

BBR-RP Reverse Phase Controller DESCRIPTION

Line Voltage LED drivers without LV dimming circuits.
Downlights, Track, Wall Sconces, Architectural

BBR-RP



2 wires handle 120/277V input with 1 wire controlled output

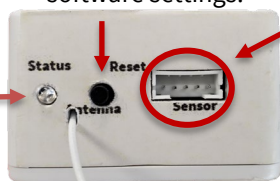
Threaded nipple with locknut to fit common light fixture knockout

24" wireless antenna; minimum 0.5" must be outside of all metal enclosures

Reset button returns to default software settings.

Sensor plug-in port

Status LED indicates when controller in communications

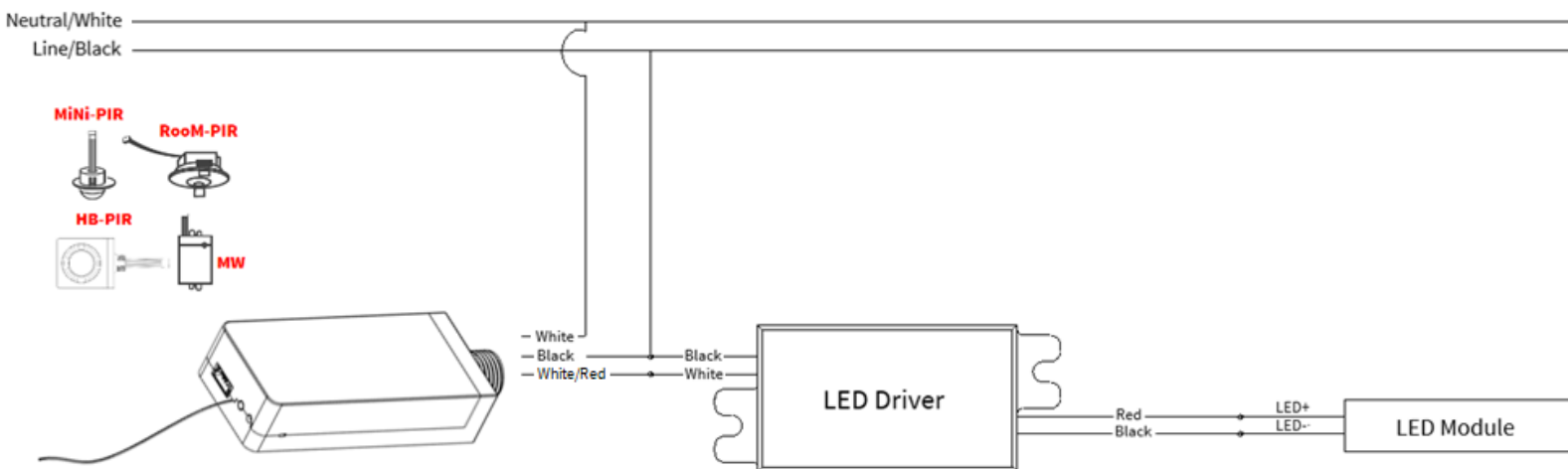


The BLU BRiDGe™ BBR-RP 120/277V line voltage controller is a wireless control device that can be used with line voltage dimmable LED drivers. It features a sturdy polycarbonate housing with magnetic backing for easy placement within wiring channels. Convenient threaded nipple with locknut fits standard fixture 7/8" knockouts to allow for external mounting to the fixture electrical junction box or wiring channel. The BBR-RP has 2 x 18 AWG input wires for building line voltage and a single 18 AWG relay-controlled output wire to dim LED driver. A 2FT 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-RP to default software settings. The LED Status indicator light will turn on when the BBR-RP 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 Power	120/277V 1A
2 Input Wires & 1 Output Wires	UL1015 600V 18AWG
Max Wire Length	2FT
Max Drivers Controlled	Limited by Amperage
Wireless Antenna Length	2 FT
Sensor Plug-in Port Rating	12V DC 50mA
Dimensions	3" L x 1.8" W x 0.875" D
Warranty	5 Years



Note that the Line/Black is shared between BBR-RP and the LED Driver.
Dimming control occurs via White/Red connecting to LED Driver White.

Typical Wiring Schematics for 120/277V Line Voltage Reverse Phase Controller

1. BBR-RP per Light with single motion/daylight sensor:

