SLE-LED

INSTALLATION INSTRUCTIONS

ELECTRICAL SHOCK HAZARD

READ, UNDERSTAND, and FOLLOW these instructions before installing the equipment.

WARNING

Disconnect the Electrical supply power at the service panel (fuse or circuit breaker box). Failure to do so could result in serious injury or death. Only qualified electricians should install this fixture and the installation MUST conform to the Electrical Code and all local codes and ordinances. Ensure that only proper tools, materials, and equipment are used to complete the installation.

SAFETY

- Ensure proper grounding for personnel safety.
- Fixture should be mounted in locations where unauthorized personnel will not readily subject it to tampering.
- Do not use this equipment for anything other than its intended purpose.
- Servicing this equipment should be performed by qualified service personnel.
- Save these instructions for future reference.
- **MIN 90°C SUPPLY CONDUCTOR**

SPECIFICATIONS

- Supply Voltage: 120V - 277V
- 50/60 Hz
- Maximum Amperage: Please refer to product specification sheet

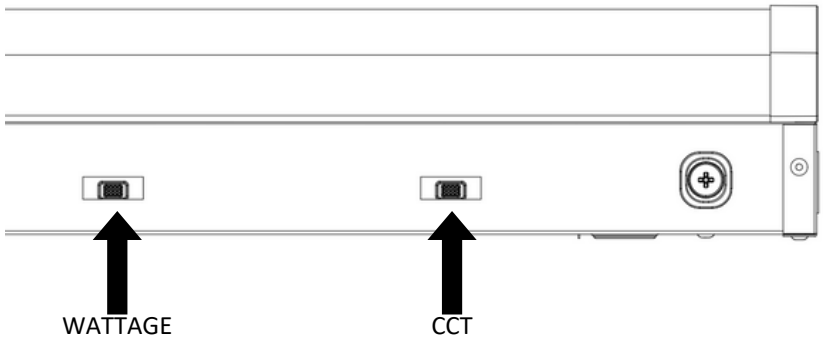
TOOLS REQUIRED

- Phillips Head Screwdriver
- Drill tool (optional)

INSTALLATION

CCT & WATTAGE SELECTABLE SWITCHES

- The CCT selectable switch can be accessed from the side of the fixture. It has multiple CCT settings (3000K, 3500K, 4000K, 5000K; default settings: 4000K). [1.1]
- The wattage selectable switch can be accessed from the side of the fixture. It has multiple wattage settings with the default being the highest wattage. [1.1]

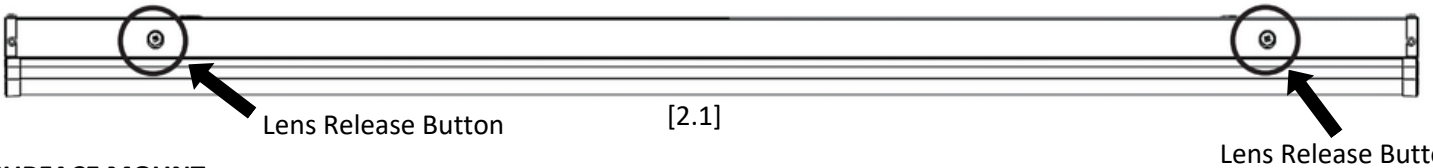


[1.1]

