![blueMesh logo]

FEATURES

▪ CCT wall remote based on Bluetooth® Mesh network.

▪ Self-powered wall remote, no battery replacement or re-installation costs.

▪ Standard size, compatible with standard wallbox and existing US size frame. Compatible with Above All Lighting drivers and Bluemesh Industrial controllers and sensors.

▪ 2.4 GHz global operation.

PRODUCT DESCRIPTION

The BMWS-R-D-SP-4BT-BLE-SR-WH is a self-powered switch that converts the mechanical energy generated from button presses into electrical energy for operation. Each press on a button generates a Bluetooth signal that sends data packets to the associated BlueMesh network. It can be used to control individual luminaires, luminaire groups, all luminaires in a network, elements, scenes, animations and color temperature.

Smart Control
The Bluetooth® mesh network extends range to 98 ft(30m) by relaying signals between devices, ensuring reliable coverage in large spaces. Quick commissioning via mobile app for effortless grouping and scene customization.

Versatile Control
Supports on/off and 0.1%-100% dimming, offering flexible adjustments for lighting systems.

Universal Mounting
Fits standard US wallboxes and frames for seamless retrofitting into existing installations.
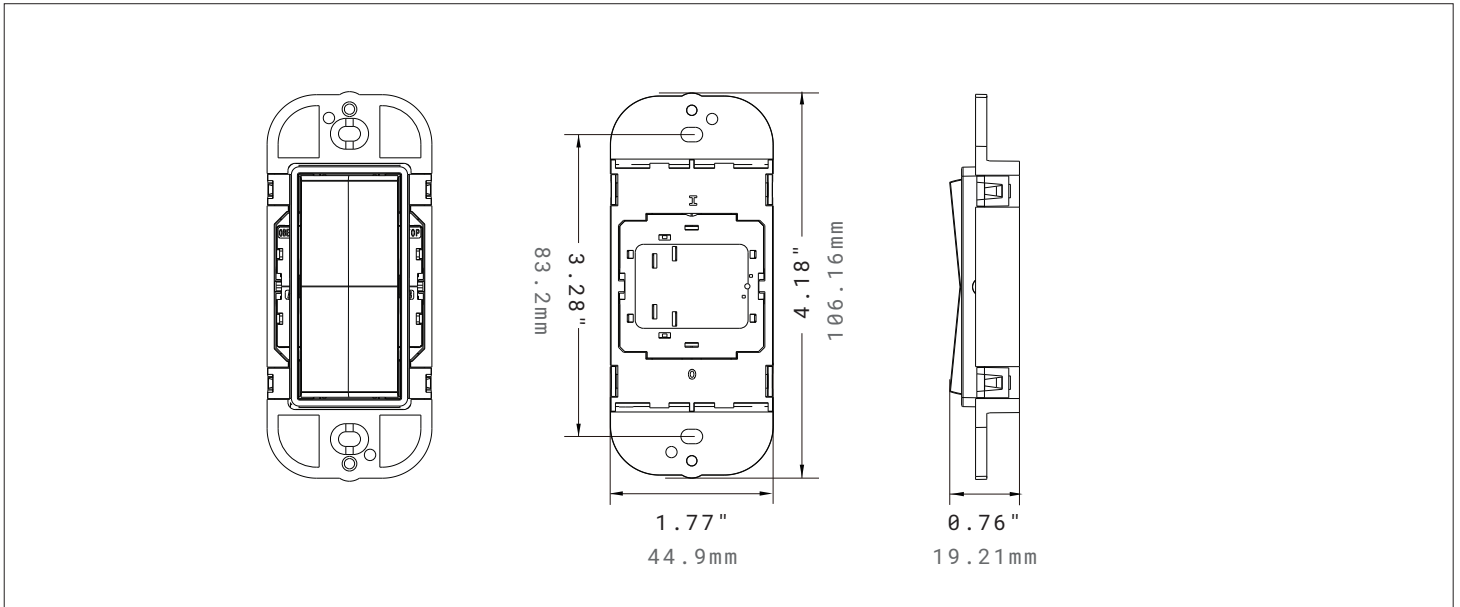
Ultra-Long Lifespan
Supports over 100,000 operational presses, delivering durable performance for long-term use.
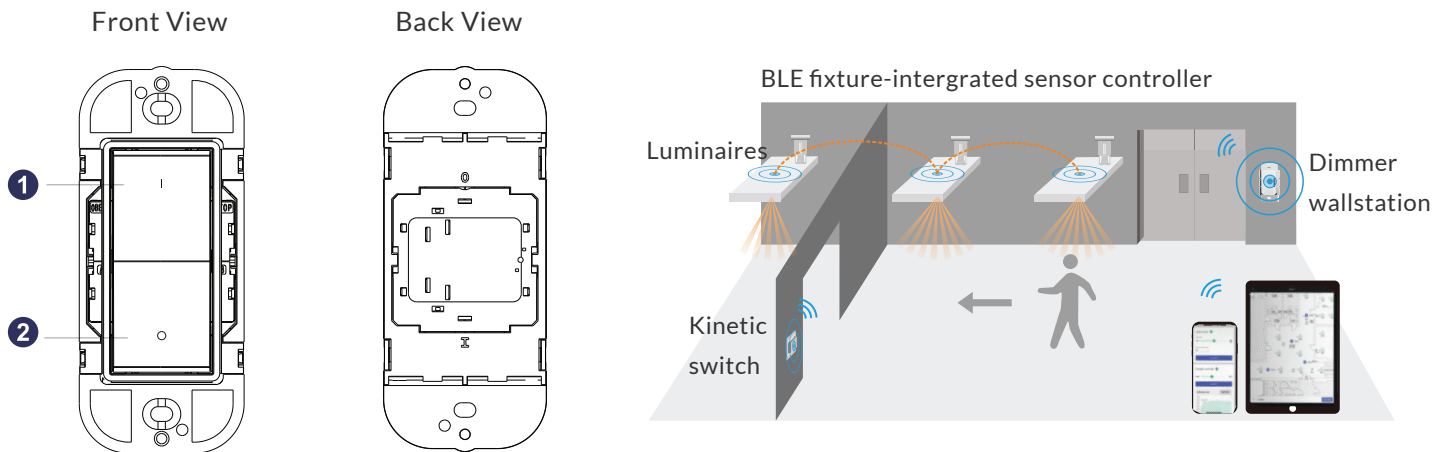
Self-Powered Design
No batteries or wiring needed, reducing maintenance costs and ensuring uninterrupted operation.

