

# INGENIUM® ZB Universal Dimming Module



The INGENIUM® ZB Universal Dimming Module is a phase cut controller<sup>^</sup> for use with multiple LED dimmable lamps and fixtures. It can easily be installed to control your home lighting with 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)

<sup>^</sup> Preconfigured in leading edge dimming mode.

## 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 INGENIUM® ZB gateway (sold separately). It can also be connected directly to the Amazon Echo Plus/ Echo Show/ Echo Studio.
- Output power: maximum 250VA LED load or 500W resistive load.
- Universal dimming mode: User selectable between automatic load sensing, leading or trailing edge dimming modes<sup>^</sup>.
- Plug and Play: Easy to install and easy to use. INGENIUM® ZB Universal Dimming Module has a compact dimensional profile and it is compatible with standard switch boxes.
- Wall switch control: Works with momentary switch (not included) to operate the dimming module locally.

## Applications

- Residential
- Small business




## Compatibility



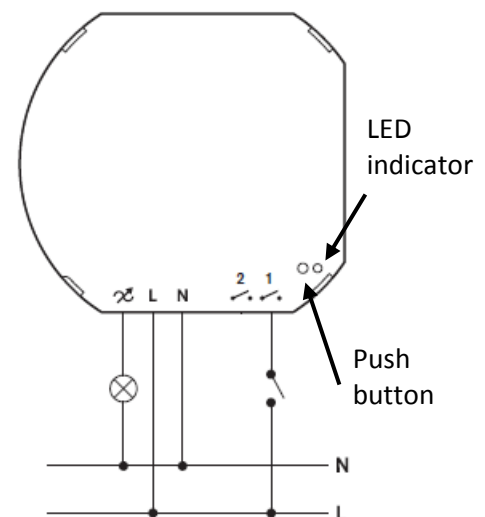
## GENERAL INFORMATION

Input Voltage / Frequency	220-240 VAC 50Hz
Max. Output Power	250VA (LED load) 500W (Resistive load)
Standby Power	< 0.5W
Dimmable	Yes
Dimming Mode	Phase Cut - leading edge or trailing edge
Protocol	Zigbee
Frequency Band	2400 – 2483.5MHz
Starting Time [sec]	< 0.5
Operating temperature	-20°C—45°C
Housing Material	Flame retardant housing (V-0); black, RAL 9005
Approvals	2014/53/EU, 2014/30/EU, 2014/35/EU, 2012/19/EU, 2011/65/EU, EN 300328, EN 300440, EN 301489, Zigbee 3.0

## PRODUCT WIRING CONNECTION

Wire	Usage
 - Red wire	Output load live wire
L - Brown wire	Mains input live wire
N - Blue wire	Mains input neutral wire
 - White wire	Switch input port 1* (connect to a momentary switch)
 - Grey wire	Switch input port 2* (not use)
LED indicator	Green colour LED indicator
Push button	To perform device pairing reset

\*Insulate with electrical tape if those wires were not in use

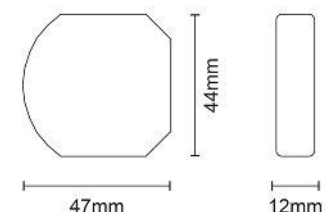


## PRODUCT INFORMATION

Model No.	MM Code
ZBM01d	406306/ MM08082

## DIMENSIONS & WEIGHT

Model No.	L	W	H	Weight
	mm	mm	mm	g
ZBM01d	47	44	12	33



## LOGISTIC INFORMATION

Model No.	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L	W	H	
	pcs/unit	mm	mm	mm	kg
ZBM01d	60	427	322	215	5.5

# INGENIUM® ZB Dimmable LED Candle



The INGENIUM® ZB LED Candle light (2700K/ 4000K) is 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 INGENIUM® ZB gateway (sold separately). It also can be connected directly to the Amazon Echo Plus/ Echo Show/ Echo Studio.
- Soft White or Daylight available: Create a pleasant mood with dimmable soft white (2700K) or a bright and natural atmosphere with daylight colour (4000K).
- Plug and Play: Easy to install and easy to use. INGENIUM® ZB LED Candle light can be easily screwed into E14 socket and paired with a Zigbee mesh network.
- Energy Efficient: Replace your conventional light bulbs with these 6W, 470-Lumen 40W-equivalent bulbs and save up to 85% on energy usage.