INSTALLATION INSTRUCTIONS

OPENING/CLOSING THE FIXTURE

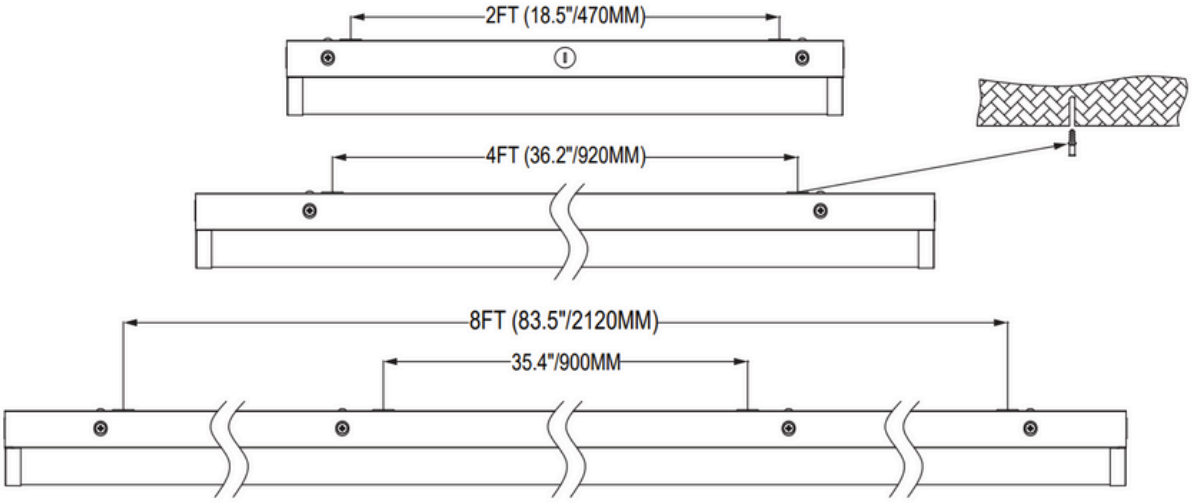
1. To open the fixture, press the buttons on the sides of the housing to release the lens & LED board assembly. [2.1] Once released, the assembly will hang from the housing with aircraft cables.
2. Optional: If desired, the lens & LED board assembly can be easily removed from the housing by detaching the aircraft cables and disconnecting the quick disconnects of the wires.
3. To close the fixture, pop the lens & LED board back on the housing.



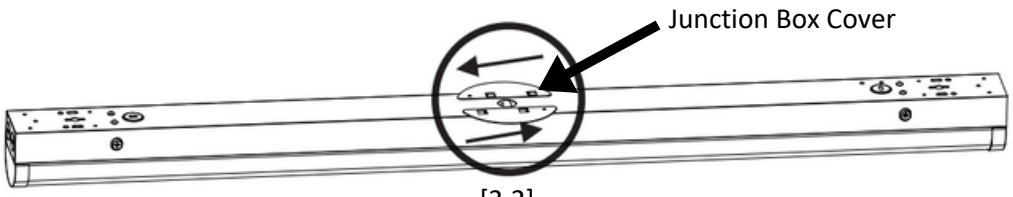
[2.1]

SURFACE MOUNT

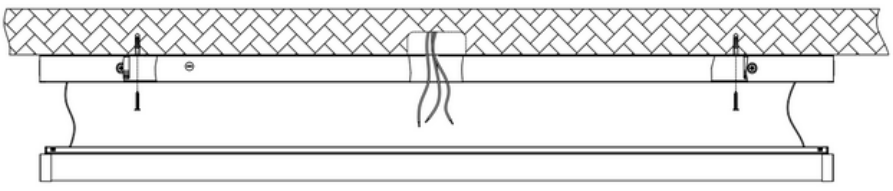
1. Open the fixture [Refer to the section OPENING/CLOSING THE FIXTURE].
2. Drill holes on the surface using #3 drill bit (0.213" diameter) and insert the included M4 anchors into the holes. [3.1]
3. Optional: Use the provided junction box cover by sliding them on as shown. [3.2]
4. Feed wires into the housing and use the included screws to screw the housing into the anchors. [3.3]
5. Make appropriate wiring connection according to the diagram on page 5, then snap the lens assembly back into the housing.



