



BMWC-L104S-1-BLE-KL-CCT



BMWC-L104S-1-BLE-KL



BMWC-L104S-1-BLE-KL-B1



Description

The BMWC-L104S Series Bluetooth zone controllers feature a 20A relay for controlling higher capacity loads than standard fixture controllers. Available in two configurations, the BMWC-L104S-1-BLE-KL model incorporates a 0-10V push-in port enabling dimming control for up to 48.5mA current sinking, and the .B1 model utilizes an BM-RJ45-C connector port for integration with ECO-Sensor products. The BMWC-L104S supports switching of up to 20A plug loads and 1HP motor loads.

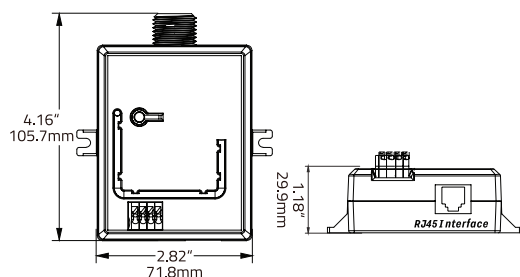
FEATURES

- 120-277VAC Input
- Integrated 20A relay
- Output power up to 2,400W(120VAC), 5,540W(277VAC)
- UL Plenum Rated
- 1 HP motor load rated
- Dual-Channel CCT (BMWC-L104S-1-BLE-KL-B1/BMWC-L104S-1-BLE-KL-CCT)

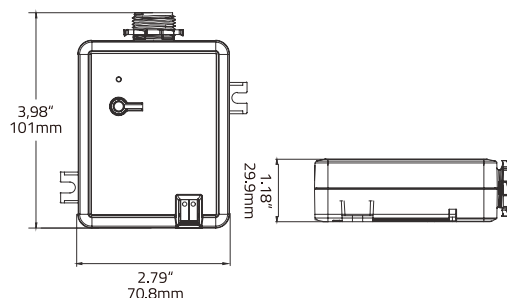
PHYSICAL DIMENSIONS

Unit:inch/mm

BMWC-L104S-1-BLE-KL-CCT



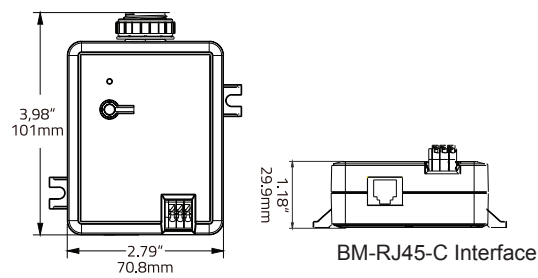
BMWC-L104S-1-BLE-KL



TECHNICAL DATA

Input Voltage: AC120-277V
 Frequency: 50/60Hz
 Input Current: 20A Max
 Input Power: 2400W Max @ 120V, 5540W Max @ 277V
 Output Voltage: AC120-277V
 Output Current: 20A Max
 Output Power: 2400W Max @ 120V, 5540W Max @ 277V
 Dimming: Class 2, 0-10V DC 10mA Max
 Sinking Current: 48.5mA Max
 Bluetooth Transmit: 200ft Max
 Radio Frequency: 2.4GHz ± 75MHz
 Bluetooth Version: 5.0
 Housing Material: UL 94-5VA
 Indoor/Outdoor: Use Indoor Use Only
 Operating Temperature: -30°C to 55°C, -22°F to 131°F
 Storage Temperature: -30°C to 85°C, -22°F to 185°F
 IP Rating: IP20
 Color: White
 Warranty: 5 year warranty
 Compliance: UL, RoHS, DLC, FCC

