



JLS-LLE-EFS06R EXTERNAL PHOTO/MICROWAVE MOTION SENSOR JAYKAL

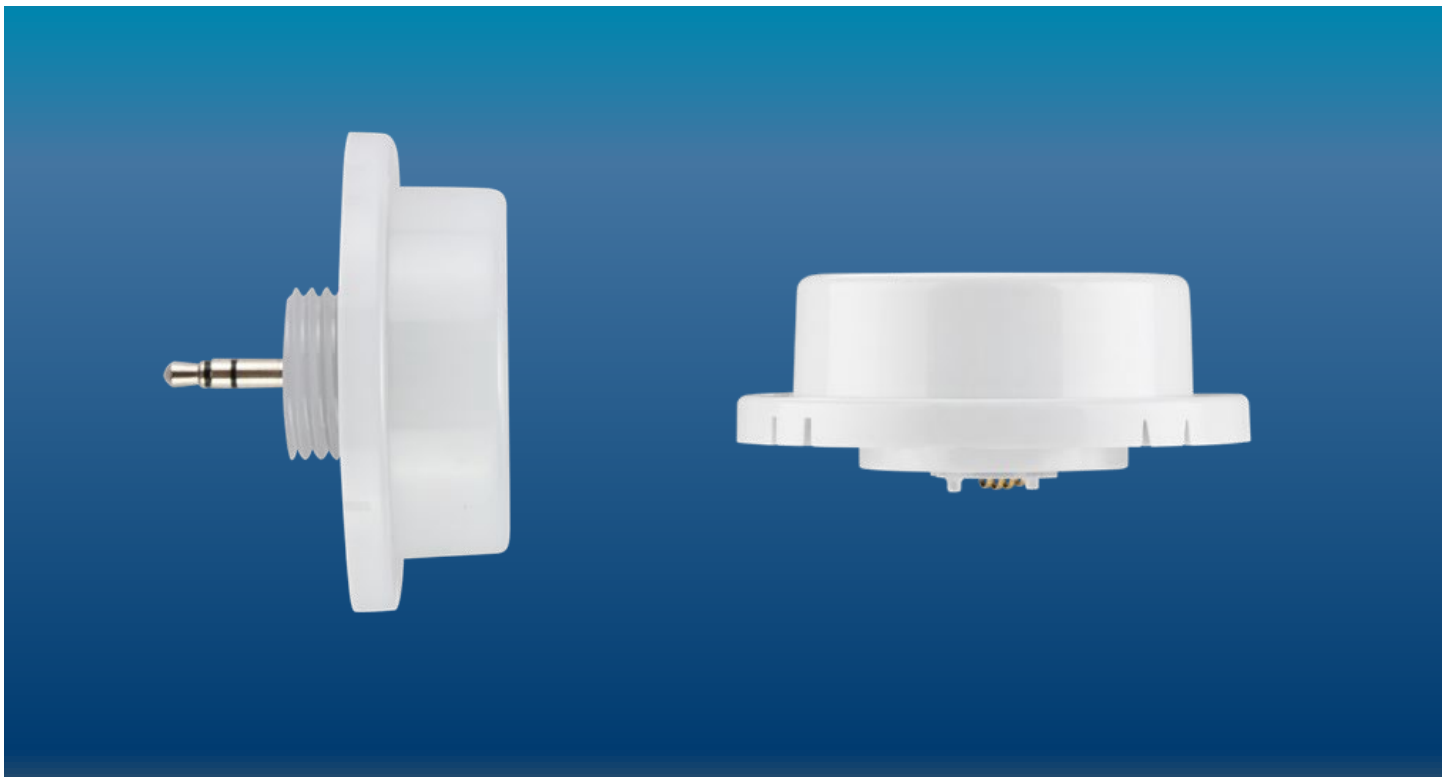
| | |
|----------------|--|
| PROJECT NAME: | JAYKAL LED SOLUTIONS, INC. www.jaykal.net |
| PROJECT NOTES: | 21499 Baltimore Ave. Georgetown, DE 19947 (P) 302-295-0015 (F) 302-295-0016 |

PRODUCT DESCRIPTION

JLS-LL-EFS06R is an external mount Photocell and Microwave sensor. It operates with a 0-10VDC dim-to-off LED driver with 12VDC Aux power socket. Models available for 3.5mm AUX and BH4 sockets (not included).

