# JLS-LLE-IFS06R-AUX PANEL SENSOR

**LumaLinx Essential**
Always Connected

**JAYKAL**

PROJECT NAME:

PROJECT NOTES:

## PRODUCT DESCRIPTION

The JLS-LL-IFS06R-AUX is a PIR sensor with an integrated photocell and 2.5mm male audio connector, enabling easy plug-and-play integration for Luminaire Level Lighting Control (LLLC). A compact oval-shaped design allows the JLS-LL-IFS06R-AUX to fit in various styles of luminaires.

## FEATURES

- Suitable for low profile luminaires
- Easy plug-and-play integration for Luminaire Level Lighting Control (LLLC)
- Operates on 12V DC supplied by a 0-10V dim-to-off LED driver
- Selectable modes for various applications via the RM51 remote controller
- Integrated photocell enables dusk-to-dawn operation independent of motion detection
- Auto-calibrates in Daylight Harvesting mode to reach target illumination by measuring combined natural and electric light
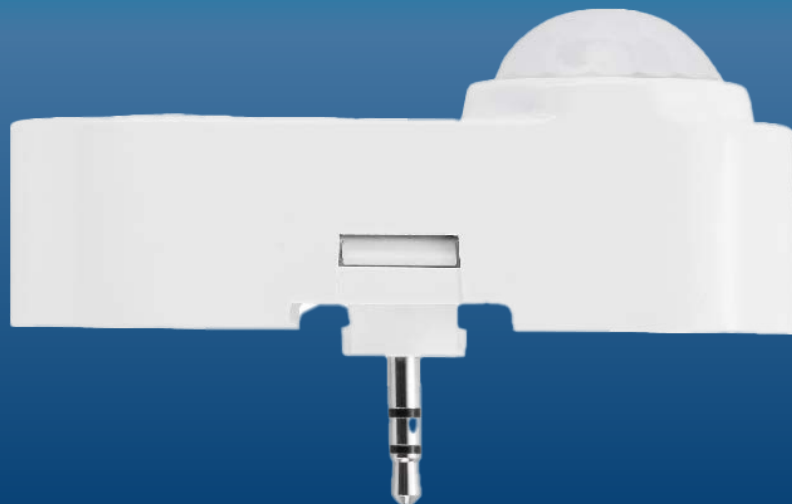


Revised 11/21/24

efficiency. illuminated.

# JLS-LLE-IFS06R-AUX PANEL SENSOR

**JAYKAL**

| SPECIFICATIONS TABLE | |
|---|---|
| **JLS-LL-IFS08ET** | |
| INPUT VOLTAGE | 12VDC ±1V |
| INPUT CURRENT | 9mA Max |
| INPUT POWER | <0.1W |
| SINKING CURRENT | ≤10mA |
| DIMMING | Class 2, 0-10V DC 10mA Max |
| SINKING CURRENT | 10mA Max |
| HOUSING MATERIAL | UL 94-5VA |
| INDOOR/OUTDOOR USE | Indoor Use Only |
| OPERATING TEMPERATURE | -30°C to 65°C, -22°F to 149°F |
| STORAGE TEMPERATURE | -30°C to 85°C, -22°F to 185F |
| IP RATING | IP20 |
| COLOR | White |
| WARRANTY | 5 Years |
| COMPLIANCE | UL8750, RoHS |
| SAFETY | cULus Listed E504054 Low Bay Sensor |

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

## Ordering Guide

| MODEL | Description |
|---|---|
| JLS-LLE-IFS06R.A2 | Panel Sensor-2.5mm Audio Jack Base |
| JLS-LL-SC05 | Slim size audio jack receptacle for low bay application |

