



SMART PORT LED

KTSL-FC4-12V-PKO BLUETOOTH WIRELESS SMART PORT LUMINAIRE CONTROLLER

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
- 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
- Design Covered under US Patent No. D1,055,737

ELECTRICAL SPECIFICATIONS

Input Voltage	10-15VDC
Power Consumption	<0.5W
RF Transmit Power	8dBm
Max 0-10V Sinking Current	10mA
Wireless Frequency	2.4GHz
Wireless Range (Open Air)	100ft
Wireless Protocol	Bluetooth v5.0

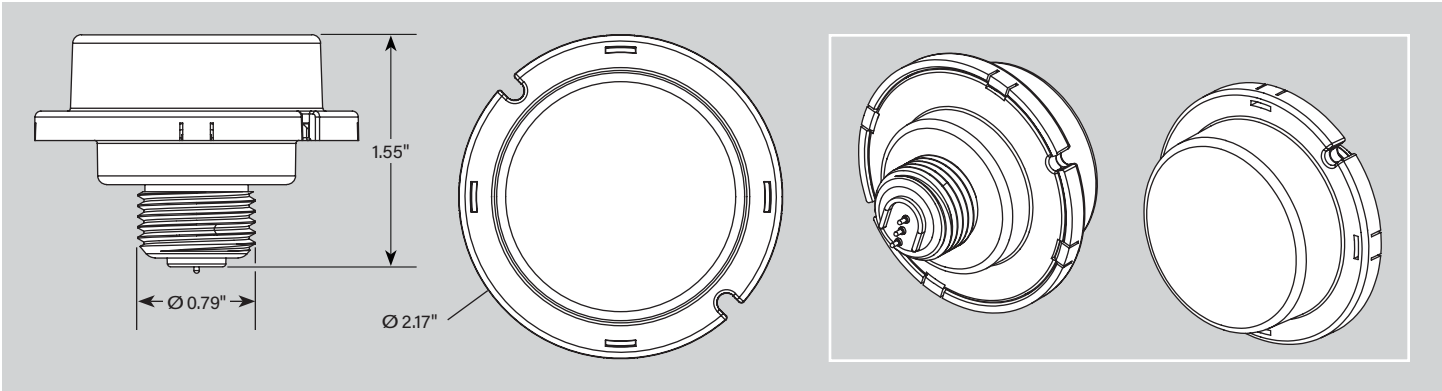
ENVIRONMENTAL SPECIFICATIONS

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

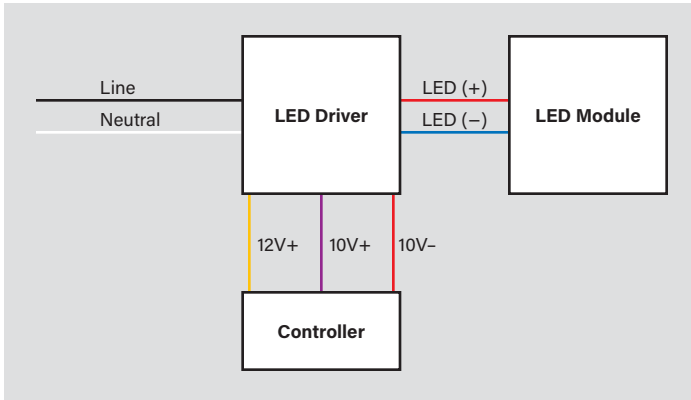
PHYSICAL SPECIFICATIONS



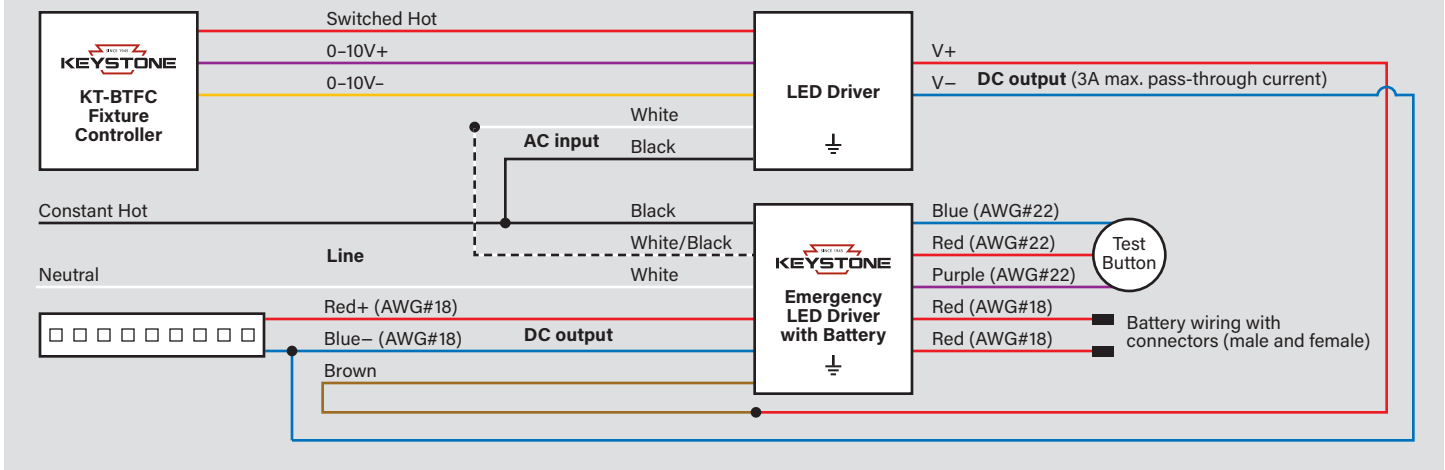
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WIRING DIAGRAMS

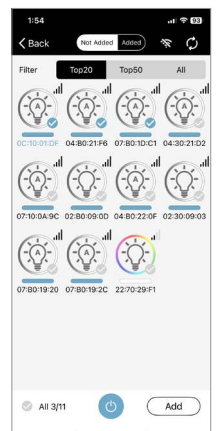


WIRING DIAGRAM WITH EM



COMMISSIONING

1. Search for 'SmartLoop' on the app store for iPhone (iOS 8.0 or later, and Bluetooth 4.0 or later).
2. With controllers installed and lights powered on, press + or Click to Add. The app will begin searching for available lights.
3. Check each light to be commissioned to the region.
4. Press Add to confirm selections. The selected lights will now appear on the Lights page.
5. For further system commissioning, see User Manual at www.keystonetech.com.





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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.



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