

KTSL-FC4-12V-PKO

DESCRIPTION

Bluetooth mesh wireless screw-in low voltage fixture controller for SmartLoop system; 12V; 0-10V dimming

APPLICATION

Ideal for warehouses, gymnasiums, corridors, and parking garages. Installs directly into Smart Port Gen 2 compatible Keystone products.



PRODUCT FEATURES

- For use with Smart Port Gen 2 compatible Keystone products
- Commissioned via SmartLoop mobile app for iPhone and Android
- Controlled via SmartLoop mobile app, keypad, and sensors
- Utilizes Bluetooth mesh technology for reliable and secure wireless communication
- Power outage recovery defaults to automatic on state
- Indicator LED communicates device status

ELECTRICAL SPECIFICATIONS

Input Voltage	12VDC
Power Consumption	<0.5W
RF Transmit Power	8.5dBm
Max 0-10V Sinking Current	10mA
Wireless Frequency	2.4GHz
Wireless Range (Open Air)	100ft
Wireless Protocol	BLE5

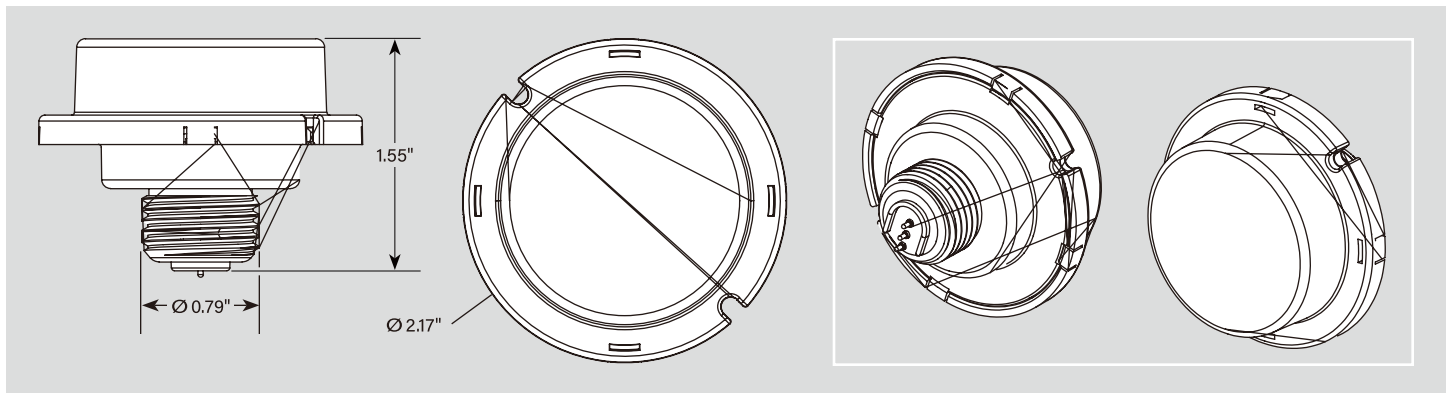
ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-25°C/-13°F to 60°C/140°F
Storage Temperature	-40°C/-40°F to 80°C/176°F
Humidity	10-85%
Lifetime Rating	>100,000 hrs
Moisture and Dust Rating	IP65