FEATURES

- 0-10V Bi-level dimming control.
- 3.5mm Audio jack, save the installation cost at most.
- Operates on 12V DC which can be easily feed from a LED driver, saves OEM cost on manufacturer side.
- Perfectly fit in UFO high bays, area lights and wall packs that have limit to mount a external sensor.
- 6 modes, 10%-100% dimming level, 30"-30' delay time selectable allowed to customize your setting.
- IP66 rated for outdoor fixtures.
- Programs setup by a Remote controller (JLS-LL-RM51).





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SPECIFICATIONS TABLE

JLS-LL-EFS06R

| | |
|-----------------------|---|
| INPUT VOLTAGE | DC 12V |
| INPUT CURRENT | 30mA |
| INPUT POWER | 1.5W |
| OUTPUT CURRENT | 10mA Max |
| OUTPUT POWER | 0.1W |
| DIMMING | Class 2, 0-10V DC 10mA Max |
| SINKING CURRENT | 10mA Max |
| HOUSING MATERIAL | UL 94-5VA, Indoor / Outdoor Use |
| DETECTION RANGE | 32-46ft |
| MOUNTING HEIGHT | 20-40ft |
| IR REMOTE RANGE | Max 26' Indoor/Outdoor Use |
| OPERATING TEMPERATURE | -30°C to 55°C, -22°F to 131°F |
| STORAGE TEMPERATURE | -30°C to 85°C, -22°F to 185°F |
| IP RATING | IP66 |
| COLOR | White/Black |
| WARRANTY | 5 Years |
| COMPLIANCE | UL8750, RoHS |
| SAFETY | cULus Recognized Component LED Controller E504054 |

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



Ordering Guide

| MODEL | Description |
|-----------------------|--|
| JLS-LLE-EFS06R-AUX.A4 | DC EXTERNAL PHOTO/MICROWAVE MOTION SENSOR FOR 3.5MM AUX SOCKET |
| JLS-LLE-EFS06R-BH4.A4 | DC EXTERNAL PHOTO/MICROWAVE MOTION SENSOR FOR BH4 SOCKET |

