



# CTBRCB02JM02

INSTALLATION INSTRUCTIONS



## IMPORTANT SAFETY INSTRUCTIONS

When using electrical equipment and this lighting device basic safety precautions should be followed at all times including but not limited to the following :

## PLEASE READ CAREFULLY AND FOLLOW ALL INSTRUCTIONS FOR YOUR OWN SAFETY

- This device is designed for use in fixtures listed for **dry, damp and wet locations**.
- **CAUTION:** Make sure all electrical connections conform to the National Electrical Code and all applicable local regulations
- **CAUTION:** Do not let power supply cords touch hot surfaces.
- **CAUTION:** Do not mount near gas or electric heaters.
- **CAUTION:** Equipment should be mounted in locations and heights where it will not readily be subject to tampering by unauthorized personnel.

## ASSEMBLY AND FIELD INSTALLATION WIRING:

- **WARNING:** AC power must be off before proceeding with assembly, installation or servicing of driver.

## ELECTRICAL SPECIFICATIONS

Input Voltage / Frequency	120 - 277VAC (+/-10%) 50-60Hz
Input Current	5A Max.
Input Power	600W (Max.)
Standby Power	<1W
Maximum Load	Max. 600W @ 120 - 277VAC
RFI / EMI	FCC Part 15A Non-Consumer, EN 55015
RF Communication Type	2.4GHz Bluetooth Mesh
Input Surge Protection	Line-Neutral 6kV
Transmission Range	160ft (50m)
Dimming Control Type	Bluetooth Mesh (Sig Compliant)
Potting / Degree of Fill	Yes / Full



Fulham EliteBlue



Fulham's EliteBlue commissioning app can be found on the Apple app store by searching "EliteBlue".  
 For web app, please visit <https://eliteblue.fulham.com>  
 Complete commissioning manual can be found at:  
<https://www.fulham.com/PDFs/eliteBlue-commissioning-manual.pdf>

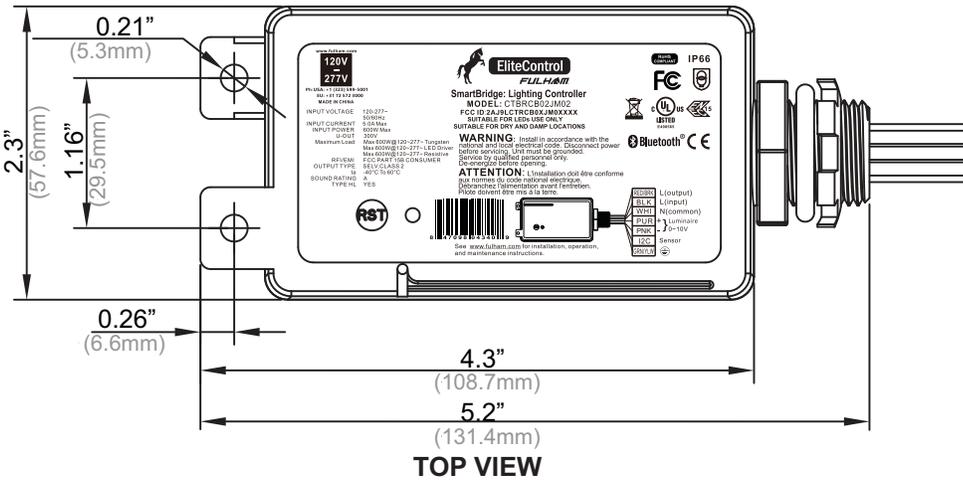


# CTBRCB02JM02

INSTALLATION INSTRUCTIONS



## MECHANICAL DATA



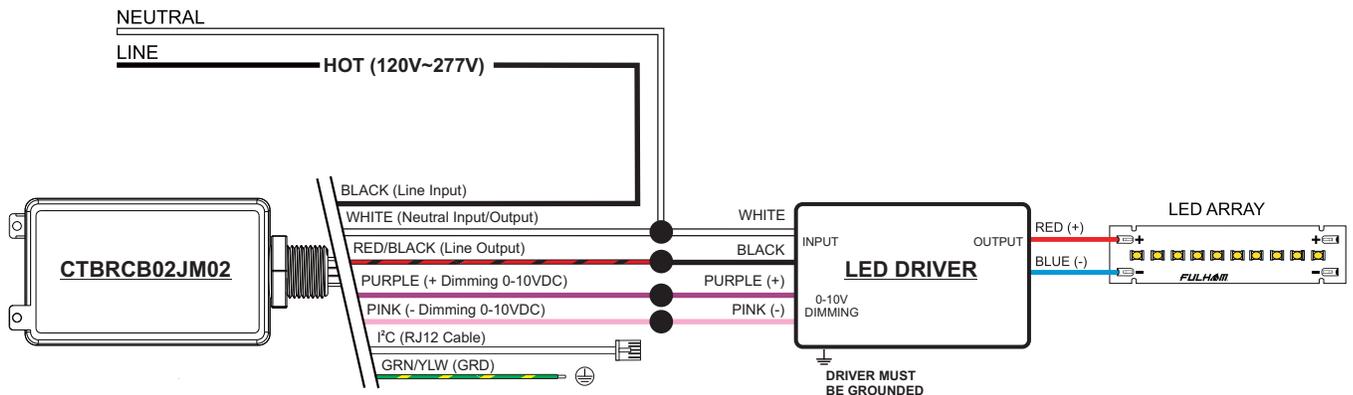
Mount screw: #10-24\*1 inch  
 Mounting hole for threaded pipe: 7/8" (22mm)

- Notes:**
1. Driver has two (2) mounting tabs with a round hole in each.
  2. Fasten a screw through the mounting tab if mounted on a flat surface.

Overall Dimensions	
Length	5.17" [131.5mm]
Width	2.26" [57.6 mm]
Height	1.29" [33mm]
Wire Length	
AC Input (White/Black)	12.4" [315mm]
LED Output (Red/Black)	12.4" [315mm]
Control 0-10V (Pink/Purple)	12.4" [315 mm]
RJ12	17.3" [440 mm]
Ground (Green/Yellow)	12.4" [315 mm]

Case Tolerance=±0.02" [0.5mm]

## WIRING DIAGRAMS



Note: Pink or Gray dimming wire provided, use interchangeably.



**Notes:**  
 Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.

### FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:  
 (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.  
 Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



# CTBRCB02JM02

INSTALLATION INSTRUCTIONS



## Restoring Factory Settings

- To reset the unit you will need to place and hold a magnet for 10 seconds on the reset icon (RST) on the location of the unit shown in the image below.
- Once the magnet has been placed the Indicator Light will stay lit and begin to flash until it shuts off indicating that the unit has been successfully reset.
- Remove the magnet from the unit, the Indicator Light will light up and flash repeatedly
- The unit is now ready to be provisioned.

