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JLS-LLE-IFS06R PANEL SENSOR

JAYKAL

PROJECT NAME:

PROJECT NOTES:

JAYKAL LED SOLUTIONS, INC.
www.jaykal.net
21499 Baltimore Ave.
Georgetown, DE 19947
(P) 302-295-0015
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PRODUCT DESCRIPTION

JLS-LL-IFS06R is a PIR sensor that combines occupancy sensing with photocell. Compactdesign to fit various style luminaires.

FEATURES

- Suitable for low profile luminaires
- Compact oval-shaped PIR sensor with integrated photocell and 2.5mm male audio connector enables easy plug and play integration for luminaire level lighting control (LLLC)
- Operates on 12V DC supplied by a 0-10V LED driver
- Integrated photocell enables dusk-to-dawn operation independent of motion Detection.
- Selectable modes for various applications via the RM51 remote controller
- Auto-calibrates in Daylight Harvesting mode to reach target illumination by measuring combined natural and electric light

Revised 11/21/24

Specifications are typical values and may change without notification

efficiency. illuminated.

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SPECIFICATIONS TABLE	
JLS-LL-IFS06R	
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
DETECTION RANGE	32ft Max
MOUNTING HEIGHT	15ft Max
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

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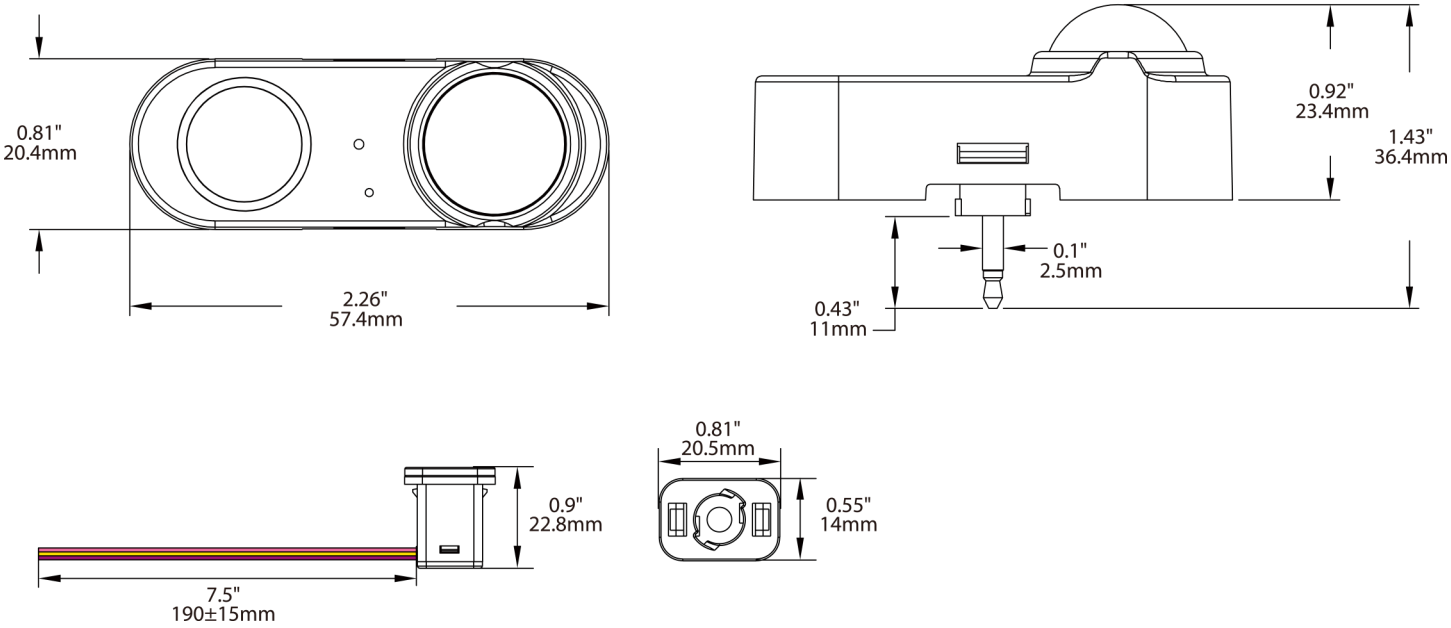
DIMENSIONS

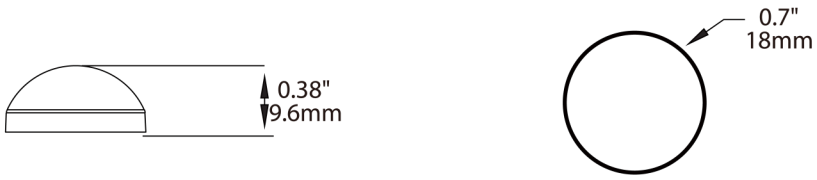
Unit:inch/mm



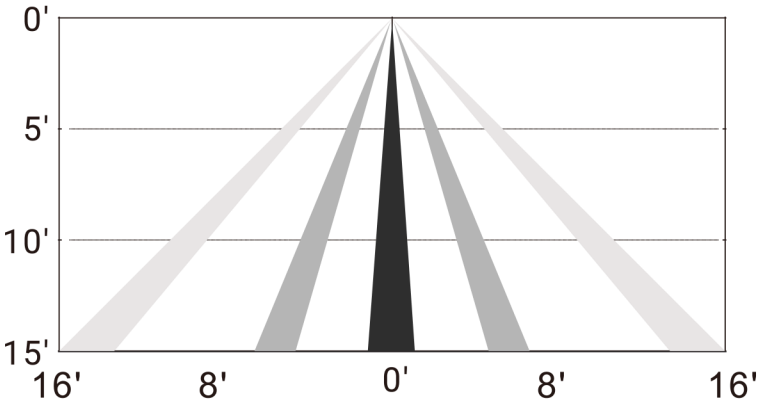
COVERAGE

Unit:inch/mm

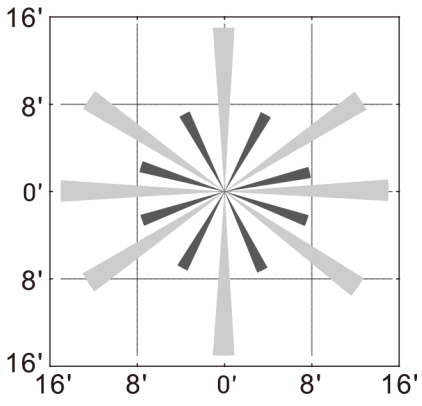
LBL2



Coverage Side View



Coverage Top View



Height 15ft

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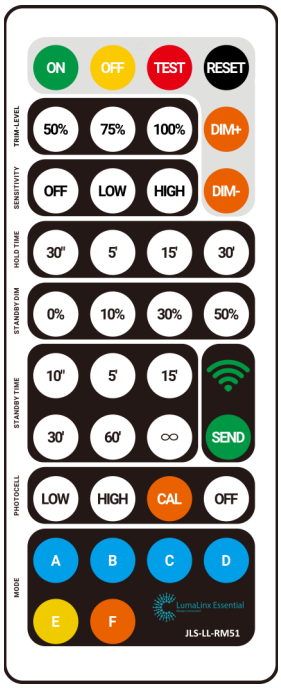
REMOTE GUIDE

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.
FMODE 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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