Project: _____ Distr./entr.: _____

Type: _____ PO: _____ Date: _____

Technilight SMART

TSBCA2D

BT 12 V lighting adapter



Description

The TSBCA2D Integrated Fixture Adapter enables Luminaire Level Lighting Control (LLLC) capabilities in a miniature design with integrated “sensor-ready” functionality. It is powered by 12VDC input from dimmable dim-to-off LED drivers and provides connectivity to non-Bluetooth, eco-sensors.

Features

- 12VDC input.
- Integral Bluetooth module.
- Designed for integration into luminaires to provide luminaire level lighting control (LLLC).
- Sensor-ready attachment port for Technilight Smart Eco Sensors.
- 0-10V output.
- TSCD30 cable included.

Specifications

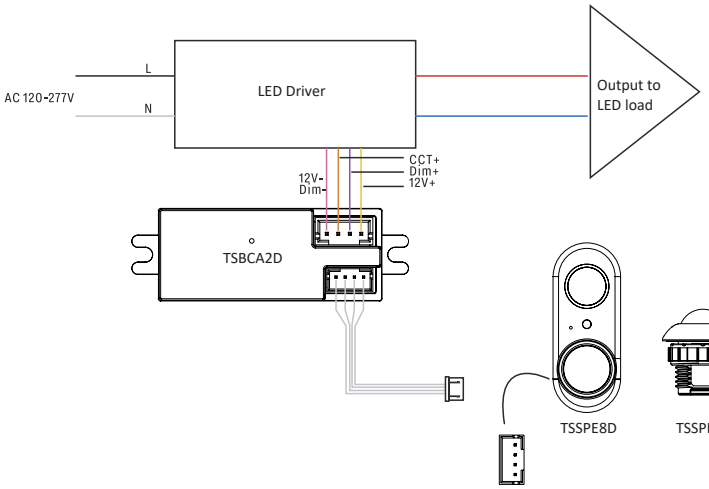
Input voltage	DC 12V
Input current	45mA Max
Input power	0.5 W
Output voltage	DC 10V
Output current	10mA Max
Output power	0.1 W
Dimming	Class 2, 0-10V DC 10mA Max
Sinking current	10mA Max
Bluetooth transmit	200’Max
Radio frequency	2.4GHz ± 75MHz
Bluetooth version	5.0
Housing material	UL 94-V0
Operating temperature	-30°C ~ 55°C, -22°F ~ 131°F
Storage temperature	-30°C ~ 85°C, -22°F ~ 185°F
IP Rating	IP20
Color	White
Warranty	5 years
Compliance	UL8750, UL1376, RoHs
Safety	cULus recognized component LED controller E547370 DLC: coming soon

Information subject to change without notice. Pictures for illustration purpose only. rev. 2.5.4

Ordering information - accessories

Model	Description
TSCS30	2468 24AWG white 300V 80°C Length: 300mm, PH2.0-4P on both sides of cable between adapter and sensor
TSCS60	2468 24AWG white 300V 80°C Length: 600mm, PH2.0-4P on both sides of cable between adapter and sensor
TSCS120	2468 24AWG white 300V 80°C Length: 1200mm, PH2.0-4P on both sides of cable between adapter and sensor
TSCD60	1007 22AWG white 300V 80°C Length: 600mm, X H2.54-4P on left-hand cable (to TSBCA2D), 10mm hardened tin on right-hand cable (to LED driver)
TSSPE5D	PIR sensor, DLH
TSSPE8D	PIR sensor, DLH

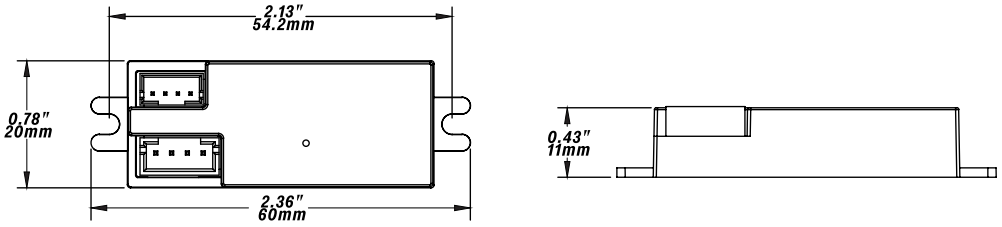
Wiring



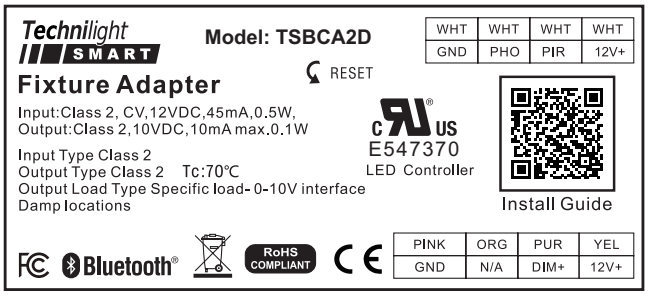
FFC (24 AWG)			
WHITE	WHITE	WHITE	WHITE
GND	PHO	PIR	12V+

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Dimensions



Product label



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Application

Technilight Smart
Google play
Android

Technilight Smart
Apple store
iOS

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