JLS-ESS-RM51 PROGRAMMING REMOTE

LumaLinx Essential
Always Connected

JAYKAL

JAYKAL LED SOLUTIONS, INC.

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PROJECT NAME:

PROJECT NOTES:

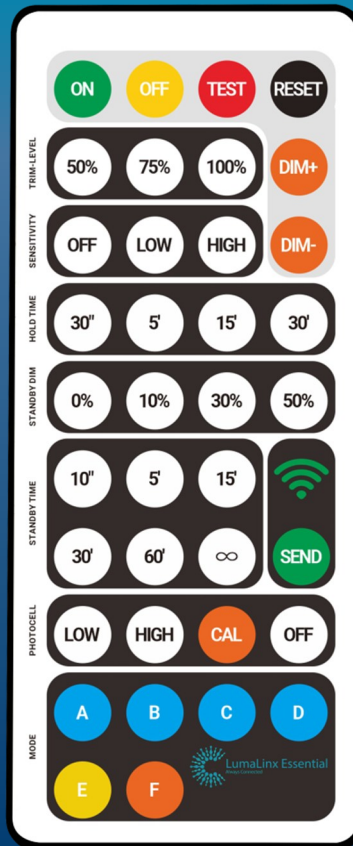## PRODUCT DESCRIPTION

The JLS-ESS-RM51 Remote is used to program the configurations of the LumaLinx Essential sensors using infrared (IR) communications with the devices. It offers 6 default modes of configurations plus manual settings. Customer configurations can be created, saved and then sent to each device ensuring a rapid deployment.

FEATURES

- Low power consumption.

- Infrared communication.

- Setting most of LumaLinx Sensors G2.

- Custom Configurations can be saved to A, B, C, D, F.

- 40' maximum IR range.

Specifications are typical values and may change without notification

efficiency. illuminated.

SPECIFICATIONS TABLE

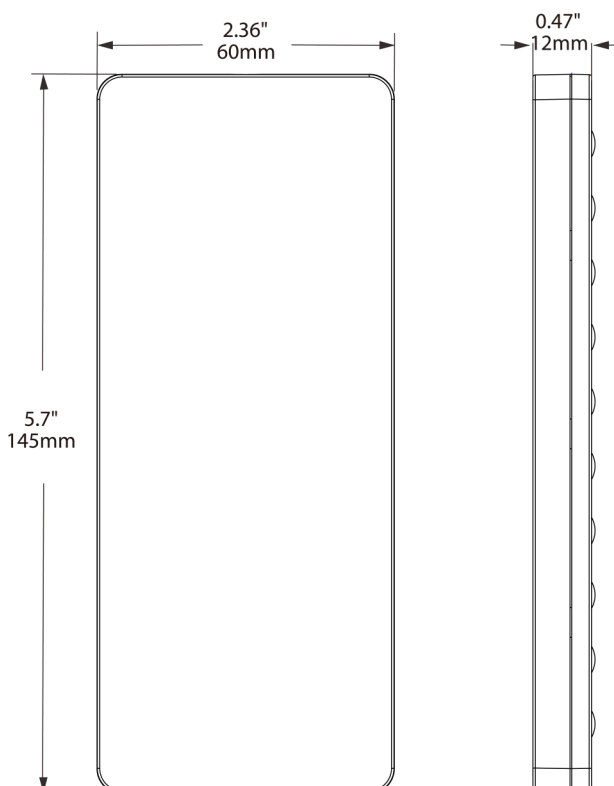| JLS-ESS-RM51	
COMMUNICATION MODE	Infrared
SUPPLY VOLTAGE	3V(provided 1 or 2 pcs CR2032 battery)
HOUSING MATERIAL	Plastic
FLAME RATING	HB
WORKING HUMIDITY	≤90% RH
OPERATING TEMPERATURE	0°C to 45°C, 32°F to 113°F
WARRANTY	5 Years

Due to our continued efforts to improve our products, specifications are subject to change without notice.

Ordering Guide

MODEL	Description
JLS-ESS-RM51	Essential Series Hand Held Programming Remote

DIMENSIONS

Unit:inch/mm

2.36"
60mm

0.47"
12mm

5.7"
145mm

efficiency. illuminated.

Memory Mode (Commissioning) To begin commissioning, follow the steps below:

1. Select either A, B, C, D, or E.
2. The indicator lights on the remote will flash to show the current saved settings.
3. Settings can be configured by pressing the appropriate buttons in the highlighted gray area of the remote (TRIM-LEVEL, SENSITIVITY, HOLD TIME, STANDBY DIM, STANDBY TIME, and PHOTOCELL). Review the selected settings and make changes as needed.
4. Point the IR remote at the desired luminaire for configuration and press "SEND."
5. If the configuration is successful, the luminaire will flash twice, indicating that the settings are saved. Any parameter change to the current saved settings from A to E will override the previous settings and will be automatically saved on the remote. If configuring multiple luminaires, select the configured memory mode
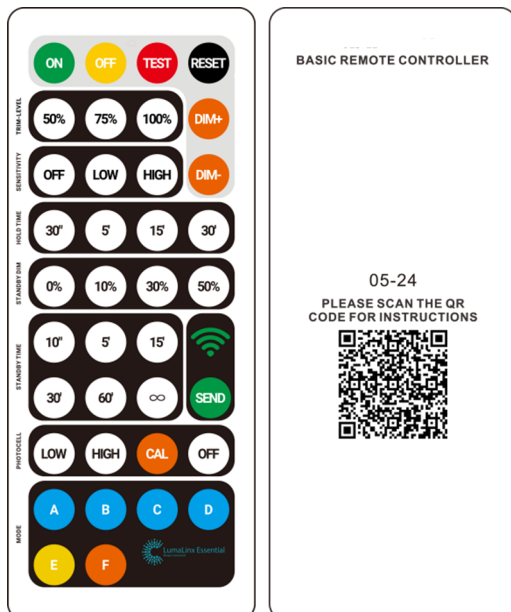(A to E), then follow steps 4 and 5.

* E Mode allows for visual adjustment to choose the desired dimming level.
Continuous Adjustment Mode or Daylight Harvesting (F Mode) enables dimmability in response to daylight availability.

1. Point the IR remote at the desired luminaire.
2. Press "ON," then press DIM+ or DIM- to adjust the dimming level.
3. Press "F." The indicator lights on the remote will indicate the 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 as necessary. Press "SEND."
5. If the configuration is successful, the luminaire will flash twice to confirm the setting is saved. If configuring multiple luminaires, select the configured DAYLIGHT HARVESTING settings, then follow steps 4 and 5.

Reset Mode
Default Settings: Motion → 100%, No Motion ≥ 5 min → DIM to 30%, No Motion ≥ 60 min → Off.

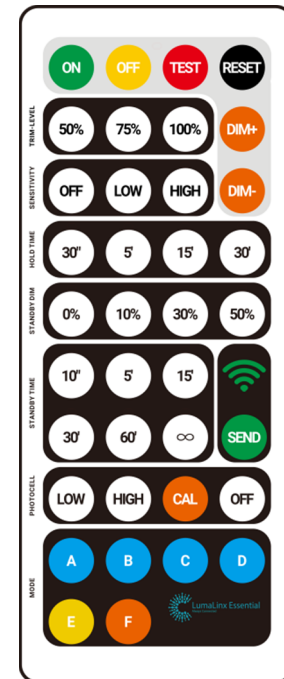*Specifications are typical values and may change without notification*

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REMOTE GUIDE

ON	Turns ON luminaires.
OFF	Turns OFF luminaires.
TEST	Test mode will last 5 minutes , then return to the previous setting. In test mode, the hold time is 2 seconds , SDL is 50%, and the standby time is 2 seconds .
RESET	Trim-High = 100%, Sensitivity = High, T1 = 5 min, Standby Dim = 30%, T2 = 60 min , Photocell = OFF.
DIM+/-	Remote will manually dim the luminaire up or down in increments of 0.5 volts . Smooth dimming should occur when holding the dimming button.
TRIM-LEVEL	Set maximum threshold value at 50%, 75%, or 100%.
SENSITIVITY	OFF (PIR OFF, Enter PC ON/OFF function) / LOW (50%) / HIGH (100%).
HOLDTIME	Time of no occupancy after which the fixture goes to standby: 30s / 5 min / 15 min / 30 min.
F MODE DAYLIGHT HARVESTING	(Enable/Disable) Measures and sets a feature to allow the fixture to maintain a light level when turned ON.
STANDBY DIM	Select any standby dim level: 0%/ 10%/ 30%/ 50%.
STANDBY TIME	10s / 5 min / 15 min / 30 min / 1h / ∞. "∞" means the standby time is infinite , and the fixture is effectively controlled by the daylight sensor.
PHOTOCELL	LOW (1fc) / HIGH (50fc) / CAL (Collects the current Lux Level) ON.
MODE	Set settings to a program profile (A to F).
SEND	Send settings to the sensor.
DEFAULT MODE A	Trim-High = 100%, Sensitivity = Low, T1 = 30 min , Standby Dim = 50%, T2 = ∞, Photocell = CAL.
DEFAULT MODE B	Trim-High = 100%, Sensitivity = Low, T1 = 30 min , Standby Dim = 50%, T2 = 15 min , Photocell = CAL.
DEFAULT MODE C	Trim-High = 100%, Sensitivity = Low, T1 = 30 min , Standby Dim = 50%, T2 = 15 min , Photocell = OFF.
DEFAULT MODE D	Trim-Low = 50%, Sensitivity = Low, T1 = 30 min , Standby Dim = 50%, T2 = 30 min , Photocell = CAL.
DEFAULT MODE E	Manual Mode, Trim-High = 100%.
DEFAULT MODE F	Daylight Harvesting, Trim-Low = 50%, Sensitivity = Low, T1 = 15 min .

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