ORDERING INFORMATION

Description
BLE Kinetic Push Button Switch
Part Number
BMWS-R-D-SP-4BT-BLE-SR-WH

TECHNICAL DATA

Type	Push Button Switch
Power Supply	Self-powered, no battery required
Transmission Frequency	2.4 GHz
Transmission Range	Min. 98ft/30m (free field)
Wireless Protocol	Bluetooth® mesh
Dimming Range	0.1%–100%
Certifications	FCC certified
IP Rating	20
Dimensions	1.77 x 4.18 x 0.76in
	44.9 x 106.2 x 19.2mm
Antenna	Onboard

DIMENSIONS

3.28"
83.2mm

4.18"
106.16mm

1.77"
44.9mm

0.76"
19.21mm

INSTALLATION

Front View   Back View

BLE fixture-intergrated sensor controller
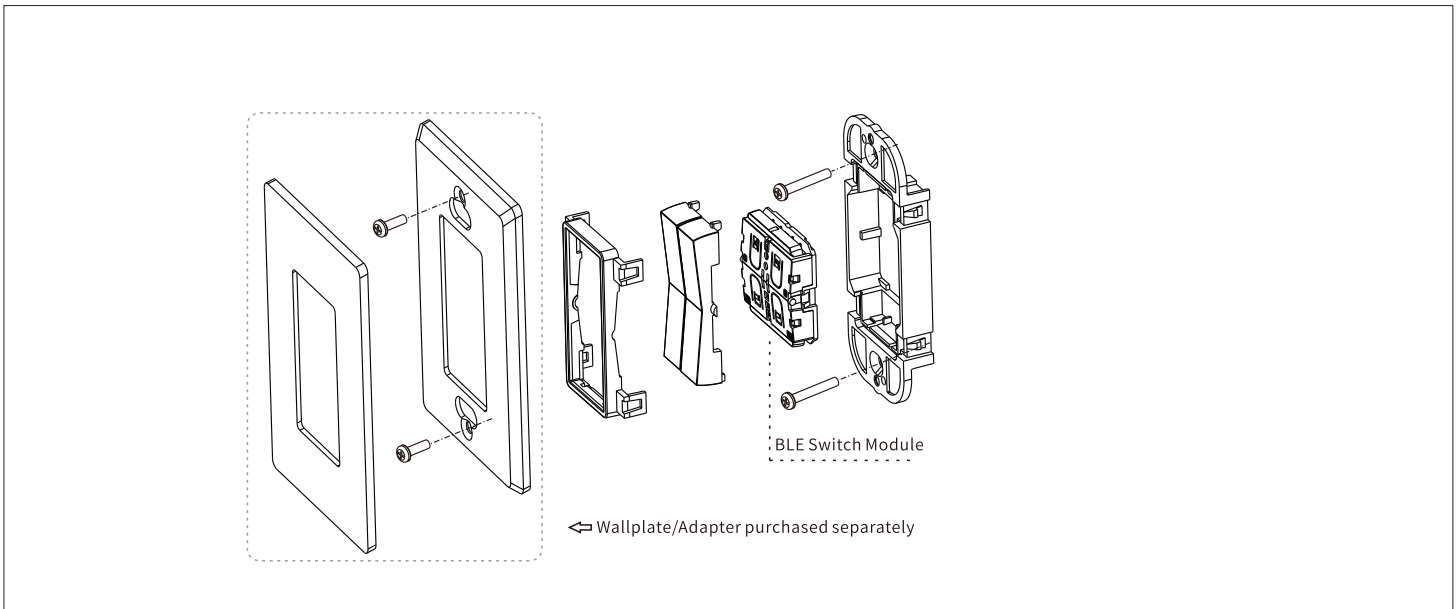
Luminaires