BMWC-L104S-1-BLE-KL-B1



1/2inch US standard knockout

AMERICAN INCH PRODUCTS		
Size	T.P.I	Major Dia.
	inch	inch
R1/2	14	0.825

ORDERING INFORMATION

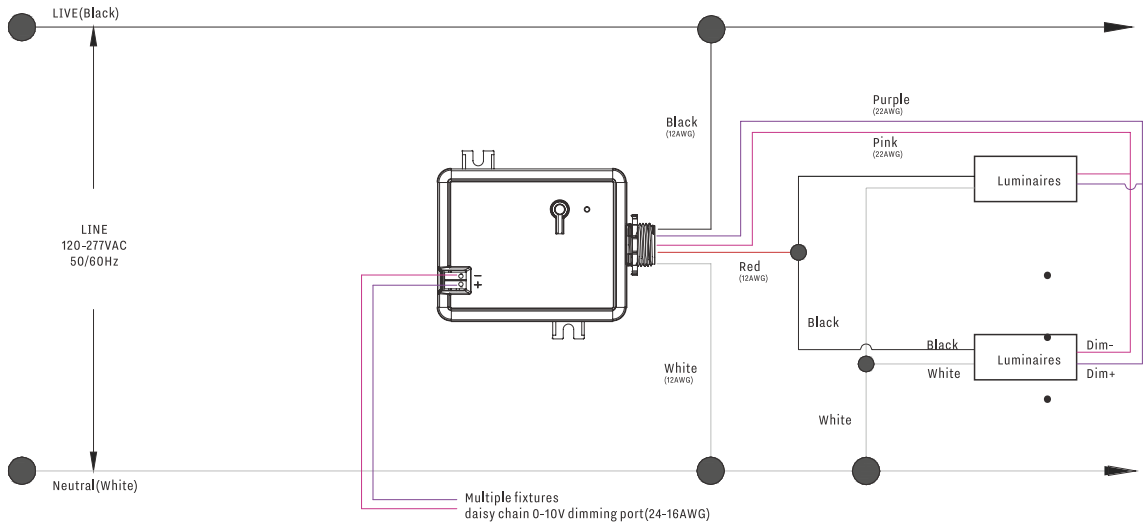
MODEL	DESCRIPTION
BMWC-L104S-1-BLE-KL-CCT	Bluetooth Zone Controller with External Dual-Channel CCT, 120-277V 20A With Sensor Port (requires RTP), 5.0 BLE
BMWC-L104S-1-BLE-KL	Bluetooth Zone Controller 120-277V 20A, 4.2 BLE
BMWC-L104S-1-BLE-KL-B1	Bluetooth Zone Controller with Dual-Channel CCT 120-277V 20A With Sensor Port (requires RTP), 5.0 BLE

Ordering Information - Accessories

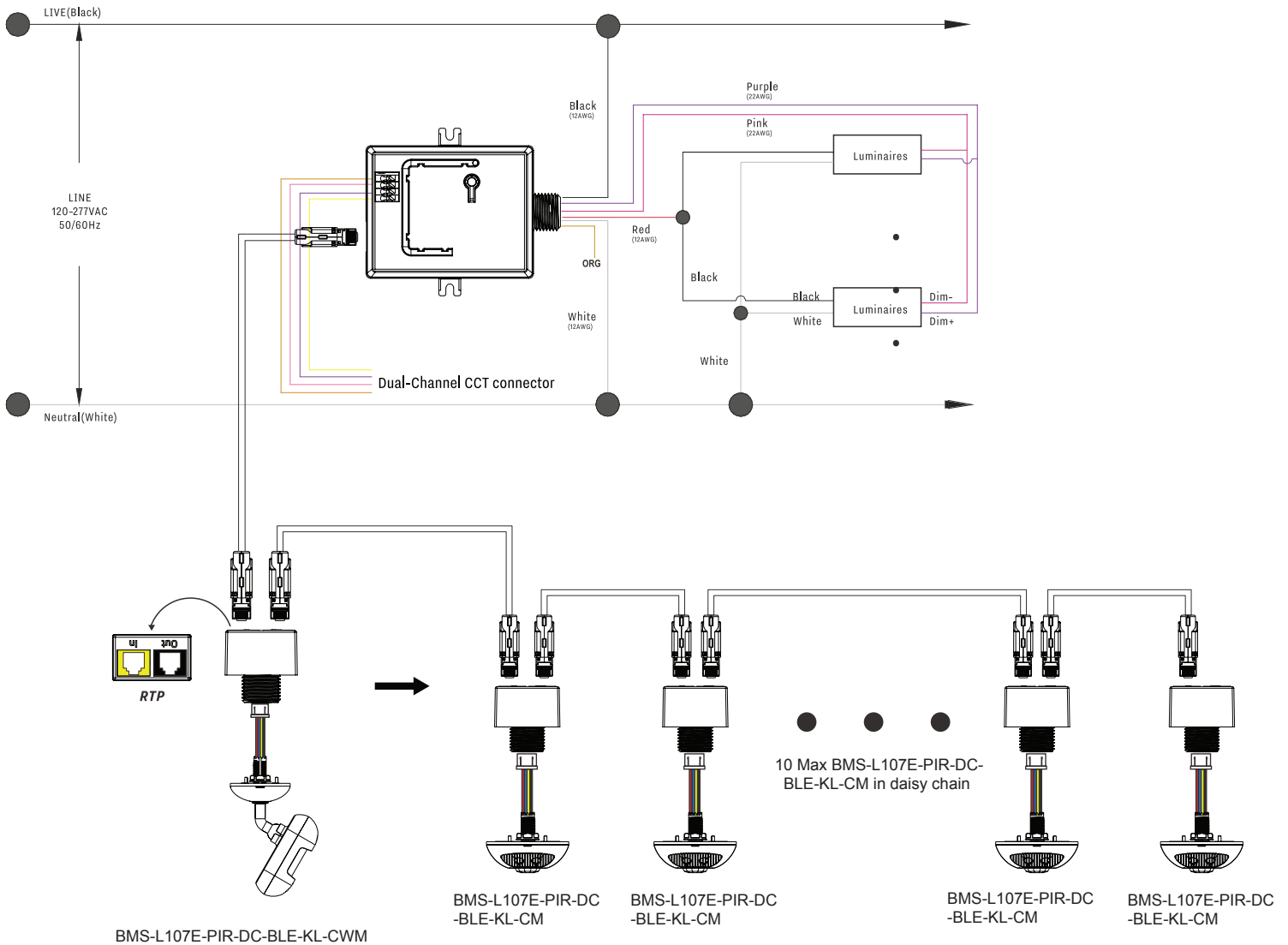
Model	Description	Works with	Mounting Height Range
BMS-L107E-PIR-DC-BLE-KL-CM	Low-Voltage Ceiling Dual-Tech Sensor	BMWC-L104S-1-BLE-KL-B1 /BMWC-L104S-1-BLE-KL-CCT	8-12'
BMS-L107E-PIR-DC-BLE-KL-CWM	Low-Voltage Wall/Ceiling Dual-Tech Sensor		Varies
BM-RTP	Converter from BM-RJ45-C to PH2.0 connector (supports daisy chaining of devices)		N/A

