INGENIUM® ZB RGBW LED Classic

The INGENIUM® ZB RGBW LED A60 offers a range of over 16 million colour combinations along with multiple white tone (2200~6500K) settings to let you choose whatever mood you want. Easily controlled with your smartphone/tablet, or through voice commands with Amazon Alexa and Google Assistant. Simply use with a ZigBee compatible hub such as the INGENIUM® ZB, Philips Hue, Samsung SmartThings or Amazon Echo devices (Echo Plus/ Echo Show/ Echo Studio).

Key Features & Benefits

- Connects with INGENIUM® ZB or other major Zigbee compatible systems to enjoy advanced lighting control features.
- Voice controlled: Works with Amazon Alexa and Google Assistant when combined with INGEINUM® ZB gateway (sold separately). It also can be connected directly to the Amazon Echo Plus/ Echo Show/ Echo Studio.
- Colours and White Shades: Choose from 16 million colours and a wide array of warm and cold white colour temperatures (2200~6500K) with this lamp. Pick any colour and change the brightness to set the mood. Set scenes and timers to improve your well-being and promote your circadian rhythm# by simulating natural lighting in your home. INGENIUM® ZB bulbs can replicate changes in sunlight between sunrise and sunset.
- Plug and Play: Easy to install and easy to use. INGENIUM® ZB A60 bulb can be easily screwed in to the socket and paired with a Zigbee mesh network.
- Energy Efficient: Replace your conventional light bulbs with these 9 W, 810-Lumen 60W-equivalent bulbs and save up to 80% on energy usage.

Applications

- Residential
- Small business

Compatibility

GENERAL INFORMATION

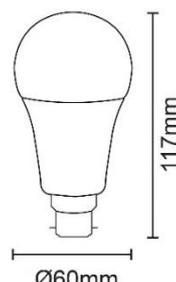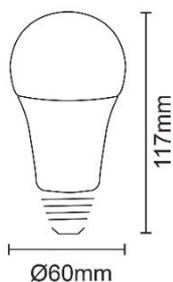|	
Input Voltage / Frequency	220-240 VAC 50/60Hz
Energy Label Rating	A+
Power	9W
Standby Power	< 0.5W
Power Factor	> 0.8
Luminous flux	810lm @ 3000K
Beam Angle	190°
Dimmable	Yes *
Protocol	Zigbee
Frequency Band	2400 – 2483.5MHz
Colour Temperature	2700K – 6500K
Colour	1600 million colours
CRI	≥ 80 @ 2700K
Colour Consistency	SDCM ≤ 6
Number of Switching Cycles	> 100 000
Starting Time [sec]	< 0.5
Lifetime L70 B50 at 25℃	>20000 hrs
Operating temperature	−20℃—40℃
Approvals	IEC/EN 62560, IEC/EN 62493, EN 300328, EN 62479 EN 301489-1, EN 301489-17, EN 55015, IEC/EN 61547, IEC/EN 61000-3-2, IEC/EN 61000-3-3, Zigbee Light Link

*Not Compatible with Wall Dimmers
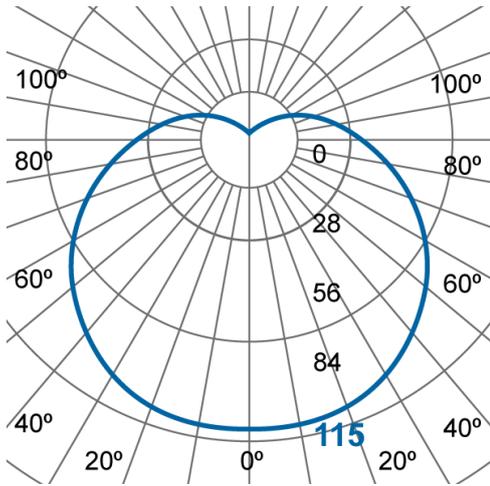
PRODUCT INFORMATION

Model No.	MM Code	Cap Base
LG216090/dm/ec/z1-OPv00+E27	406338/ MM09989	E27
LG216090/dm/ec/z1-OPv00+B22	406334/ MM09988	B22

DIMENSIONS & WEIGHT

Model No.	H mm	D mm	Weight g
LG216090/dm/ec/z1-OPv00+E27	117	60	130
LG216090/dm/ec/z1-OPv00+B22	117	60	130

PHOTOMETRIC DIAGRAM

LOGISTIC INFORMATION

Model No.	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L	W	H	
	pcs/unit	mm	mm	mm	kg
LG216090/dm/ec/z1-OPv00+E27	60	470	470	330	11.42
LG216090/dm/ec/z1-OPv00+B22	60	470	470	330	11.57

Data subject to change