Specifications are typical values and may change without notification

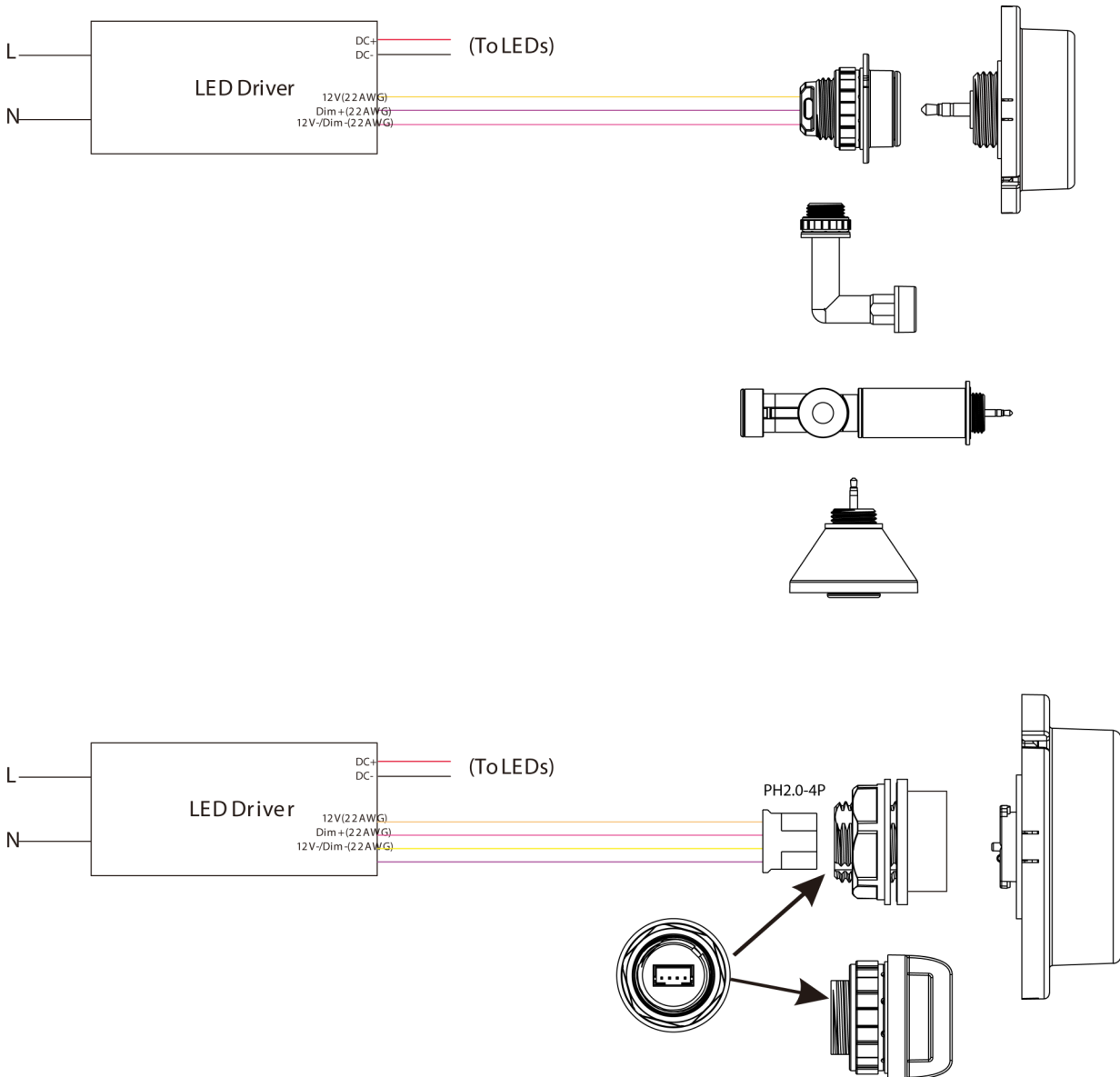
efficiency. illuminated.

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Accessory Ordering Guide

| MODEL | Description |
|------------------|----------------------------------|
| JLS-LLE-SC01-AUX | 3.5mm Audio receptacle |
| JLS-LLE-SC02-AUX | 3.5mm Audio 90° external adapter |
| JLS-LL-SC03-AUX | Turnable AUX Mating Receptacle |
| JLS-LL-SC04-AUX | Extension Adapter For 3.5mm AUX |
| JLS-LL-BH4 | BH4 Mating Receptacle |

