

Key Features & Benefits:

The **ESL-REM-100 INFRARED REMOTE** offers a variety of programming options for fixtures using occupancy sensors; including motion detection, daylight sensing and timed settings. Dimming and Photocell features can only be programmed with drivers that have dimming capability. Please note that non-dimming drivers can only use ON/OFF functions. Use the remote to easily turn fixtures on and off, eliminating the need to wire additional wall switches with new fixtures, then store in a convenient carry case.

LED Indicators:

BRIGHTNESS – Select a level to determine the maximum lumen level at full power.

SENSITIVITY – Determines how reactive the sensor will be to movement. Range and sensitivity will vary based upon the sensor installed.

HOLD TIME – The duration that the light will remain on without detecting movement before dimming or turning off.

DAYLIGHT SENSOR – Uses the photocell to adjust the LED output in conjunction with the ambient light to provide consistent lighting regardless of environmental changes. Select the **EYE** to use a value based on the current ambient light. The numbered values correspond to the footcandle conversions listed below. The **SUN** disables the photocell and will run the programmed settings regardless of ambient lighting.

STAND-BY – DIM will determine the maximum lumens to be used when there is no activity detected. A setting of 0% will keep the light from dimming. TIME will determine how long the light will remain at the dimming level before shutting off completely. Setting the time to will make the light remain on.

Button Operation:

ON/OFF – Disables the sensor for a constant on or off position. To enable the sensor, press **AUTO**.

AUTO – Press to start the sensor with the previously used settings. This must be used to utilize the sensor's capabilities.

RESET – Return to the default settings.

TEST – Select sensitivity thresholds and press and then hold for two seconds. This will disable the standby time and daylight sensor in order to check the other settings. To exit, press **AUTO**.

ARROWS – Use to make selections on the LED selectors. Press **OK** to keep the displayed selections.

OK – Use to register selections or to clear selections when changing or viewing **MODES**

DISPLAY – Show the last settings that were uploaded to the sensor or the current selections on the remote's LED indicators.

SEND – Upload and activate the current selections. The light will turn on and off to confirm. Changing the remote settings will not change the sensor settings without pressing **SEND**.

MODES – Save preset parameters by using the **MODE** buttons.

TO SET: Press **MODE** button on remote. LED indicators will display the current settings. Use arrows to change each parameter. Press **OK** to save the settings to the selected **MODE**. To activate the settings, aim remote at sensor and press **SEND**.

SMART PHOTOCELL SENSOR – Off by default. When enabled, the light will be controlled by the photocell only, and the occupancy settings will be disabled. If the ambient light is less than the minimum threshold, the light will remain on, even if there is no activity. If the ambient light is more than the maximum threshold, the light will remain off, even if there is activity in the space.

TO SET: Either press **DISP** or select a **MODE** to program. Use the **ARROWS** to select each setting. Set **STAND-BY TIME** to . Press . By default, the **DAYLIGHT SENSOR** will highlight 10 and 300, with a **DIM** setting of 10%. Select the minimum threshold (10, 30 or 50) and the maximum threshold (100, 300 or 500). Change **DIM** level to desired percentage. Press **SEND**.

Troubleshooting:

LIGHT DOES NOT DIM/SHUT DOWN AFTER STAND-BY TIME:

- Driver may not have dimming capabilities.
- Sensor may be disabled with ON/OFF function. Press **AUTO** to enable sensor.
- Stand-by may be disabled with . Review settings, resend to the sensor.

LIGHT WILL NOT TURN ON WITH MOVEMENT:

- Sensor may be disabled with OFF function. Press **AUTO** to enable sensor.
- Smart Photocell Sensor may be enabled. Review settings, resend to sensor.

SENSOR IS NOT USING THE PROGRAMMED REMOTE SETTINGS:

- Remote settings may not have been uploaded to sensor. Press **DISP** or one of the **MODE** settings, aim directly at the sensor and press **SEND**. When received, the light will flash on and off.

LED SETTINGS DO NOT CHANGE WHEN PRESSING DIFFERENT MODES:

- **OK** is pressed to clear the LED indicators before pressing **MODE** or **DISP**.

EX: **MODE1** is pressed, then **OK** is pressed to clear before pressing **MODE2**.

Project: _____

Date: _____

Catalog #: _____

Notes: _____



DAYLIGHT SENSOR VALUE CONVERSIONS

10	= 0.93 Footcandles
30	= 2.97 Footcandles
50	= 4.65 Footcandles
100	= 9.29 Footcandles
300	= 27.87 Footcandles
500	= 46.45 Footcandles

DEFAULT SETTINGS

Brightness:	100%
Sensitivity:	100%
Hold Time:	15 min
Stand-by Dim:	30%
Stand-by Time:	∞ always on

TECHNICAL DATA

Model:	ESL-REM-100
Power:	2 x AAA 1.5 Volt
Range:	Up to 50 Feet
Dims:	4.84" x 2.76" x 0.8"