[3.1]



[3.2]

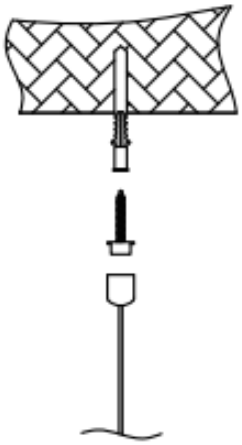


[3.3]

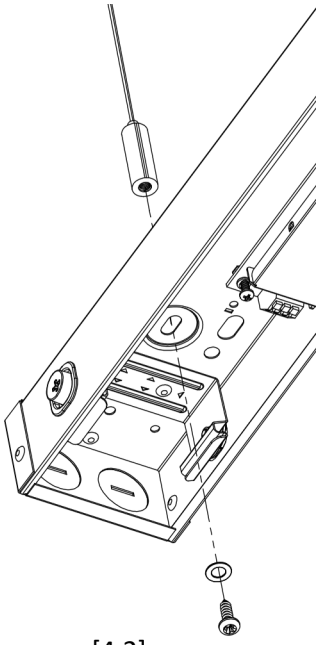
INSTALLATION INSTRUCTIONS

SUSPENSION MOUNT (SOLD SEPARATELY)

1. Attach one end of each aircraft cable to the ceiling using the provided M4 anchors (#3 drill bit). [4.1]
2. Open the fixture [Refer to the section OPENING/CLOSING THE FIXTURE].
3. Attach the other end of the aircraft cable by installing the included screws through the inside of the fixture. [4.2]
4. Make appropriate wiring connections as per the wiring diagram on page 5, then snap the lens assembly back into the housing.



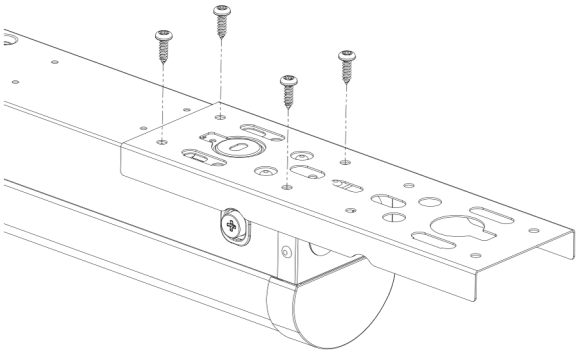
[4.1]



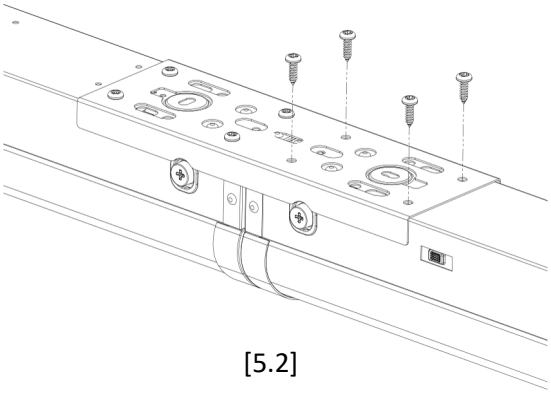
[4.2]

ROW MOUNT (SOLD SEPARATELY)

1. Use the provided screws to attach the connecting bracket to the fixture. [5.1]
2. Align the adjacent fixture with the bracket and attach using the provided screws. [5.2]
3. Mount the interconnected fixtures using surface or suspension mount.



[5.1]



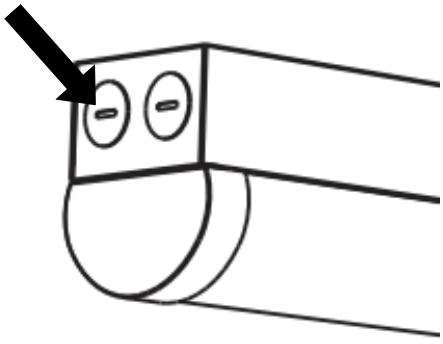
[5.2]

Note: The row mount bracket can be used alongside all other accessories.

