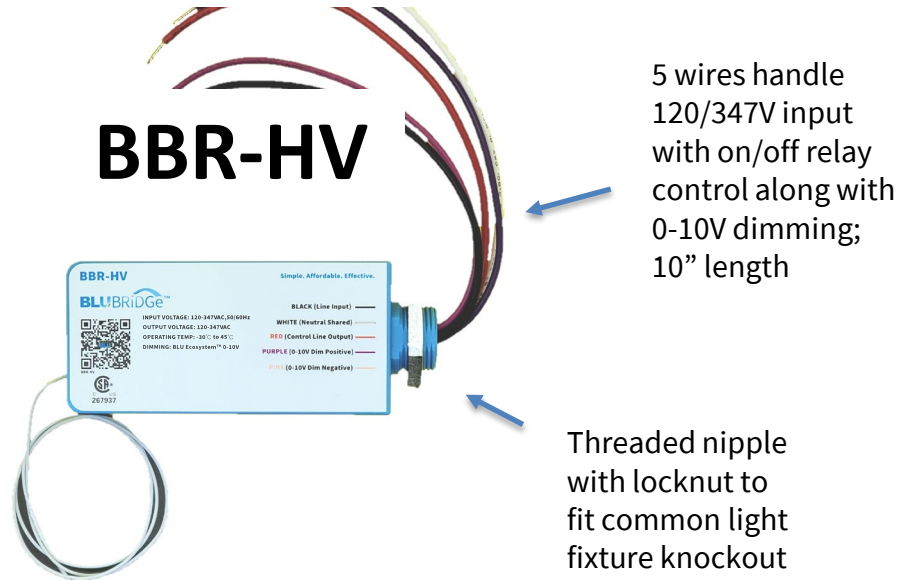


BBR-HV High Voltage Controller

LED drivers with 0-10V dim-to-low circuit
Lights supplied pre-2021



24" wireless antenna. Minimum 0.5" must be outside of all metal enclosures

Reset button returns to default software settings.

Status LED indicates when controller in communications

Sensor 5-pin plug-in port



DESCRIPTION

The BLU BRIDGE™ BBR-HV 120/347V universal high voltage controller is a wireless control device that can be used with older dim-to-low style LED drivers. It features a sturdy polycarbonate housing with magnetic backing for easy placement within wiring channels. Convenient threaded nipple with locknut fits standard fixture 7/8" knockouts to allow for external mounting to the fixture electrical junction box or wiring channel. The BBR-HV has 2 x 18 AWG input wires for building line voltage and a single 18 AWG relay-controlled output wire to switch the LED on and off. The remaining 2x 18 AWG wires are used to control the LED driver 0-10V DC dimming circuit. A 2 FT wireless antenna is provided. At least 0.5 inch should remain outside of metal enclosures. A 12V DC receptacle is offered for motion/daylight sensor plug-in.

A Reset button is offered to return the BBR-HV to default software settings. The LED Status indicator light will turn on when the BBR-HV is receiving and sending wireless information. BBR-HV controlled lights may be programmed using the SMART BLU™ CLOUD App.

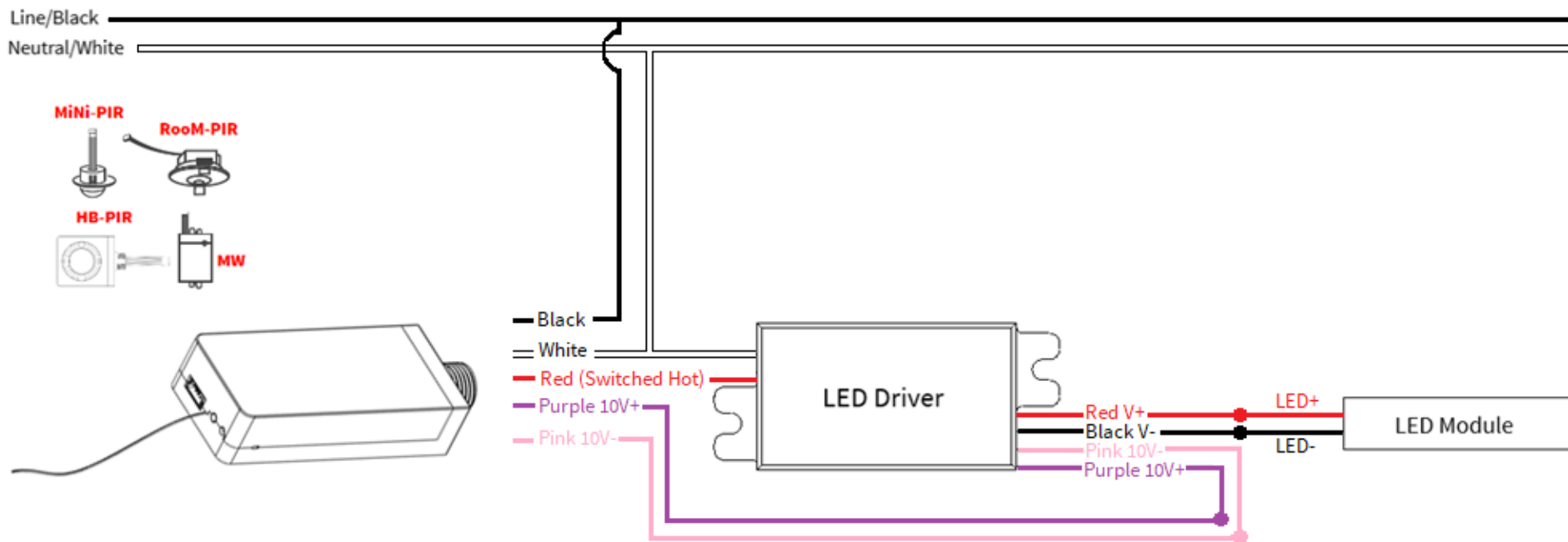
SPECIFICATIONS

Injection Moulded Housing	Polycarbonate
Fire Rating	UL94 5VA
Safety Rating	cCSA _{UL}
Input Voltage & Power	120-347V AC, 50/60Hz, 720-865W
Input Current / Output Current	6A@120V / 2.5A@277V / 2.5A@347V
Output Voltage	120-347V AC, 50/60Hz
Operating Temperature	-30°C to 45°C
2 Input Wires & 3 Output Wires	UL1015 600V 18AWG
Max Wire Length to Furthest Driver	> 100 ft
0-10V Circuit Maximum Current	50 mA
Wireless Antenna Length	2 FT
Dimensions	4.1" L x 2" W x 1.2" D
Warranty	5 Years

Visit www.blu-ecosystem.com for more information.

SIMPLE. AFFORDABLE. EFFECTIVE.

BBR-HV High Voltage Controller



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