## Applications

- Residential
- Small business

## Compatibility



## GENERAL INFORMATION

Input Voltage / Frequency	220-240 VAC 50/60Hz
Energy Label Rating	A+
Power	6W
Standby Power	< 0.5W
Power Factor	> 0.5
Luminous Flux	470lm
Beam Angle	180°
Dimmable	Yes *
Protocol	Zigbee
Frequency Band	2400 – 2483.5MHz
Colour Temperature	2700K or 4000K
CRI	≥ 80
Colour Consistency	SDCM ≤ 6
Number of Switching Cycles	> 100 000
Starting Time [sec]	< 0.5
Lifetime L70 B50 at 25°C	>20000 hrs
Operating temperature	-20°C—40°C
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

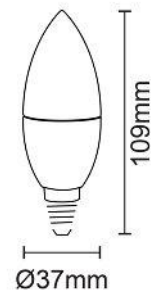
\*Not Compatible with Wall Dimmers

## PRODUCT INFORMATION

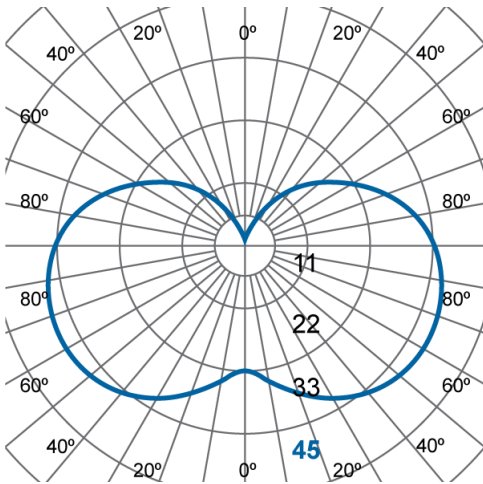
Model No.	MM Code	Cap Base	Colour Temperature
LC201060/dm/z1-OPv00 +E14+2700K	406320/ MM10671	E14	2700K
LC201060/dm/z1-OPv00 +E14+4000K	406322/ MM10672	E14	4000K

## DIMENSIONS & WEIGHT

Model No.	H	D	Weight
	mm	mm	g
LC201060/dm/z1-OPv00+E14+2700K	109	37	60
LC201060/dm/z1-OPv00+E14+4000K	109	37	60



## PHOTOMETRIC DIAGRAM



## LOGISTIC INFORMATION

Model No.	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L mm	W mm	H mm	
LC201060/dm/z1-OPv00 +E14+2700K	pcs/unit 60	395	295	365	kg 6.5
LC201060/dm/z1-OPv00 +E14+4000K	60	395	295	365	6.5

# INGENIUM® ZB Dimmable LED Classic



The INGENIUM® ZB LED A60 (2800K) is 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 INGENIUM® ZB gateway (sold separately). It also can be connected directly to the Amazon Echo Plus/ Echo Show/ Echo Studio.
- Soft White: Create a pleasant mood with dimmable soft white lighting (2800K).
- Plug and Play: Easy to install and easy to use. INGENIUM® ZB A60 bulb can be easily screwed into E27 socket and paired with a Zigbee mesh network.
- Energy Efficient: Replace your conventional light bulbs with these 9W, 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	> 0.5
Luminous Flux	810lm
Beam Angle	270°
Dimmable	Yes *
Protocol	Zigbee
Frequency Band	2400 – 2483.5MHz
Colour Temperature	2800K
CRI	≥ 80
Colour Consistency	SDCM ≤ 6
Number of Switching Cycles	> 100 000
Starting Time [sec]	< 0.5
Lifetime L70 B50 at 25°C	>20000 hrs
Operating temperature	-20°C—40°C
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