WIRING

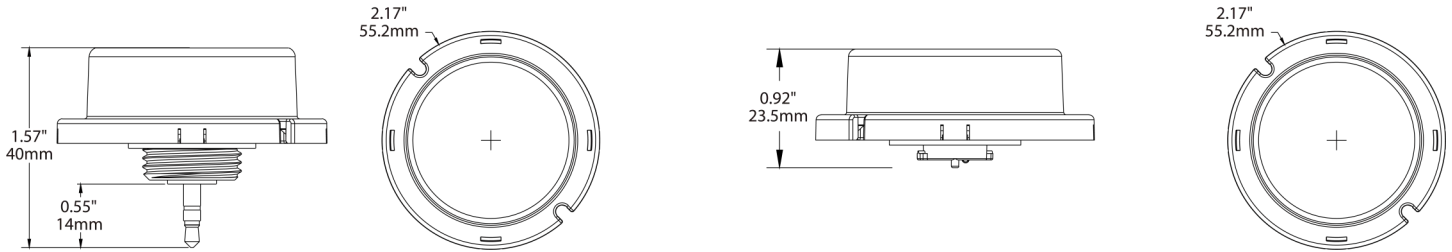


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DIMENSIONS

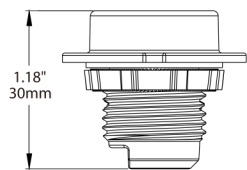
Unit:inch/mm



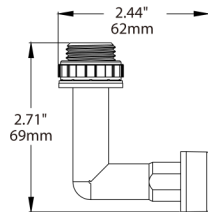
ACCESSORY DIMENSIONS

Unit:inch/mm

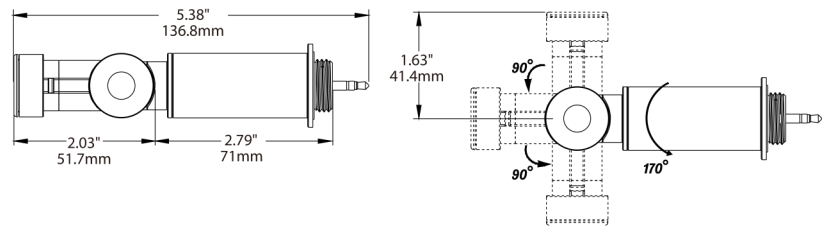
JLS-LL-SC01-AUX



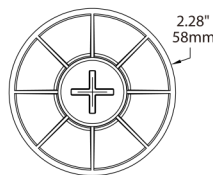
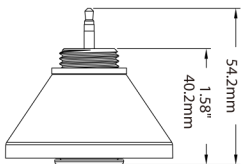
JLS-LL-SC02-AUX



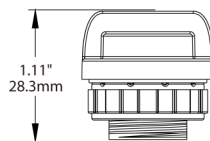
JLS-LL-SC03-AUX



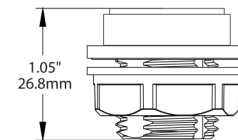
JLS-LL-SC04-AUX



JLS-LL-BH4

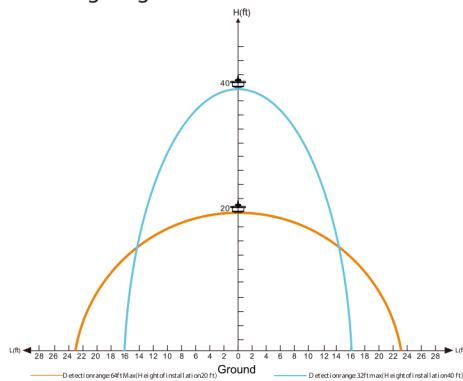


JLS-LL-BH4W



COVERAGE

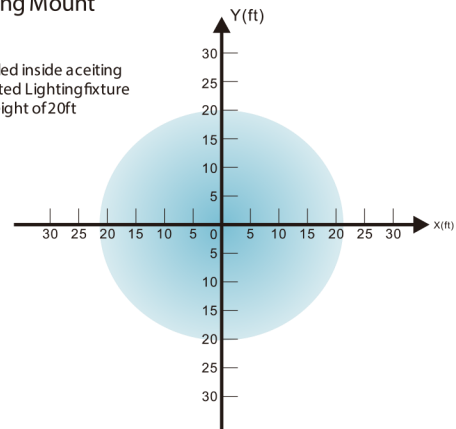
Suggested Mounting Height: 20-40ft



Ceiling Mount



Installed inside a ceiling mounted Lighting fixture at a height of 20ft



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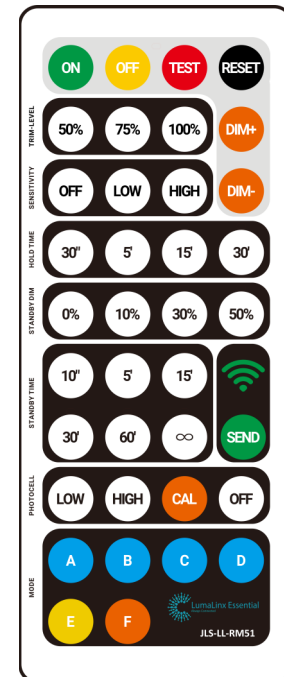
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REMOTE GUIDE

| | |
|---------------------------|---|
| 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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