| WIRING |
|---|
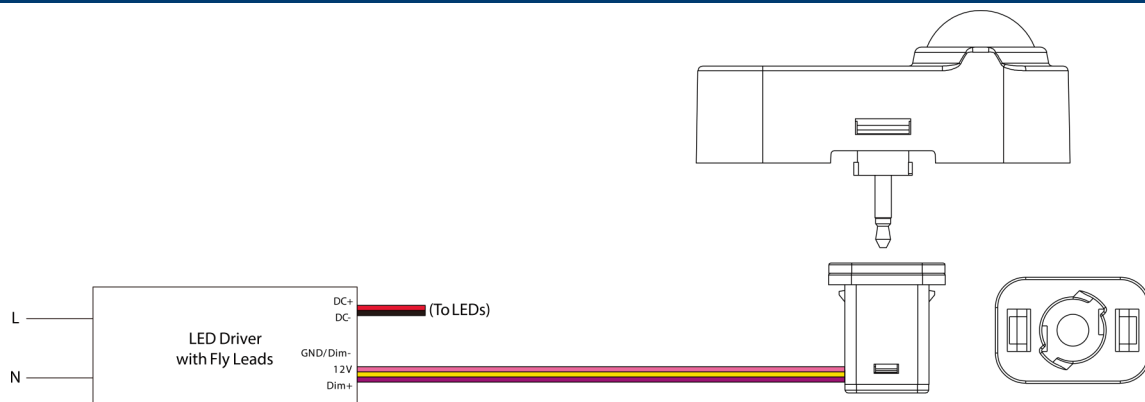


*Specifications are typical values and may change without notification*

**efficiency. illuminated.**

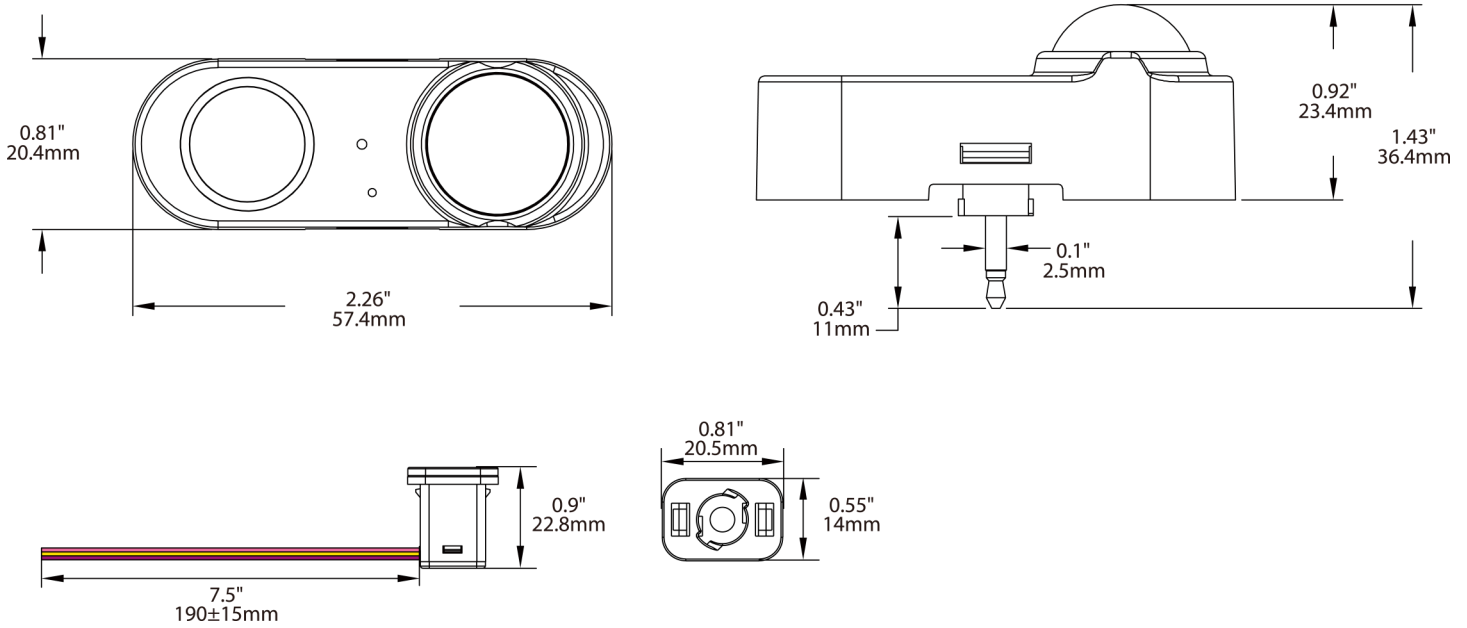# JLS-LLE-IFS06R-AUX PANEL SENSOR

# JAYKAL

## DIMENSIONS

Unit:inch/mm

0.81"
20.4mm

2.26"
57.4mm

0.92"
23.4mm

1.43"
36.4mm

0.1"
2.5mm

0.43"
11mm

0.9"
22.8mm

7.5"
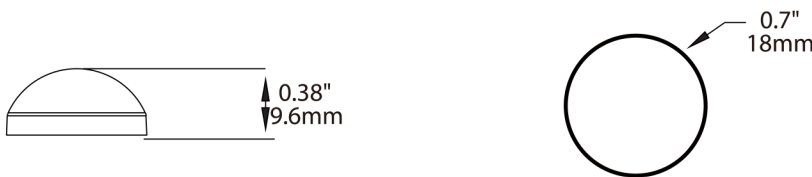190±15mm

0.81"
20.5mm

0.55"
14mm

## COVERAGE

Unit:inch/mm

LBL2