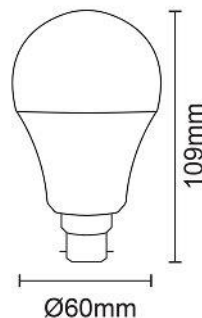
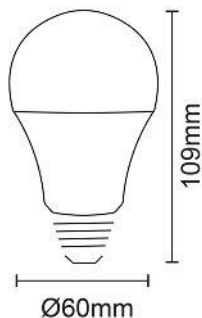
\*Not Compatible with Wall Dimmers

## PRODUCT INFORMATION

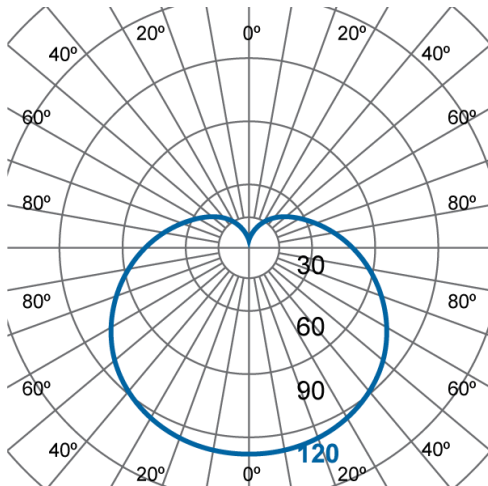
Model No.	MM Code	Cap Base
LG7809dZB+E27	406300/ MM10669	E27
LG7809dZB+B22	406301/ MM10670	B22

## DIMENSIONS & WEIGHT

Model No.	H mm	D mm	Weight g
LG7809dZB+E27	109	60	100
LG7809dZB+B22	109	60	100



## PHOTOMETRIC DIAGRAM



## LOGISTIC INFORMATION

Model No.	Packaging Unit pcs/unit	Outer Box Dimensions			Gross Weight per Outer Box kg
		L mm	W mm	H mm	
LG7809dZB+E27	60	465	465	330	9.82
LG7809dZB+B22	60	465	465	330	9.47



# INGENIUM® ZB Dimming Module



## 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 INGENIUM® ZB gateway (sold separately). It can also be connected directly to the Amazon Echo Plus/ Echo Show/ Echo Studio.
- Output power: maximum 150VA LED load or 300W resistive load.
- Dimming mode: Trailing edge#
- Plug and Play: Easy to install and easy to use. INGENIUM® ZB Dimming Module has a compact dimensional profile and it is compatible with standard switch boxes.

The INGENIUM® ZB Dimming Module is a two-wire phase cut controller# for use with multiple LED dimmable lamps and fixtures. It can easily be installed to replace your wall dimmer and control your home lighting with 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)

# Not compatible with inductive loads.

## Applications

- Residential
- Small business


## Compatibility



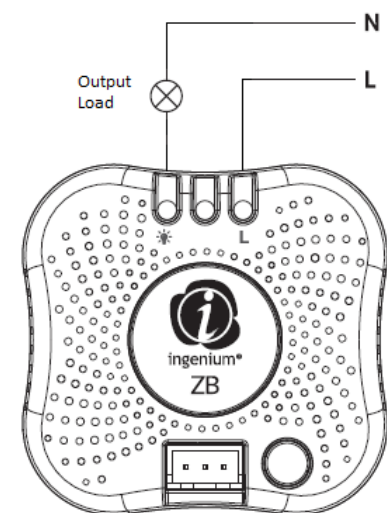
## GENERAL INFORMATION

Input Voltage / Frequency	220-240 VAC 50Hz
Max. Output Power	150VA (LED load) 300W (Resistive load)
Standby Power	< 0.5W
Dimmable	Yes
Dimming Mode	Phase Cut - Trailing edge#
Protocol	Zigbee
Frequency Band	2400 – 2483.5MHz
Starting Time [sec]	< 0.5
Operating temperature	0°C—40°C
Operating humidity	≤ 95%RH
Housing Material	PC 940 (V-0)
Approvals	2014/53/EU, 2014/30/EU, 2014/35/EU, 2012/19/EU, 2011/65/EU, EN 300328, EN 300440, EN 301489, Zigbee Light Link

## PRODUCT WIRING CONNECTION

Wire	Usage
 – Red wire	Output load live wire
L – Brown wire	Mains input live wire
LED indicator	Green colour LED indicator
Push button	To perform device pairing reset
Option connector	For future expansion options

\*Output load neutral connects to mains input neutral.



