

DESCRIPTION

Featuring various programmable modes and settings, this remote controls the sensor of select linear LED high bays. See the Compatible Fixtures section for a full list.

FEATURES

- Offers 4 different user-programmable operating modes (A, B, C, & D) with user set time delay, daylight harvesting, and dimming options; see Sensor Operation Instructions section for more details
- Test Mode E allows a preview of the various dimming levels
- Mode F allows for daylight harvesting, which adjusts light output based on the amount of natural light that is available.
- Remote controls one fixture at a time and must be less than 40 feet from the sensor/fixture that is being adjusted

THERMAL

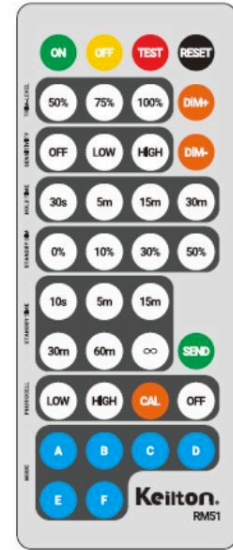
- 32°F to 113°F (0°C to 45°C) operating temperature
- Working Humidity: ≤90% RH

BATTERIES

- Type: CR2032
- Number of Batteries: 2

BUTTON FUNCTIONS

project name	type
catalog number	
comments	voltage
approved by	date



BUTTON	DESCRIPTION
Red "Test" Button	Verifies that the sensor is working and tests the effective range. To conduct a test, follow these steps: <ol style="list-style-type: none"> 1. Push "Test" button on the remote. 2. The light fixture will turn on at 100% light output. 3. When motion is detected, the fixture dims to 50%. 4. The light fixture will turn off if no motion is detected after another 2 seconds. NOTE: Test mode will last 5 minutes, then return to previous setting.
Black "Reset" Button	Press this button to return the sensor to factory settings. <ul style="list-style-type: none"> • Trim Level - 100% • Hold Time - 5mins • Standby Dim - 30% • Standby Time - 60min • Photocell - Off NOTE: This does not reset any saved Mode settings.
Orange "Dim +/-" Buttons	Press these buttons to manually dim luminaire up or down by increments of 0.5V. Hold buttons down for smooth dimming.
Trim-Level Buttons	Press these buttons to set the maximum threshold value to 50, 75, or 100%. <ul style="list-style-type: none"> • Default setting is 100%
Sensitivity Buttons	Press these buttons to adjust sensitivity of motion sensor <ul style="list-style-type: none"> • Off = turns sensor off • Low = 50% • High = 100% (Default)
Hold Time (T1)	Hold time is the amount of time the fixture detects no occupancy before going into Standby. Press these buttons to adjust the hold time to 30 seconds, 5 minutes, 15 minutes, or 30 minutes. <ul style="list-style-type: none"> • Default setting is 5 minutes
Standby Dim (T2)	Press this button to adjust the standby dimming level to 0%, 10%, 30%, or 50%. <ul style="list-style-type: none"> • Default setting is 30%
Standby Time	Standby time is the amount of time the fixture will stay dimmed for until it turns off. Set the standby time by 10 seconds, 5 minutes, 15 minutes, 30 minutes, 60 minutes, or ∞. <ul style="list-style-type: none"> • ∞ means infinite standby time. The fixture will be controlled by the daylight sensor. • Default setting is 60 minutes
Photocell	Use the individual buttons to adjust the photocell <ul style="list-style-type: none"> • Low - 1 fc • High - 50 fc • CAL - collects the current Footcandle level • Off - disables the photocell (Default)
Blue Buttons A, B, C, and D	Press one of these buttons to change the Mode. Each mode is fully programmable. See Configuring Settings for Modes A, B, C, or D section below for programming information.
Yellow Button E	Allows for visual adjustment to choose the desired dimming level. <ul style="list-style-type: none"> • Trim-High = 100% (Default)
Orange Button F	Press this button to use daylight harvesting. This mode continually adjusts the light levels based on the amount of ambient light available. <ul style="list-style-type: none"> • Trim-Low = 50% • Sensitivity = Low • T1 - 15min
Send	Sends settings to the sensor.

COMPATIBLE FIXTURES

Product #	Description
PLT-90308	1.3 ft. LED High Bay w/ Motion Sensor – 130W - 250W MH Equal – 17,680 Lumens - 5000K
PLT-90309	1.7 ft. LED High Bay w/ Motion Sensor – 210W - 400W MH Equal – 38,560 Lumens - 5000K
PLT-90310	2.6 ft. LED High Bay w/ Motion Sensor - 255W - 1000W MH Equal – 34,680 Lumens - 5000K
PLT-90349	2.6 ft. LED High Bay w/ Motion Sensor - 300W - 1000W MH Equal - 40,800 Lumens - 5000K

SENSOR OPERATION INSTRUCTIONS

This PLTS-90311 remote programs the sensor, which will in turn control the Linear High Bay fixture operation. Please keep the following in mind when using this remote:

- The fixture must be fully installed before using the remote.
- This remote can only program one sensor at a time.
- Aim the remote at the fixture you want to program. Once programmed, move to the next fixture.
- The remote needs to be less than 40 feet from the sensor to be programmed.
- Each time you press one of the Mode, Dimming Level, Time Delay, or Photocell buttons and press “Send”, the light fixture will flash twice indicating that your desired setting has been received and saved.

OPTIONAL MODES:

The PLT-90311 remote provides 4 blue buttons that are used to program Modes A, B, C, and D. Once the Mode is selected, you can fully program all settings.

Configuring Settings for Modes A, B, C, or D

1. Press either A, B, C, or D.
2. Green light over the selected Mode button will flash. Green lights over each individual setting are steady on to indicate the current saved settings.
3. Settings can be configured by pressing the corresponding button in the highlighted black areas of the remote (Trim-Level, Sensitivity, Hold Time, Standby Dim, Standby Time, and Photocell). Review selected settings and make changes if necessary.
4. Point remote at the luminaire you wish to configure and press “Send”.
5. Luminaire will flash twice to show settings have been saved. Any parameter changes to the current saved settings on A to F will override the previous settings and be automatically saved on the remote. If configuring multiple luminaires, select the configured mode A to E then follow steps 4 and 5.

Mode E (Test Mode)

Use Mode E to preview the available dimming levels.

- Here’s how to use Mode E:
 1. Press the yellow “E” button.
 2. Select your desired light level using the orange “DIM+” and “DIM-” buttons.
 3. Press the “Send” button. The luminaire will then flash twice indicating it has been dimmed to your desired light level.

Mode F - Daylight Harvesting

Continually adjusts the light levels based on the amount of daylight.

1. Point remote at the luminaire.
2. Press "ON", then press DIM+ or DIM- to adjust the dimming level.
3. Press "F". The green lights on the remote will indicate current saved settings. NOTE: only Trim-Level, Sensitivity, and Hold Time can be selected for Daylight Harvesting settings.
4. Review the selected settings and make changes if necessary. Press "Send".
5. The luminaire will flash twice to show settings have been saved. If configuring multiple luminaires, select the configured Daylight Harvesting settings and follow steps 4 and 5 by pointing the remote at each desired luminaire.

TROUBLESHOOTING

If the remote does not seem to be functioning correctly, the battery may need to be replaced.