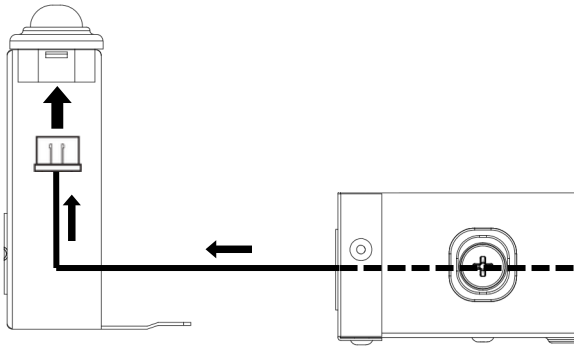
INSTALLATION INSTRUCTIONS

BLUETOOTH PIR MOTION SENSOR WITH JUNCTION BOX (SOLD SEPARATELY)

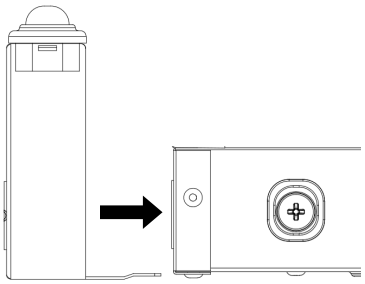
1. Open the fixture [Refer to the section OPENING/CLOSING THE FIXTURE].
2. Remove one of the knockouts from the end of the fixture. [6.1]
3. Feed the dimming and 12V AUX wires with pre-installed quick connector through the knockout, then plug in the quick connector into the sensor through the junction box. [6.2]
4. Attach the sensor junction box to the end of the fixture. [6.3] The integrated magnets automatically attach the junction box to the fixture.
5. Secure the sensor junction box using the two provided screws. [6.4]
6. It is now ready for surface or suspension mount.
7. Program the bluetooth sensors as per the CONTROLLED App manual.



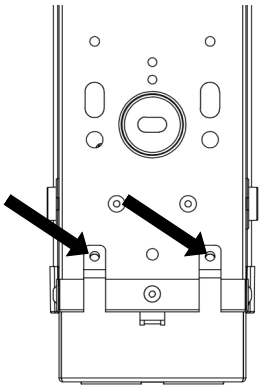
[6.1]



[6.2]



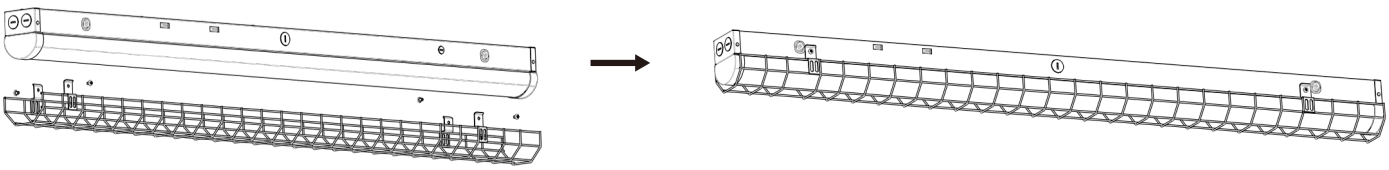
[6.3]



[6.4]

WIRE CAGE (SOLD SEPARATELY)

1. After completing installation of the fixture, place the wire cage over the fixture. It will hold in place.
2. Secure the wire cage on the fixture using self-tapping screws. [7.1]



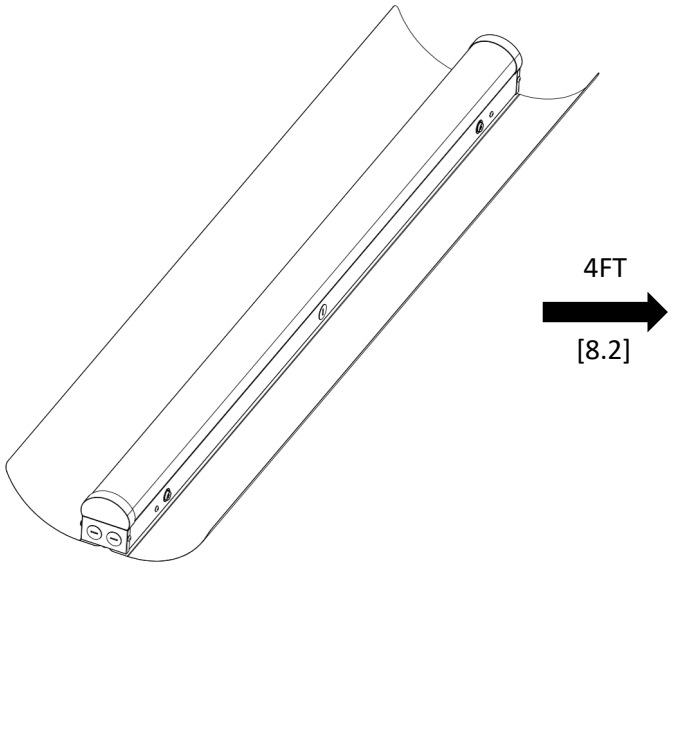
[7.1]

