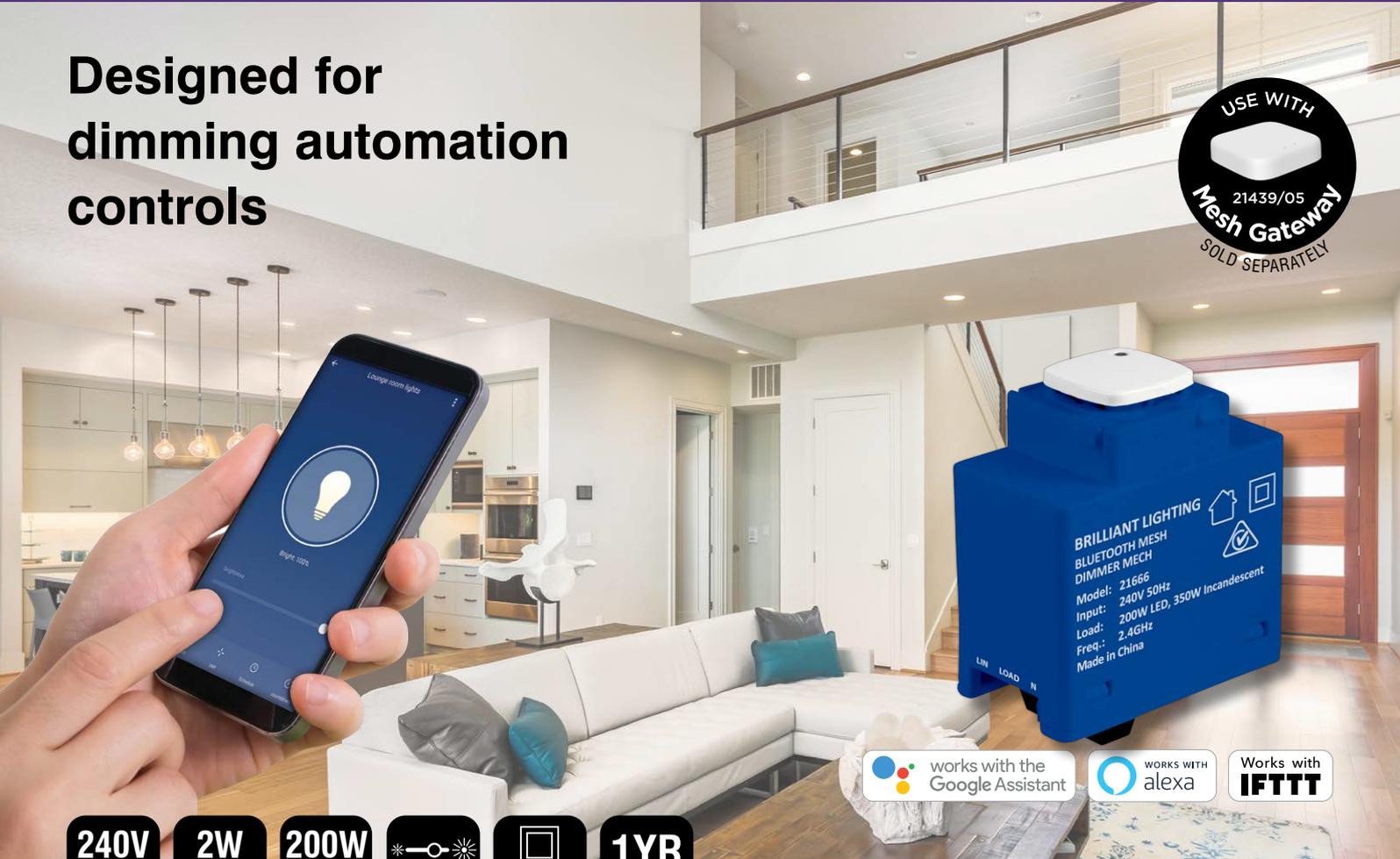




# SMART BLUETOOTH MESH DIMMER MECH

## BLUETOOTH MESH NETWORK

Designed for dimming automation controls



Bluetooth mesh is a many to many broadcast structure that allows you to connect devices using a Bluetooth network that can communicate with each other to form the mesh network. Smart push button lighting dimmer that allows remote operation from anywhere.

