



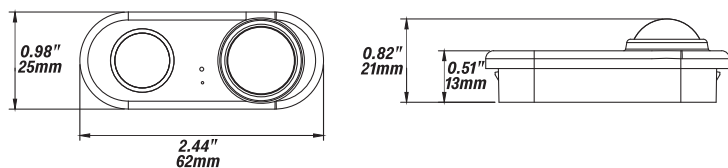
FEATURES

The series are designed for Luminaire Level Lighting Control (LLLC/NLC5) with integrated daylight harvesting and PIR motion sensors which could convert general luminaire into smart lighting fixture. The compact structure is designed for panel, troffer, strip, wrap, vapor tight and some architecture lighting fixtures.

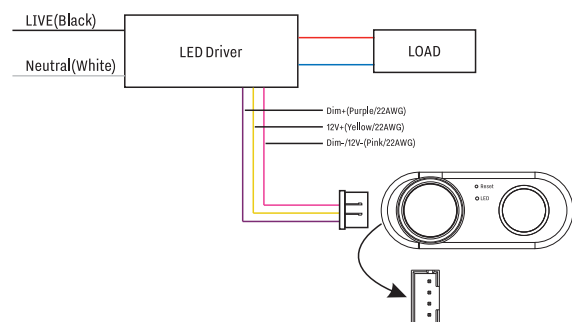
- Requires customized hole by tooling to install this sensor
- Requires dim to off luminaire driver
- Digital sensor equipped
- Daylight harvesting available

DIMENSION

Unit: inch/mm



WIRING



SPECIFICATIONS

Input Voltage: DC 12V

Input Current: 25mA Max

Input Power: 0.3W

Output Current: 10mA Max

Output Power: 0.1W

Dimming: Class 2, 0-10V DC 10mA Max

Sinking Current: 10mA Max

Bluetooth Transmit: 100ft Max

Radio Frequency: 2.4GHz $\pm$ 75MHz

Bluetooth Version: 5.0

Housing Material: UL 94-5VA,

Indoor Use Only

Detection Range: 40ft Max

Mounting Height: 18ft Max

Operating Temperature: -30°C to 55°C,
-22°F to 131°F

Storage Temperature: -30°C to 85°C,
-22°F to 185°F

IP Rating: IP20

Color: White

Warranty: 5 years warranty

Comply to UL8750, UL1376, RoHS

Safety: cULus Recognized Component

LED Controller

MODEL	DESCRIPTION
KTSL-FC5-12V-IM-PIR	Fixture Built-in Low Bay Sensor
KTSL-FC5-12V-IM-PIR-B	Fixture Built-in Low Bay Sensor Black

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.