INSTALLATION INSTRUCTIONS

REFLECTOR WINGS (SOLD SEPARATELY)

1. Before completing installation of the fixture, align the pre-drilled holes in the reflector wings with the pre-drilled holes in the fixture housing.
2. Secure the reflector wings to the fixture housing using the hardware provided. [8.1] [8.2] [8.3]

Fixture Length	# of Reflector Wings	# of Screws
4FT	2	4
8FT	4	8

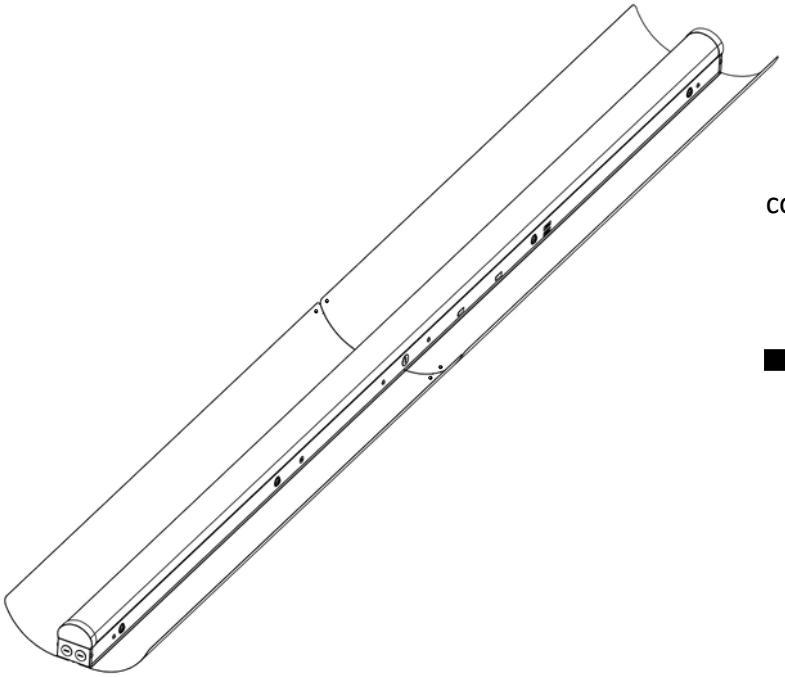


The arrows indicate the reflector mounting hole locations.

