Project: _____ Distr./entr.: _____

Type: _____ PO: _____ Date: _____

Technilight SMART

TSBCP2U

BT AC120-347V 6 A fixture controller



Description

The TSBCP2U Bluetooth luminaire controller allows seamless conversion of luminaires to wireless control for integration into the Technilight Smart system. Device settings and commissioning are done via the Technilight Smart mobile app. The TSBCP2U can be connected to Technilight Smart eco sensors via a PH2.0 port for plug-and-play connection or a direct cable connection.

Features

- 120-347 VAC input.
- Built-in 6 A relay.
- Provides a 12 V, 200 mA output to the sensors.
- Mounts to a standard 1/2» NPT hole.
- Provides a dimmable 0-10 VDC output, single or dual channel.

Specifications

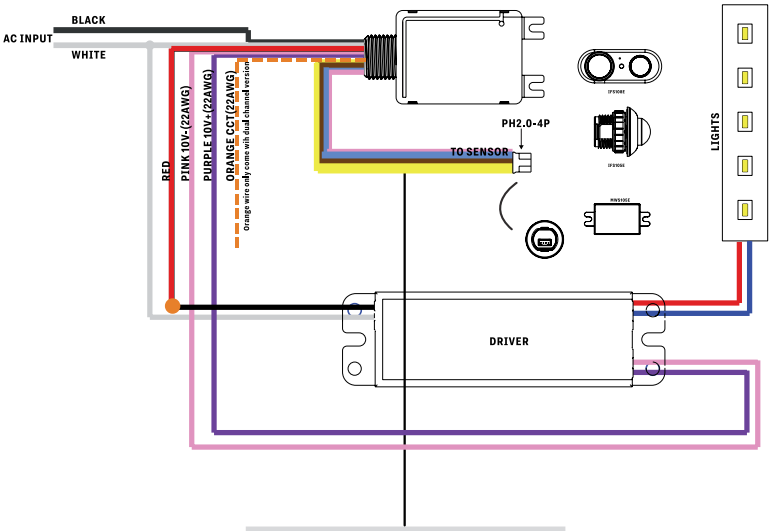
Input voltage	AC120-347V
Frequency	50/60Hz
Output voltage	AC 120-347V
Output current	6A Max
Output power	720W Max @ 120V, 1662W Max @ 277V, 2082W Max @ 347V
Dimming	Class 2, 0-10V DC 10mA Max
Sinking current	10mA Max
Bluetooth transmit	200’ Max
Radio frequency	2.4GHz ± 75MHz
Bluetooth version	5.0
Housing material	UL 94-5VA
Operating temperature	-30°C ~ 65°C, -22°F ~ 149°F
Storage temperature	-30°C ~ 85°C, -22°F ~ 185°F
IP rating	IP20
Color	White
Warranty	5 years
Compliance	UL8750, UL2043, UL1376, RoHS
Safety	cULus Listed LED Controller E547370 DLC: coming soon

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Ordering information - accessories

Model	Description	Works with	Mounting height range
TSSME5D	Built-in microwave ECO sensor, without photoelectric sensor	Microwave models only	8-20’
TSSPE5D	KO ECO round sensor 1/2’’	DLH* compatible power supplies	8-12’
TSSPE8D	OEM installation rectangular ECO sensor		8-12’

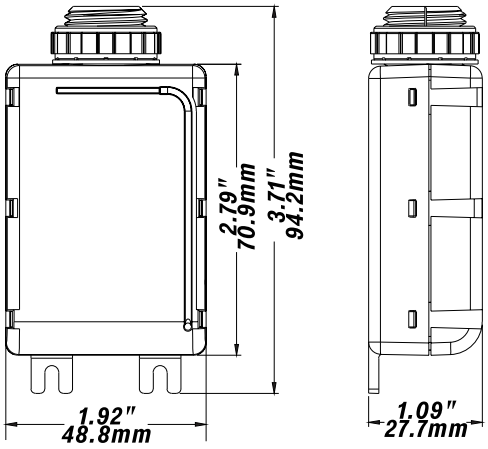
Wiring



FCC (22 AWG)	
Yellow	12 V +
Brown	Sensor
Blue	Sensor
Pink	GND

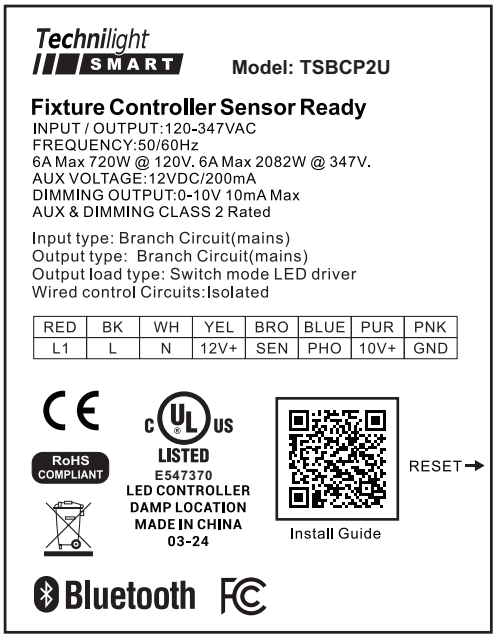
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Dimensions



Fits a standard 1/2 inch NPT hole

Product label



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Application

Technilight Smart
Google play
Android

Technilight Smart
Apple store
iOS

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