



TSBCP2UP

**BT AC120-347V 6 A
fixture controller
with eco sensor port**



Description

The TSBCP2UP 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 TSBCP2UP 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.
- RJ45 wire output.



RoHS



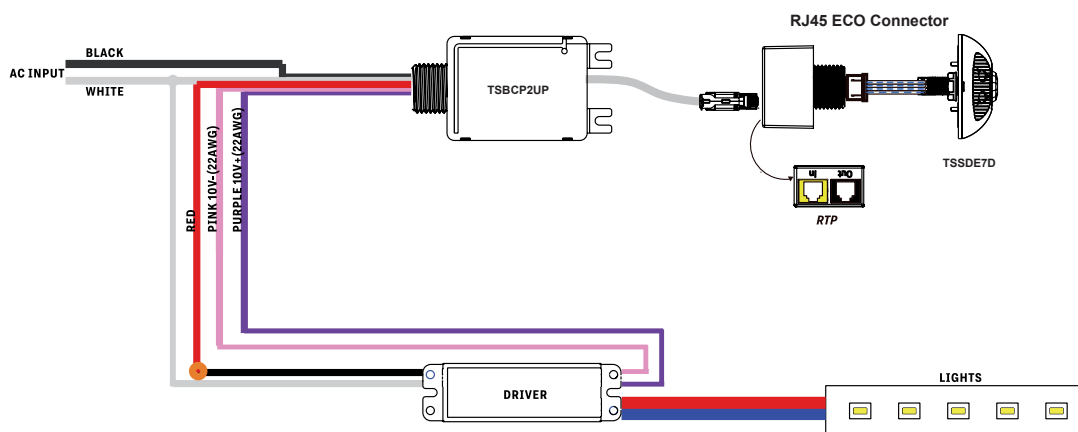
Specifications

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

Ordering information - accessories

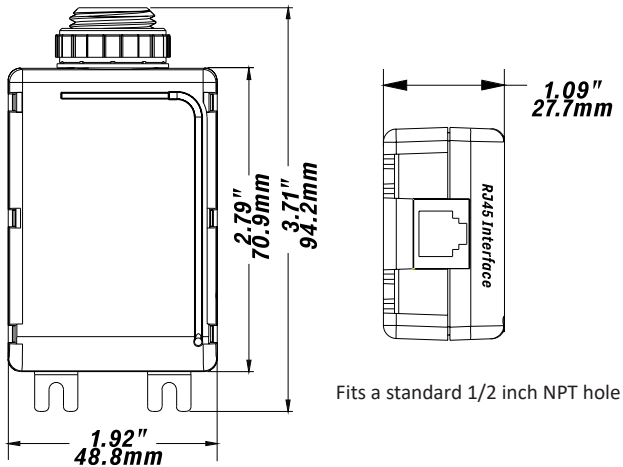
Model	Description	Works with	Mounting height range
TSSME5D	Built-in microwave ECO sensor, without photoelectric sensor	Microwave models only	8-20'
TSSPE5D	KO ECO round sensor 1/2"	DLH* compatible power supplies	8-12'
TSSPE8D	OEM installation rectangular ECO sensor		8-12'

Wiring



Information subject to change without notice. Pictures for illustration purpose only. rev. 2.5.10

Dimensions



Product label

Technilight
SMART Model: TSBCP2UP

Fixture Controller Sensor Ready
 INPUT / OUTPUT: 120-347VAC
 FREQUENCY: 50/60Hz
 6A Max 720W @ 120V. 6A Max 2082W @ 347V.
 AUX VOLTAGE: 12VDC/200mA
 DIMMING OUTPUT: 0-10V
 AUX & DIMMING CLASS 2 Rated

Input type: Branch Circuit(mains)
 Output type: Branch Circuit(mains)
 Output load type: Switch mode LED driver
 Wired control Circuits: Isolated

RED	BK	WH	BRO	BLUE	PUR	PNK
L1	L	N	SEN	PHO	10V+	GND

CE, RoHS COMPLIANT, UL LISTED E547370, LED CONTROLLER, DAMP LOCATION, MADE IN CHINA, 03-24

Install Guide, RESET →, ECO SENSOR PORT

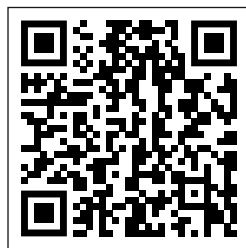
The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Technilight Smart is under license.

Other trademarks and trade names are those of their respective owners.

Application



Technilight Smart
 Google play
 Android



Technilight Smart
 Apple store
 iOS

Information subject to change without notice. Pictures for illustration purpose only. rev. 2.5.10