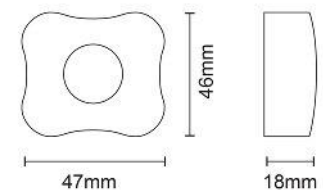
↑ Option Connector ↑  
LED indicator      Push button

## PRODUCT INFORMATION

Model No.	MM Code
ZBM02d	406304/ MM08175

## DIMENSIONS & WEIGHT

Model No.	L mm	W mm	H mm	Weight g
ZBM02d	47	46	18	34



**LOGISTIC INFORMATION**

Model No.	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L mm	W mm	H mm	
ZBM02d	pcs/unit 60	427	322	215	kg 5.7

# INGENIUM® ZB Gateway



Control and monitor from anywhere in the world with the INGENIUM® ZB Gateway\*\*! Simply connect to internet and add wide range of Zigbee products to form a complete smart home system\*\*. The INGENIUM® ZB gateway allows you to monitor and control your entire smart home or small business all through the convenience of your smartphone or tablet.

# Control conventional appliances through the smart plug or relay switch.

\*Subscribe the INGENIUM® Pro service to enjoy this and many other enhancement features.

\*\*The INGENIUM® Pro service need to be subscribed or working through Alexa or Google Assistant App.

## Key Features & Benefits

- Centre of Your Smart Home: Control your lighting and appliances# wirelessly or monitor your property from your smartphone while you are away through the INGENIUM® ZB Smart Home app\*. Set rules and timers to automate the actions of your lighting and appliances.
- Wireless Controlled Lighting System: Works with INGENIUM® ZB, Zigbee smart lighting devices. Simply connect the devices to the INGENIUM® ZB gateway to form a system and you will be able to pick the light colours, changing on/off and brightness, creating your favourite lighting scenes, set timers, and control your system through your smartphone or even through your voice.
- Voice controls: Works with your Amazon Alexa and Google Assistant devices and app.
- Set automated tasks & timers to automate the actions of your lighting and appliances.
- Human centric lighting schedule – Circadian Rhythm according to local time\*
- Set notifications to your smartphone and monitor the activity of your sensors 24/7 while you are away\*.

## Applications

- Residential
- Small business

## Compatibility



## GENERAL INFORMATION

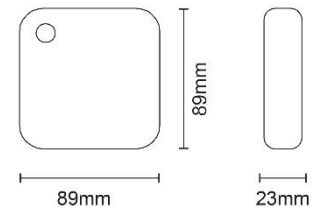
Input Voltage (V)	DC 5V
Input current (A)	1A
Standby Power (W)	< 0.5W
Network	IEEE802.3u 100Base-TX Fast Ethernet
Protocol	Zigbee
Frequency band	2400 – 2483.5 MHz
Max. number of devices	50
Max. number of remote controllers	10
Max. number of sensors	20
Operating humidity	≤ 90%RH
Operating temperature	-10°C—+40°C
Approvals	EN 301498-1, EN 301498-17, EN 300328, EN 62479:2020 EN 55032, EN 55035, EN 55024, EN 61000-3-2, EN 61000-3-3

## PRODUCT INFORMATION

Model No.	MM Code	Power Adaptor
GW601/z1-UK	406314/ MM09587	UK plug
GW601/z1-EU	406315/ MM09452	EU plug

## DIMENSIONS & WEIGHT

Model No.	L	W	H	Weight
	mm	mm	mm	g
<b>GW601/z1-UK</b>	89	89	23	84
<b>GW601/z1-EU</b>	89	89	23	84



