AC (ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



Areas of application

- General illumination
- Outdoor applications only in suitable luminaires

Product benefits

- Easy to install and use
- Up to 80 % less energy consumption compared to halogen lamps
- Contains no mercury

Product features

- LED Classic A lamp with wireless smart lighting function
- RGB color control, approx. 16 million color options adjustable
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- Dimmable
- Network protocol: Zigbee LL 2.0
- Lifetime: up to 20,000 h
- Controllable via compatible smart home system (gateway and app) or SMART+ Switch



TECHNICAL DATA

Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220 V
Claimed equiv. conventional lamp power	60 W
Nominal current	80 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	> 0.50

Photometrical data

Luminous flux	810 lm
Nominal useful luminous flux 90°	800 lm
Luminous efficacy	81 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	RGBW
Color temperature	2000...6500 K
Color rendering index Ra	80
Light color	820...865
Standard deviation of color matching	≤6 sdcn

Light technical data

Beam angle	240 °
Warm-up time (60 %)	≤ 2.00 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	120.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	130.00 g

Temperatures & operating conditions

Ambient temperature range	0...+25 °C
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Rated ambient temp.w.max.luminous	40.0 °C
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Lifespan

Number of switching cycles	10000
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)	B22d
Mercury content	0.0 mg
Mercury-free	Yes
Product remark	All technical parameters apply to the entire lamp / Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times.

Capabilities

Suitable for indoor	Yes
Dimmable	Yes

Certificates & Standards

Energy efficiency class	A
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	CE

Country-specific categorizations

Order reference	SMART CLAS A60
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	B22d
Length	120.00 mm
Height	60.00 mm
Width	60.00 mm

EQUIPMENT / ACCESSORIES

– Control via app requires LIGHTIFY system (app and gateway) or other compatible Smart home system

DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	EU Declaration Smart EU Classic A

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.