Dimmer wallstation

Kinetic switch

1 Click to turn on, press and hold down to increase light intensity.
2 Click to turn off, press and hold down to decrease light intensity.
3 CW button: click to recall the scene, press and hold to increase CCT (cool white).
4 WW button: click to recall the scene, press and hold to decrease CCT (warm white).
NOTE: In order for switches to operate as described above, our BLE Switch Module should be mounted with the "I" label above the "O" label.
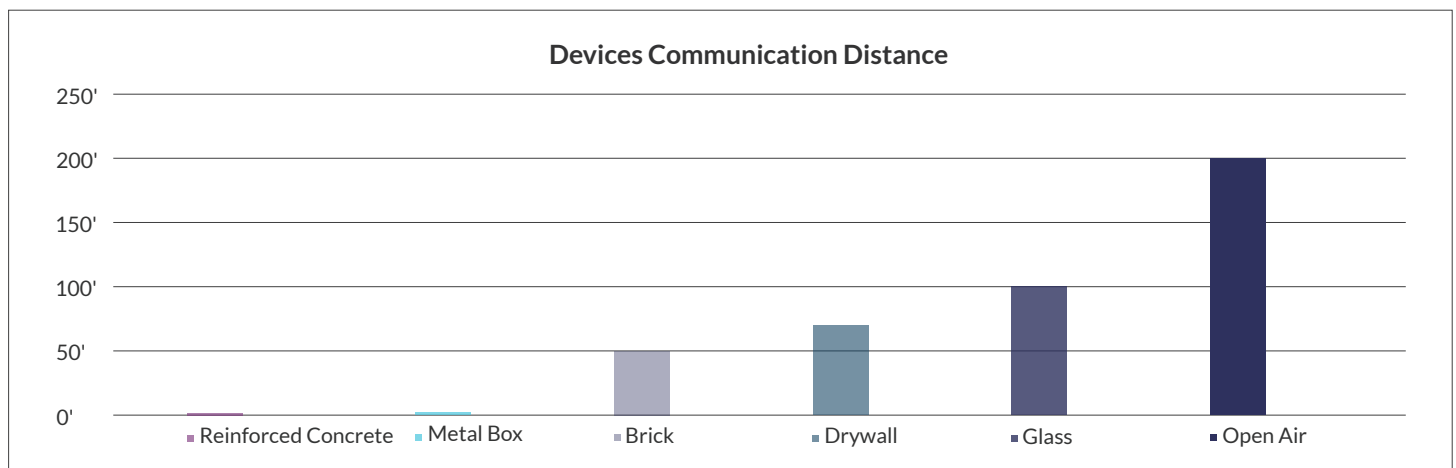
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BLE Switch Module

⇦ Wallplate/Adapter purchased separately

WARNING

- DO NOT expose the device to moisture.

OPERATION

- Refer to "BlueMesh Commissioning User Manual" for further pairing, grouping, scene settings.

- To reset, press and hold down the"Reset"button on the controller over 5 seconds until the indicator flashes.

Devices Communication Distance

250'	
200'	
150'	
100'	
50'	
0'	

■ Reinforced Concrete   ■ Metal Box   ■ Brick   ■ Drywall   ■ Glass   ■ Open Air

WARRANTY

5 years limited warranty.