## LOGISTIC INFORMATION

Model No.	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L	W	H	
	pcs/unit	mm	mm	mm	kg
<b>GW601/ z1-UK</b>	24	408	345	267	7.17
<b>GW601/ z1-EU</b>	24	408	345	267	7.17

# INGENIUM® ZB Mains Switching Module



## 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 INGENIUM® ZB gateway (sold separately). It can also be connected directly to the Amazon Echo Plus/ Echo Show/ Echo Studio.
- Output power: maximum 300VA LED load or 300W resistive load.
- Plug and Play: Easy to install and easy to use. INGENIUM® ZB Mains Switching Module has a compact dimensional profile and it is compatible with standard switch boxes.

The INGENIUM® ZB Mains Switching Module is a relay switch for use with multiple LED lamps and fixtures. It can easily be installed to replace your wall switch and control your home lighting with 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)

## Applications

- Residential
- Small business


## Compatibility



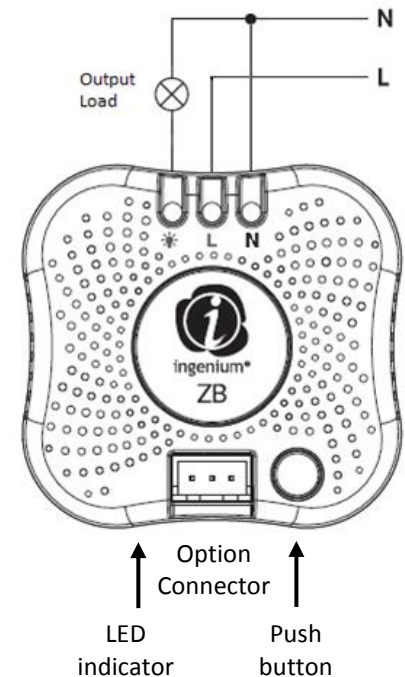
## GENERAL INFORMATION

Input Voltage / Frequency	220-240 VAC 50Hz
Max. Output Power	300VA (LED load) 300W (Resistive load)
Standby Power	< 0.5W
Dimmable	No
Protocol	Zigbee
Frequency Band	2400 – 2483.5MHz
Starting Time [sec]	< 0.5
Operating temperature	0°C—40°C
Operating humidity	≤ 95%RH
Housing Material	PC 940 (V-0)
Approvals	2014/53/EU, 2014/30/EU, 2014/35/EU, 2012/19/EU, 2011/65/EU, EN 300328, EN 300440, EN 301489, Zigbee Light Link

## PRODUCT WIRING CONNECTION

Wire	Usage
 – Red wire	Output load live wire
L – Brown wire	Mains input live wire
N – Blue wire	Mains input neutral wire
LED indicator	Green colour LED indicator
Push button	To perform device pairing reset
Option connector	For future expansion options

\*Output load neutral connects to mains input neutral.

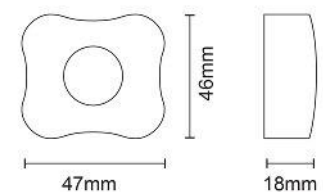


## PRODUCT INFORMATION

Model No.	MM Code
ZBM02sr	406328/ MM08867

## DIMENSIONS & WEIGHT

Model No.	L	W	H	Weight
	mm	mm	mm	g
ZBM02sr	47	46	18	32



**LOGISTIC INFORMATION**

Model No.	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L mm	W mm	H mm	
ZBM02sr	pcs/unit 60	427	322	215	kg 5.7



# INGENIUM® ZB PIR Sensor



The INGENIUM® ZB PIR Sensor offers you energy efficiency at home while safely monitoring your property when you are away#. Simply connect the PIR sensor with a INGENIUM® ZB Gateway and receive smartphone notifications# whenever a presence is detected. Forgot to turn off a light? No problem, INGENIUM® ZB PIR sensor will automatically turn lights off for you if no movement is detected and turn them on for you whenever you enter a room. Keep your home energy efficient and secure at the same time.