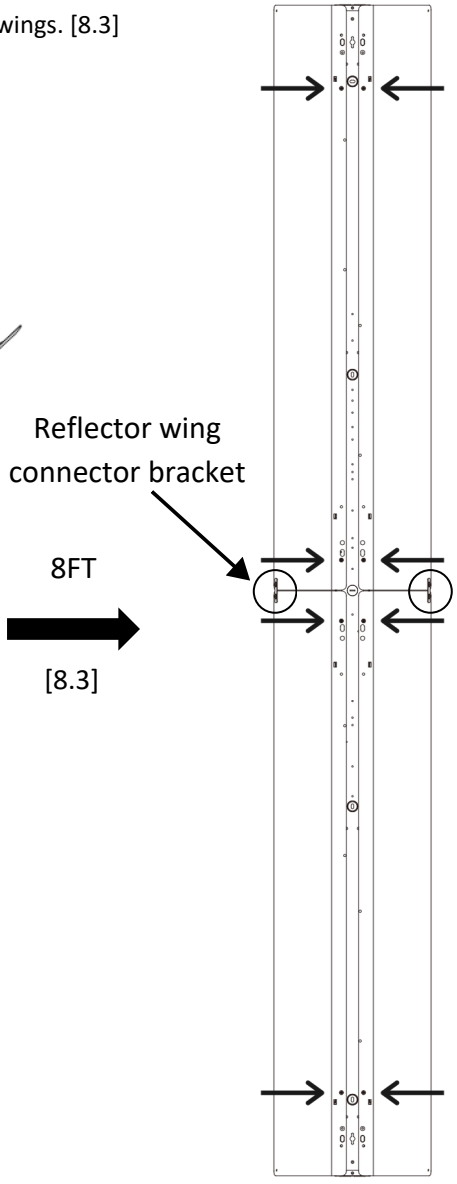
INSTALLATION INSTRUCTIONS

REFLECTOR WINGS (SOLD SEPARATELY), CONTINUED

3. For 8FT Fixture Only: Secure each pair of adjacent reflector wings using the bracket and screws provided, ensuring the bracket is placed on the outside of the wings. [8.3]



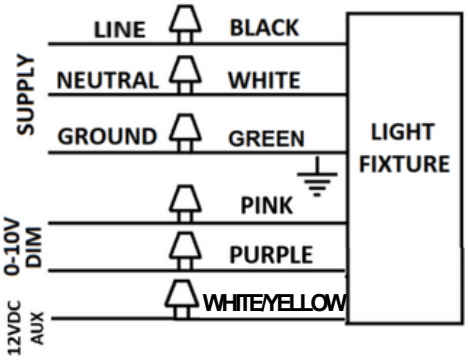
Top View



The arrows indicate the reflector mounting hole locations.

WIRING

- Check that the line voltage is correct.
- Connect fixture **GROUND** (green) wire to power supply **GROUND** (green) wire.
- Connect fixture **WHITE** wire to power supply **NEUTRAL** wire.
- Connect fixture **BLACK** wire to power supply **LINE** wire.
- Optional: Connect **PINK** and **PURPLE** wires to a dimming controller.
- Optional: Connect the 12VDC AUX **WHITE/YELLOW** wire to power any controls, if needed.



INSTALLATION INSTRUCTIONS

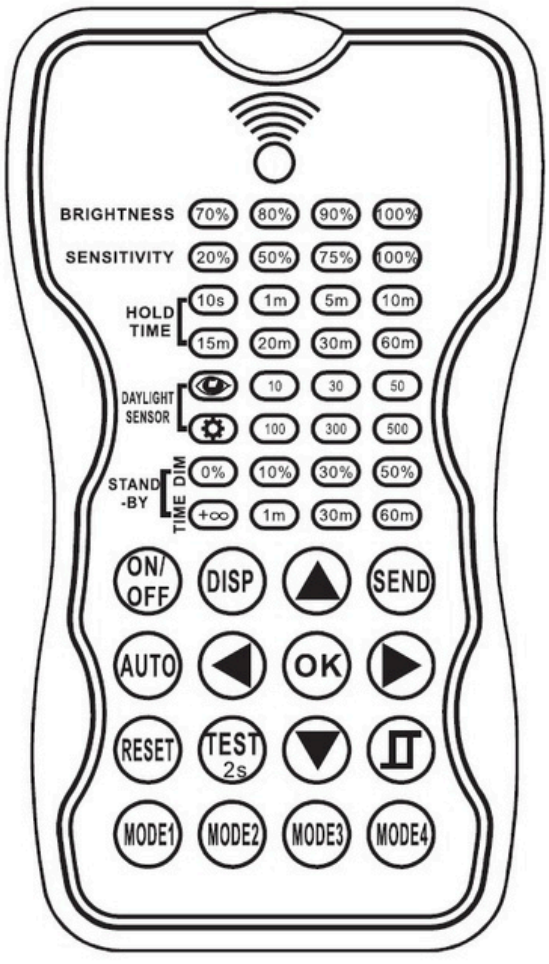
PROGRAMMING DHFS MOTION SENSORS

For DHFS models (non-bluetooth microwave motion sensors), program the sensors using the RC-100 remote control.

