

# PRODUCT DATASHEET SMART+ BT Classic 60 9 W E27

SMART+ Classic Multicolour | Classic bulb shape with Bluetooth technology



### Areas of application

- General illumination
- Outdoor use in suitable outdoor luminaires only

### 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
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- 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
- 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: Bluetooth
- Lifetime: up to 20,000 h





# **TECHNICAL DATA**

# Electrical data

Nominal wattage	8.5 W
Construction wattage	8.50 W
Nominal voltage	220240 V
Nominal current	55 mA
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Claimed equiv. conventional lamp power	60 W
Operating mode	AC Mains

# Photometrical data

Light color (designation)	RGBW
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	806 lm
Luminous flux	806 lm
Luminous efficacy	94 lm/W
Adjustable color temperature	27006500 K
Color temperature	27006500 K
Color rendering index Ra	80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9



Everlight 67-23ST KKE 2700K

# Light technical data

Beam angle	200 °
Starting time	< 0.5 s

Light control	RGB color control		
Warm-up time (60 %)	< 0.50 s		
Dimensions & Weight			
Product weight 50.00 g			
Diameter	60,0 mm		
Maximum diameter	60 mm		
Length	115.00 mm		
Width	60,0 mm		
Height	60,0 mm		
Outer bulb [PICOS]	A60		
ifespan			
Number of switching cycles	100000		
Lifespan	20000 h		
Lumen maintenance at end of service lifetime	e at end of service lifetime 0.70		
Colors & materials			
Product color	White		
Housing color	White		
emperatures & operating conditions			
Ambient temperature range	-20+40 °C		
Additional product data			
Mercury-free	Yes		
Product remark	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		

Yes 1)

Google Assistant / Amazon Alexa

Compatible smart home technology

# Certificates & Standards

Dimmable

<sup>1)</sup> Check dimmer compatibility at ledvance.com/compatibility

Energy efficiency class	F 1)	
Energy consumption	9.00 kWh/1000h	
Standards	CE	
Type of protection	IP20	

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

# Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E27
Connected light source (CLS)	Yes
Color-tuneable light source	Yes
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	RANGE
Standby power	0.5 W
Networked standby power for CLS	0.5 W
Claim of equivalent power	Yes
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0,9
Displacement factor	0.80
LED light source replaces a fluorescent light source	No
EPREL ID	1582634,1403079,528216
Model number	AC33929,AC25696,AC03630

# **EQUIPMENT / ACCESSORIES**

- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- For control via Apple Home App iPhone (with iOS 10 or later), iPad (with iOS 10 or later), Apple TV (with tvOS 10 or later) or Apple Watch (with watchOS 2 or later) required

# Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

# DOWNLOAD DATA

	Documents and certificates	Document name
POF	Extended installation guide	SMART+ INSTALLATION GUIDE
POF	Declarations of conformity	EU Declaration Smart EU Classic A
POF	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	EU Data Act	SMART Bluetooth Mesh Lighting Products

Photometric and lighting design files	Document name
Spectral power distribution	Everlight 67-23ST KKE 2700K

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075208469	Folding box 1	61 mm x 96 mm x 154 mm	124.00 g	0.90 dm <sup>3</sup>
4058075211544	Shipping box 4	210 mm x 165 mm x 135 mm	649.00 g	4.68 dm <sup>3</sup>

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.

# References / Links

- Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

# **DISCLAIMER**

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