

PRODUCT DATASHEET

SMART ZB A60 R 9W 220V RGBW FR B22D

SMART+ Classic Multicolour | Classic bulb shape with Zigbee technology



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
- Lifetime: up to 20,000 h
- Controllable via compatible smart home system (gateway and app) or SMART+ Switch
- For full functionality connection to a compatible smart home System (gateway and app) required



TECHNICAL DATA

Electrical data

Nominal wattage	9 W
Construction wattage	9.00 W
Nominal voltage	220...240 V
Nominal current	55 mA
Mains frequency	50 Hz
Power factor λ	> 0.5
Claimed equiv. conventional lamp power	60 W

Photometrical data

Light color (designation)	RGBW
Lumen main.fact.at end of nom.life time	0.95
Standard deviation of color matching	≤ 6 sdc _m
Nominal luminous flux	806 lm
Luminous flux	806 lm
Luminous efficacy	89 lm/W
Adjustable color temperature	2000...6500 K
Color temperature	2000...6500 K
Color rendering index Ra	≥ 80
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤ 0.4



Light technical data

Beam angle	200 °
Starting time	< 0.5 s

Dimensions & Weight



Product weight	55.00 g
Diameter	60.00 mm
Maximum diameter	60 mm
Length	110.00 mm
Width	60 mm
Height	60 mm
Outer bulb [PICOS]	A60

Lifespan

Number of switching cycles	100000
Lifespan	20000 h

Colors & materials

Product color	White
Housing color	White

Temperatures & operating conditions

Ambient temperature range	-20...40 °C
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Additional product data

Base (standard designation)	B22d
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Capabilities

Dimmable	Yes
Compatible smart home technology	Amazon Alexa / Google Assistant / Philips Hue

Certificates & Standards

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




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)	B22d
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	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	> 0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	>0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1160670
Model number	AC41284

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

Documents and certificates	
	Installation guide
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075729049	Folding box 1	61 mm x 96 mm x 154 mm	129.00 g	0.90 dm ³
4058075729056	Shipping box 4	210 mm x 165 mm x 135 mm	649.00 g	4.68 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.