# Subscribe the INGENIUM® Pro service to enjoy this and many other enhancement features.

## Key Features & Benefits

- Connects with INGENIUM® ZB or other major Zigbee compatible systems to enable motion detection, lighting automation and home monitoring.
- Hub Integration: Works as a sensor in Amazon Alexa and Google Assistant when combined with INGENIUM® ZB gateway (sold separately). It can also be connected directly to the Amazon Echo Plus/ Echo Show/ Echo Studio and other ZigBee systems such as Samsung SmartThings.
- Wide detection range: Detects motion within 8 meters range and detection angle of 120° horizontal and 60° vertical.
- Installation free: Simple and no wiring needed. It can be placed on any surface or attached on a wall with its 120° rotatable bracket to target on any area you want.
- PIR Sensor can be connected to your gateway to automatically switch your lighting on when someone enters a room, and off when someone leaves the room.
- Notification#: A sensor will send notification straight to your smartphone when a motion is detected.
- Long-lasting operation: Up to 1-year battery life will keep it monitoring your home for a long time to come.

## Applications

- Residential
- Small business

## Compatibility



## GENERAL INFORMATION

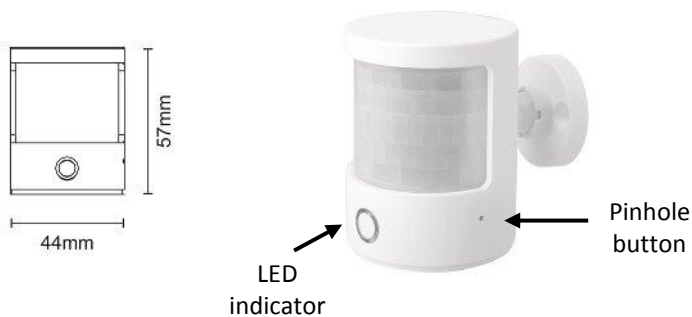
Input Voltage	1.5VDC AAA battery 2pcs (included)
Battery Life	Up to 1 year
Detection Range	8 m
Detection Angle	120° horizontal 60° vertical
Night mode (IR)	Yes
Protocol	Zigbee
Frequency Band	2400 – 2483.5MHz
Operating temperature	-10°C—55°C
Operating humidity	≤ 90%RH
Housing Material	Polycarbonate (PC) & ABS
IP Grade	IP40
Approvals	2014/53/EU, 2014/30/EU, 2014/35/EU, 2012/19/EU, 2011/65/EU, EN 300328, EN 300440, EN 301489, EN 62479 Zigbee Home Automation

## PRODUCT INFORMATION

Model No.	MM Code
PS601/z1	406324/ MM08866

## DIMENSIONS & WEIGHT

Model No.	H mm	D mm	Weight g
PS601/z1	57	44	60



## LOGISTIC INFORMATION

Model No.	Packaging Unit pcs/unit	Outer Box Dimensions			Gross Weight per Outer Box kg
		L mm	W mm	H mm	
PS601/z1	60	427	322	300	8.9

# 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 INGENIUM® 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°C	>20000 hrs
Operating temperature	-20°C—40°C
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

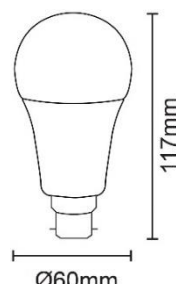
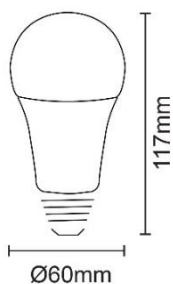
\*Not Compatible with Wall Dimmers