0.7"
18mm

0.38"
9.6mm
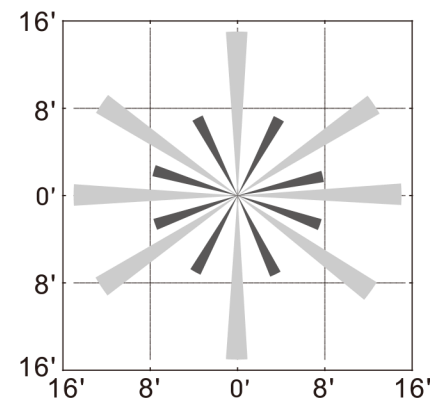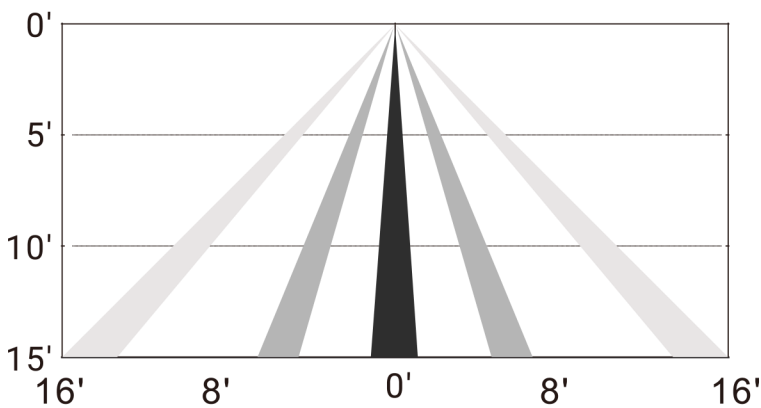
Coverage Side View

Coverage Top View

Height 15ft

*Specifications are typical values and may change without notification*

efficiency. illuminated.
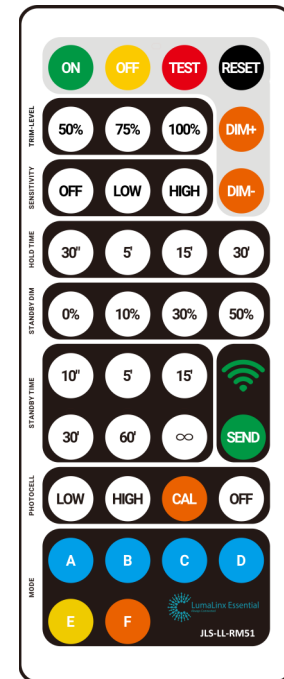
## REMOTE GUIDE

| | |
|---|---|
| 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. |

*Specifications are typical values and may change without notification*

efficiency. illuminated.