WIRING DIAGRAM

BMWC-L104S-1-BLE-KL

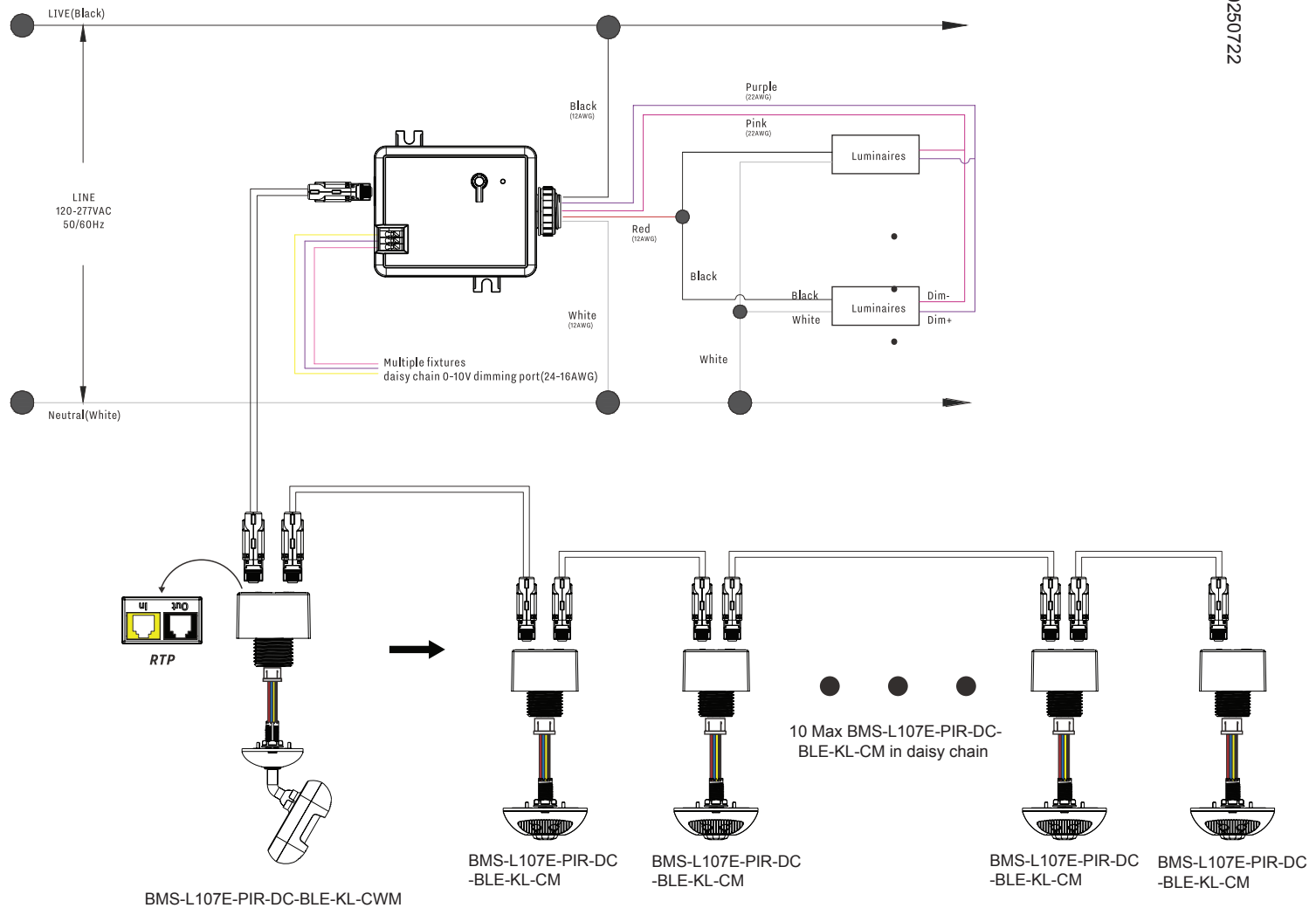


BMWC-L104S-1-BLE-KL-CCT



BMWC-L104S-D-1-BLE-KL-B1

Ref#: 20250722



WARRANTY

Five year limited warranty.

Specifications subject to change without notice.