## PRODUCT INFORMATION

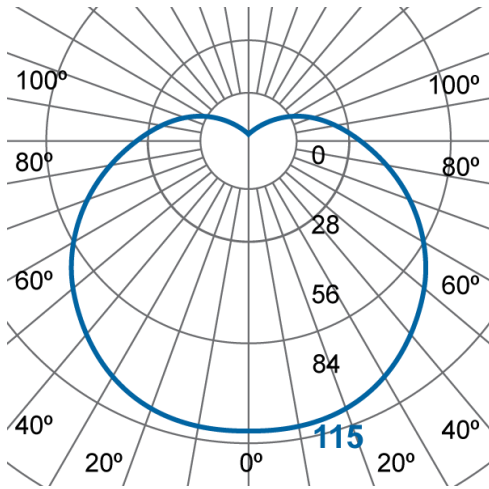
Model No.	MM Code	Cap Base
LG216090/dm/ec/z1-OPv00+E27	406338/ MM09989	E27
LG216090/dm/ec/z1-OPv00+B22	406334/ MM09988	B22

## DIMENSIONS & WEIGHT

Model No.	H	D	Weight
	mm	mm	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 mm	W mm	H mm	
LG216090/dm/ec/z1-OPv00+E27	pcs/unit	470	470	330	kg
LG216090/dm/ec/z1-OPv00+B22	60	470	470	330	11.42
	60	470	470	330	11.57

# INGENIUM® ZB Scene Controller



The INGENIUM® ZB Scene Controller is a flexible and user-friendly device to control your smart lighting, including brightness and scenes settings, without using a smartphone or tablet. Its magnetic bracket can easily be attached to a wall or other surfaces, and the controller can be taken out from the bracket to use individually.

## Key Features & Benefits

- **Simple Design:** This handy controller is detachable from its magnetic wall mount bracket and can be carried to operate anywhere in the room. It is preconfigured with one ON/OFF button and three Scene buttons to set up controls for simple lighting systems.
- **Hub Integration:** Use INGENIUM® ZB gateway to unlock the full potential of INGENIUM® ZB Scene Controller. Customize its four buttons through the INGENIUM® ZB mobile app, to access different controls functions including your favourite lighting scenes to suit your moods or other needs.
- **Installation free:** No wiring required. An easy and conventional way to control your smart home in a familiar wall switch as well as a remote controller form.
- **Compatibility:** Compatible with INGENIUM® ZB gateway, controlling lights and smart plugs.
- **Long-lasting operation:** The CR2025 battery included supports up to 1 year of normal operation.

## Applications

- Residential
- Small business

## Compatibility



## GENERAL INFORMATION

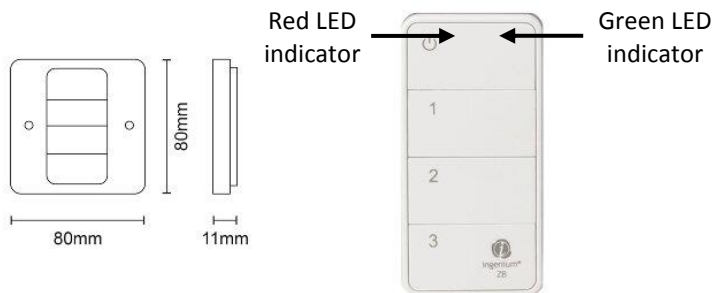
Input Voltage	3VDC CR2025 1pc (included)
Battery Life	Up to 1 year
No. of devices to control	Up to 20 devices
Protocol	Zigbee
Frequency Band	2400 – 2483.5MHz
Operating temperature	-10°C—55°C
Operating humidity	≤ 90%RH
Housing Material	Polycarbonate (PC)
IP Grade	IP40
Approvals	2014/53/EU, 2014/30/EU, 2014/35/EU, 2012/19/EU, 2011/65/EU, EN 300328, EN 300440, EN 301489, Zigbee Light Link

## PRODUCT INFORMATION

Model No.	MM Code
WC601/z1	406326/ MM08868

## DIMENSIONS & WEIGHT

Model No.	L	W	H	Weight
	mm	mm	mm	g
WC601/z1	80	80	11	70



## LOGISTIC INFORMATION

Model No.	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L	W	H	
	pcs/unit	mm	mm	mm	kg
WC601/z1	60	517	320	385	9.3