PRODUCT FAMILY DATASHEET
SMART+ Classic Tunable White

Classic bulb shape with Bluetooth technology

Areas of application

- General illumination
- Residential interiors
- Professional (hotels, bars, boutiques etc.)
- Outdoor applications only in suitable luminaires

Product benefits

- Wireless control via app
- Easy to install and use
- Contains no mercury

Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 6.0 or iOS 11.0)
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- Dimmable
- Network protocol: Bluetooth
- Lifetime: up to 20,000 h
- For full functionality with control via Apple Home App connection to Apple TV (with tvOS 10 or later) or iPad (with iOS 10 or later) required
- Your Smart Home obeys your word - use Google Assistant and control your light via voice control

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TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Construction wattage	Nominal voltage	Nominal current	Operating frequency
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	8.5 W	8.50 W	220...240 V	55 mA	50...60 Hz

Product description	Mains frequency	Power factor λ	Claimed equiv. conventional lamp power
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	50...60 Hz	> 0.5	60 W

Photometrical data

Product description	Light color (designation)	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Nominal luminous flux	Luminous flux
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	Tunable White	0.70	≤6 sdcm	806 lm	806 lm

Product description	Luminous efficacy	Adjustable color temperature	Color temperature	Color rendering index Ra	Flickering metric (Pst LM)
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	94 lm/W	2700...6500 K	2700...6500 K	80	1.0

Product description	Stroboscope effect metric (SVM)
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	0.9

Light technical data

Product description	Beam angle	Light control
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	SPHERE_360	Adjustable color temperature

Dimensions & Weight

Product description	Product weight	Diameter	Length	Width
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	47.00 g	60.00 mm	118.00 mm	60.00 mm

Product description	Height	Outer bulb [PICOS]
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	60.00 mm	A60

Lifespan

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Product description	Lifespan	Lumen maintenance at end of serv
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	15000 h	0.70

Colors & materials

Product description	Housing color
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	White

Temperatures & operating conditions

Product description	Ambient temperature range
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	-20...+40 °C

Additional product data

Product description	Mercury-free	Product remark	Base (standard designation)
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	Yes	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value	E27

Capabilities

Product description	Dimmable	Compatible smart home technology
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	Yes	Google Assistant / Amazon Alexa

Certificates & Standards

Product description	Energy efficiency class	Energy consumption	Standards	Type of protection
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	F[1)]	9.00 kWh/1000h	CE	IP20

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Energy labellling regulation data acc EU 2019/2015

Product description	Lighting technology used	Non-directional or directional	Mains or non-mains	Light source cap-type (or other electric interface)	Connected light source (CLS)
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	LED	NDLS	MLS	E27	yes

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Product description	Color-tuneable light source	Envelope	High luminance light source	Anti-glare shield	Correlated colour temperature type
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	yes	No	No	No	RANGE

Product description	Standby power	Networked standby power for CLS	Claim of equivalent power	Chromaticity coordinate x	Chromaticity coordinate y
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	0.50	0.50	Yes	0.458	0.410

Product description	R9 Colour rendering index	Beam angle	Survival factor	Displacement factor	LED light source replaces a fluorescent light source
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	0.00	SPHERE_360	0,9	0.80	not applicable

Product description	EPREL ID	Model number
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	528225	AC33938

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
SMART+ BT Classic 60 8.5 W/2700...6500 K E27	4058075485198	-	-	-	-

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Declarations of conformity EC Declaration of Conformity SMART+ BT CLA CLB CLP HS
PDF	Declarations of conformity EC Declaration of Conformity SMART+ BT CLA60 AC25696 AC25698 AC25700 AC26958
PDF	Installation guide SMART+ INSTALLATION GUIDE

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075485198	Folding box 1	61 mm x 96 mm x 154 mm	121.00 g	0.90 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

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

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