

### WARNING



**NOTE:** Please read the instructions before proceeding with the installation.



**WARNING: DANGER-RISK OF SHOCK-DISCONNECT POWER BEFORE INSTALLATION!**



**NOTE:** This device is suitable for damp locations only.

- This product is used to control lighting luminaires with 0-10V dim to off drivers/ballast.
- This product must be installed in accordance with local and national electrical codes. Please consult with a qualified electrician before installation.

### Specifications

#### Input Voltage

- 120 – 277VAC

#### Input Line Frequency

- 50/60Hz

#### Output Voltage

- 0-10VDC

#### Operating Temperature

- -23°F to 113°F

#### Humidity

- <80% RH

#### Communication Range

- 150 ft / 46 m

Suitable for damp locations only

#### Network Protocol

- Bluetooth Signal Mesh (SMBOXSNSRBTNLC)
- Bluetooth Signal Mesh & Microwave Induction (SMBOXFXBTNLC)

#### Wireless Transmit & Receive

- Frequency 2.4GHz (SMBOXSNSRBTNLC)
- Frequency 2.4GHz 5.8GHz (SMBOXFXBTNLC)

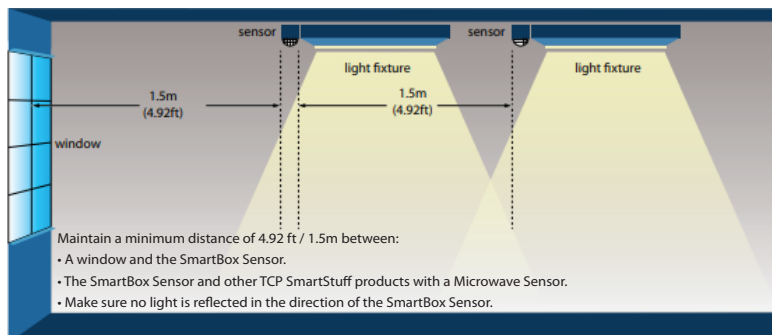
### Regulatory Approvals

#### SMBOXFXBTNLC:

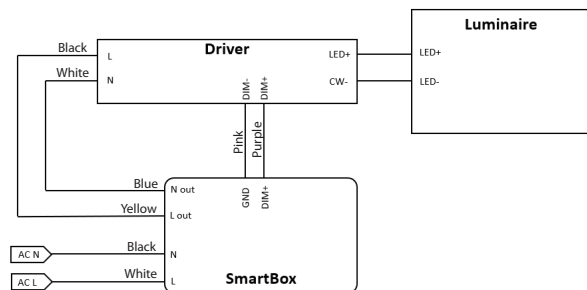
- UL Listed
- Contains FCC ID: 2ANDL-BT3L
- FCC ID: NIR-SMBOXFXBTNLC
- Microwave Max. Height: 40 feet / 12m
- Microwave Max. Diameter: 33 feet / 10m

#### SMBOXSNSRBTNLC

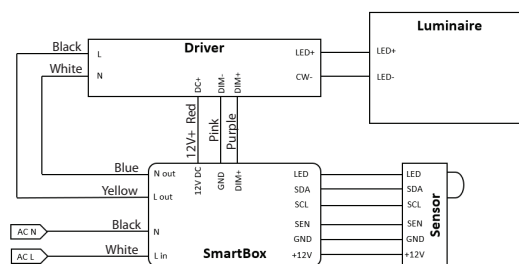
- UL Listed
- Contains FCC ID: 2ANDL-BT3L
- PIR Max. Height: 10 feet / 3m
- PIR Max. Diameter: 16 feet / 5.0m



### SMBOXFXBTNLC Wiring Diagram



### SMBOXSNSRBTNLC Wiring Diagram



### TCP SmartStuff App / TCP SmartStuff Pro App

The TCP SmartStuff Apps are used to configure the Bluetooth® Signal Mesh and TCP SmartStuff devices. Download the TCP SmartStuff Apps using the following options:

- Download the SmartStuff Apps from the Apple App Store or Google Play Store

Instructions for configuring TCP SmartStuff Apps and SmartStuff devices are at <https://www.tcp.com/tcp-smartstuff/>

The "Android" name, the Android logo, Google Play and the Google Play logo are trademarks of Google LLC. Apple, the Apple logo, and the App Store are trademarks of Apple Inc., registered in the U.S. and other countries. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by TCP is under license.

**LIMITED WARRANTY:** This product is warranted for a period of 5 YEARS\* from date of original purchase against defects in materials and workmanship. If this product should fail to operate due to defects in material or workmanship, simply call 1-800-771-9335 within 5 YEARS of purchase. This product will be repaired or replaced, at TCP's option. This warranty is expressly limited to repair or replacement of the product. This warranty gives the consumer specific legal rights, which vary from state to state. **WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED.**

#### FCC (SMBOXSNSRBTNLC)

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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

#### FCC (SMBOXFXBTNLC)

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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in an installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.