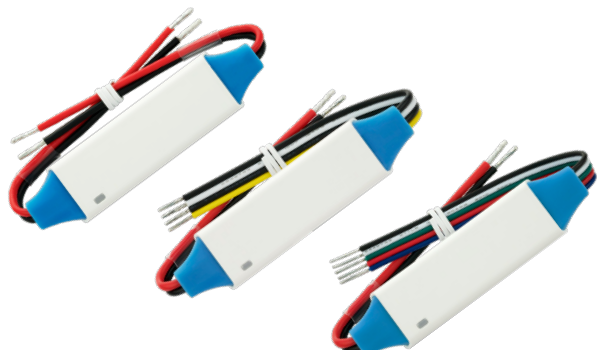


BLE MESH Series



BLUETOOTH SMART PHONE CONTROLLER



Key Features:

- BLE Bluetooth low energy MESH network
- Remote LED Dimming Controllers
- Full Version Bluetooth Compatible
- Supported by iOS or Android device
 - Light MESH app
- Ultra slim design
- Full Protection and Waterproof Option
- Flicker Free Adjustable
- 15 metre transmission distance (Open Area)

BLE SPECIFICATION

Part Code	BLE-15A	BLE-15A-CCT	BLE-15A-RGBW
Voltage	6 ~ 24VDC	6 ~ 24VDC	6 ~ 24VDC
Rated Output Current	1 x 15A	2 x 7A	3 x 3A +5A (white)
Smartphone Connection	Smartphones supporting Bluetooth 4.0 and above		
Smartphone App Name	Light Mesh (iOS & Android)		
RF Band	ISM 2.4GHz	ISM 2.4GHz	ISM 2.4GHz
Wireless Transmission Power	<7dBm	<7dBm	<7dBm
Maximum pieces on a single network	255	255	255
PWM Output Grade	4000 levels	4000 levels	4000 levels
PWM Frequency	1KHz default (1K-8K available)		
Protection	Reverse Polarity, Overload, Short Circuit, Thermal		
Working Temperature	-30° ~ +60° C	-30° ~ +60° C	-30° ~ +60° C
IP Rating	IP63	IP63	IP63
Dimming Control	0 ~ 100% with gamma correction		
RGB Static Colour	-	-	Each colour 0~100% with gamma correction
Dynamic Modes	8 modes	-	-
RGB Dynamic Modes			42 Modes
Colour Temperature Level	7 Levels		
Dynamic Speed Levels	0~99 Levels		0~99 Levels
Failsafe Memory Function	Included	Included	Included
Input Cables	120mm long 16AWG Red / Black		
Output Cables	120mm long 16AWG Red / Black	120mm long 18AWG Yellow/Black/White/Black	120mm long 20AWG Blue/Red/Green/White/Black
Weight	22g	22g	23g
Dimensions	87 x 21 x 8.5mm	87 x 21 x 8.5mm	87 x 21 x 8.5mm



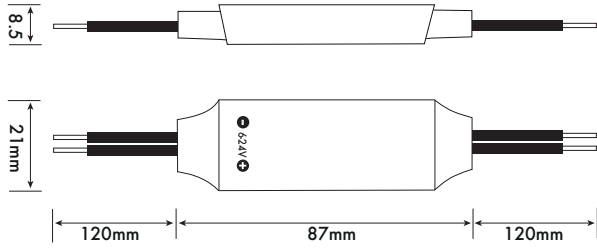


BLE MESH Series

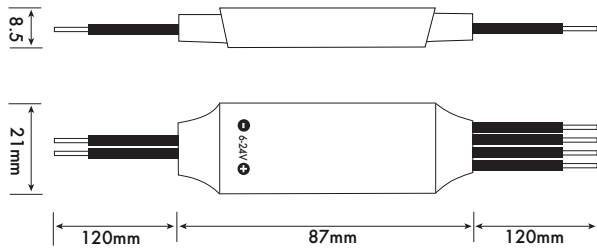
BLUETOOTH SMART PHONE CONTROLLER

Mechanical Diagrams

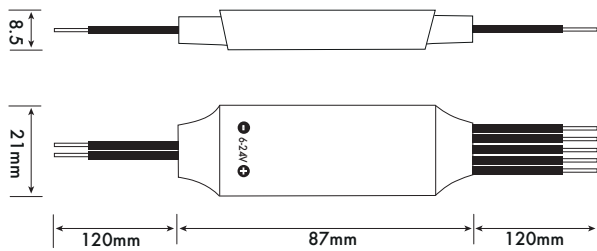
BLE-15A



BLE-15A-CCT



BLE-15A-RGBW



PowerLed
Orion House
Calleva Park
Aldermaston
Berkshire
RG7 8SN

Contact:
Tel: 0118 9703856
enquiries@powerled.uk.com
www.powerled.uk.com