- Make your dimmable lights smart by converting your current dimmer to our Bluetooth® Mesh smart dimming module
- Fits conveniently into the existing switch plate, including HPM®, Clipsal® and Vynco®
- Trailing edge dimmer suitable for most LED lighting products
- Build schedules and timing to automate your lighting
- Create virtual automation looping without installing long cable runs\*
- Programmable minimum and maximum brightness level to avoid light flickering
- Incorporates on/off switching and dimming control into one mechanism
- Soft start for improved lamp life
- Connects to other BrilliantSmart devices and other compatible products
- Overheat and over-current protection
- Manual push button is in perfect sync with app
- Each mesh device provides extended connection range.
- Eliminates network blackspots.
- Control locally via Bluetooth on your phone or tablet or add a Mesh Gateway for greater functionality and automation.

### APPLICATIONS

- Large scale applications to reduce the load on your WiFi.
- Complete home retrofit or new builds.
- Two-way switching for new installations using automations
- Group lights, so they can be switched on or off at the one time
- Office & meeting room, supermarket, retailer shops.





# SMART BLUETOOTH MESH DIMMER MECH

## BLUETOOTH MESH NETWORK

### TECHNICAL SPECIFICATIONS

<b>Dim Method:</b>	Trailing edge
<b>Advanced settings:</b>	Programmable minimum and maximum dimming level Selectable load type
<b>Operating Voltage:</b>	240V / 50Hz
<b>Class:</b>	Class II (2)
<b>Maximum Load:</b>	200W LED / 350W incandescent
<b>Minimum Load:</b>	2W or 0.33 $\mu$ F X2 capacitor
<b>Operating Temperature:</b>	10°C - 30°C
<b>Protection Type:</b>	Over heat & over current
<b>Control Type:</b>	Push button / BrilliantSmart app Soft start for improved lamp life
<b>Connection Terminals:</b>	3 x 3mm diameter (7mm <sup>2</sup> ) screw
<b>Material:</b>	Flame retardant ABS for housing
<b>LED Indicator:</b>	Blue
<b>Plate Compatibility:</b>	Slots seamlessly into HPM <sup>®</sup> , Clipsal <sup>®</sup> and Vynco <sup>®</sup> branded wall plates with multiple button head shapes (series 30 type)
<b>Warranty:</b>	1 year replacement
<b>Connectivity:</b>	Bluetooth 4.2
<b>Device Requirements:</b>	iOS 8.0 or higher, Android 4.1 or higher
<b>Standards:</b>	AS/NZS 60669-2-1 IEC 60669-1

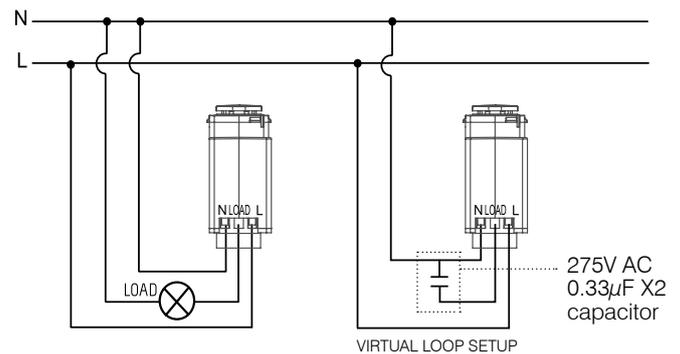
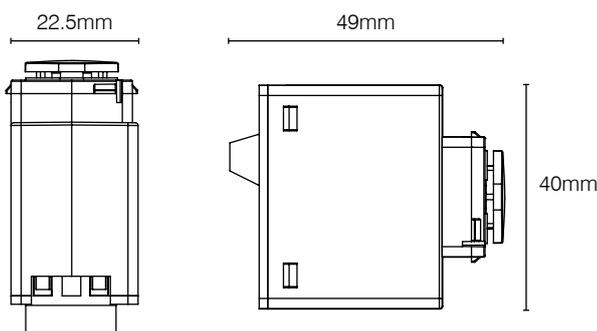
### INSTALLATION

Must be installed by a licensed electrician

### ACCESSORIES

sold separately

Mesh Gateway 21439/05 white



	MODEL	COLOUR	DESCRIPTION	BOX SIZE	GROSS WEIGHT	BOX QTY	BARCODE/TUN
<b>RETAIL BOX</b>	21666	Blue w/ white button	Smart Bluetooth Mesh Dimmer Mech	W70 x H110 x D30 mm	0.05 kg	1 pc	 9 312641 216667 >
<b>INNER CTN</b>	21666	Blue w/ white button	Smart Bluetooth Mesh Dimmer Mech SRT	W150 x H65 x D165 mm	0.45 kg	10 pc	 9 312641 217176 >
<b>OUTER CTN</b>	21666	Blue w/ white button	Smart Bluetooth Mesh Dimmer Mech	W320 x H85 x D180 mm	1.30 kg	200 pc	 29312641216661