RC-100 REMOTE SPECIFICATIONS

Power Supply	2 x AAA 1.5V Batteries
Communication Protocol	940 nm Infrared Tx & Rx
Communication Range	Up to 15m (50ft)
Operating Temp.	0°C to 50°C (32°F to 122°F)
Dimensions	123x70x20.3mm (4.84”x2.76”x0.8”)

RC-100 REMOTE FEATURES



BRIGHTNESS:
Sets the highest light fixture brightness when motion is detected.

SENSITIVITY:

Sets the sensitivity to which the sensor will detect motion.

HOLD TIME:

The time the light fixture will remain at the brightness setting after it detects motion.

DAYLIGHT SENSOR:

The lux setting that the light fixture will turn on/off. If the ambient lux is more than the defined lux setting, the fixture & sensor function will turn off and remain off until the ambient lux is below the setting. To disable the lux sensor, select the **SUN** icon. To set the lux to match current room conditions, select the **EYE** icon.

STAND-BY DIM:

The Dim level that the light fixture will dim down after the Hold Time has expired.

To disable dimming and only have ON/OFF, select the **0%** icon.

STAND-BY TIME:
The time the light fixture will remain in the dim down state before it shuts off. To disable the light from shutting off, select the **INFINITY** icon.

INSTALLATION INSTRUCTIONS

RC-100 REMOTE INSTRUCTIONS

KEY	FUNCTION
ON/OFF	Light fixture will be set to permanently stay ON or OFF. Must press **AUTO** button to go back to sensor mode.
DISP	Displays the current remote-control parameters.
▲ ◀ OK ▶ ▼	Navigate through the remote-control parameters and sets them to the desired settings. **NOTE:** These settings are not yet set on the light fixture sensor. The remote needs to be pointed at the light fixture sensor, and the **SEND** button needs to be pushed.
SEND	Uploads the selected remote-control parameters to the light fixture sensor. The light fixture will turn on and off as confirmation the new settings have been set.
AUTO	Light fixture sensor is set to sensor mode with the last sent parameters. This must be pressed to exit the **ON/OFF** setting.
RESET	Resets the light fixture sensor parameters. **Default Settings:**

Brightness	Sensitivity	Hold Time	Daylight Sensor	Stand-by Dim	Stand-by Time
100%	100%	5 minutes	Disabled	DIM: 30%	60 minutes

TEST 2s	For Testing sensitivity only. The Standby period and daylight sensor are disabled in this mode. Must press AUTO button to go back to sensor mode.
⊓	Photocell Function: If this function is turned on, it is set to a specific lux setting (10, 30, 50, 100, 300, 500). When the lux level exceeds this setting, the sensor will wait and monitor for 1 minute to confirm the lux level is not temporary. After 1 minute, the lights will turn off even when the space is occupied. When the lux level goes below this setting, the light will turn on and remain on without any detected motion. This feature is disabled by default and is intended for outdoor use only.
MODE1 MODE2 MODE3 MODE4	Four modes are available with pre-set parameters. Any mode can be customized by following the steps below: 1. Select mode 1, 2, 3, or 4. 2. press the **ARROW BUTTONS** to choose the new parameters. 3. Select **OK** to confirm the new settings on that mode. **NOTE:** These settings are not yet set on the light fixture sensor. The remote needs to be pointed at the light fixture sensor, and the **SEND** button needs to be pushed. **NOTE:** Modes 2, 3, and 4 all have the same default settings. See instructions to change defaults.

Mode Default Settings	Brightness	Sensitivity	Hold Time	Daylight Sensor	Stand-by Dim	Stand-by Time
MODE1	100%	100%	5 minutes	Disabled	30%	Disabled
MODE2	70%	20%	10 seconds	Disabled	0%	Disabled