SAFETY AND EMC COMPLIANCE

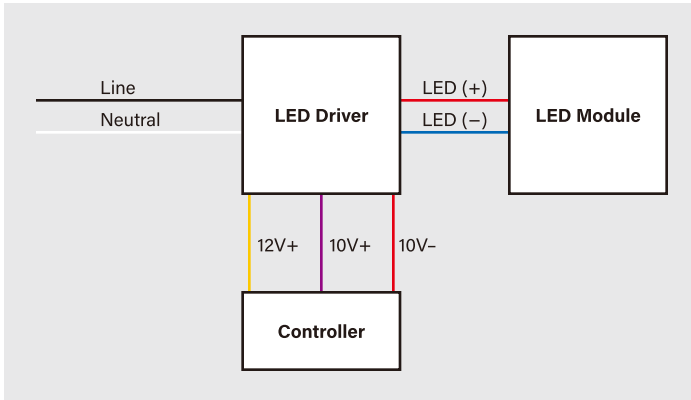
UL/cUL	UL8750
FCC	Part 15.247

PHYSICAL SPECIFICATIONS

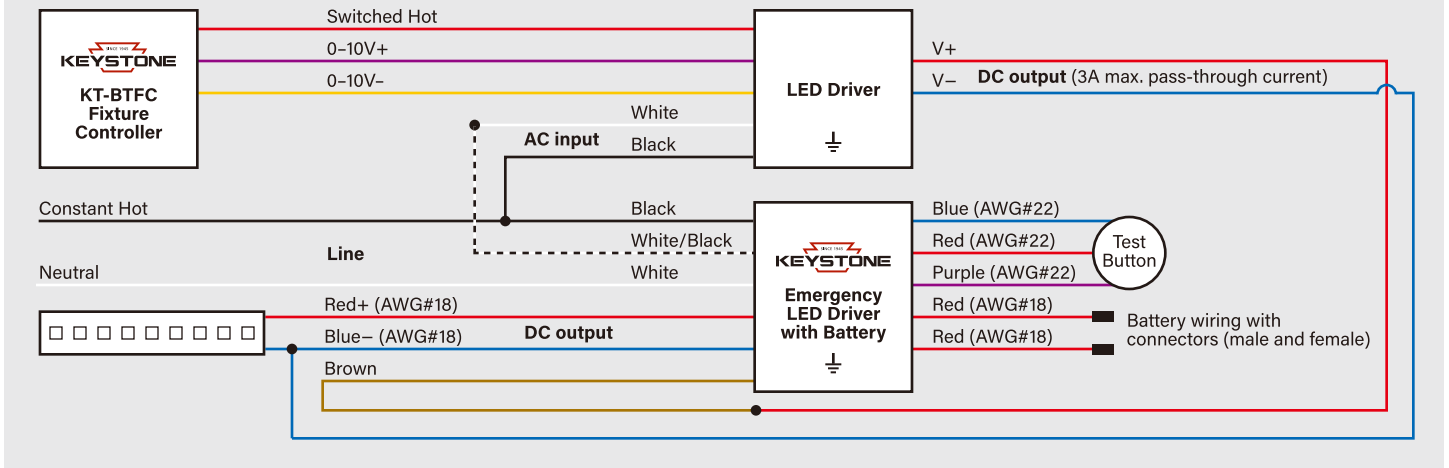


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WIRING DIAGRAMS



WIRING DIAGRAM WITH EM





SMART PORT LED

KTSL-FC4-12V-PKO

FACTORY RESET

Decommissioning can be done by deleting a controller from the region, a power reset sequence, or by using the reset button for certain models.

IN THE APP

The phone/tablet must be connected to the device through the mesh network in order for the controller to be factory reset. Otherwise, the light will simply be removed from the region in the app, and the controller will need to be factory reset using one of the other methods below.

1. Go to the **Lights** page.
2. Press **Select** and **check** the desired lights to decommission.
3. Press **Delete** and **Confirm**.

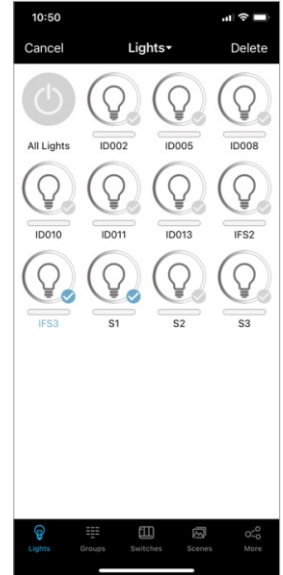
POWER CYCLE RESET SEQUENCE

If a controller is assigned to another region, it will not appear when searching for new fixtures. Perform the below power cycle sequence to factory reset the controller.

1. Power **On** for 1 second, then **Off** for 10 seconds.
2. Power **On** for 1 second, then **Off** for 10 seconds.
3. Power **On** for 1 second, then **Off** for 10 seconds.
4. Power **On** for 10 seconds, then **Off** for 10 seconds.
5. Power **On** for 10 seconds, then **Off** for 10 seconds.
6. Turn the light back **On**. The device should now be decommissioned and ready to add to a region.

RESET BUTTON

While installed in a powered lamp, **Press and Hold** reset button for 3 seconds to initiate a factory reset.



ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE
KTSL-FC4-12V-PKO	20	843654149066	RUN-10

CATALOG NUMBER BREAKDOWN

KTSL-FC4-12V-PKO

1

2

3

4

5

6

1 Keystone Technologies SmartLoop

2 Fixture Controller

3 Design Style 4

4 Low Voltage

5 Pin Connection

6 Knock Out



FCC Statement:

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

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.

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 a particular 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.

RF Exposure

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.