# ESLTOPJX00SR

**EliteControl** FULHAM



FCC | Bluetooth | c UL us LISTED E513534 | CE | RoHS COMPLIANT

## Fulham's Link: Smart Link+

- PIR occupancy detection sensor
- Built in Daylight Harvesting
- Plug and play: RJ12 connection
- Compatible only with Fulham's connected devices (EliteControls Workhorse)

- FCC ID:2AJ9LESLTOPJX00SR
- Operating Frequency 2.4GHz
- SIG qualified Bluetooth Mesh
- Suitable for IP20 Locations

### General Specifications

| | |
|---|---|
| Input Voltage | 5V⎓ |
| Input Current | 30mA(Max) |
| Opration Ambient Temperature Rang | 0°C to 60°C (32°F to 140°F) |
| Operating Relativity Humidity Range | 0-90% |
| Max. Case Temperature per certification | 61°C |
| Sound Rating | A |
| Service Life | 50,000 hours |
| RFI/EMI | FCC PART 15B CONSUMER |
| Approvals/Class | cULus Listed, CE, FCC type 15B, RoHS |
| Location/IP Rating | Suitable for Dry Location/ IP20 (when mounted directly onto luminaire using threaded nut) |
| Occupancy Detection Angle | 62° |
| Occupancy Detection Area | Ø4m/H=2.4m , Ø5m/H=2.7m |
| Daylight Harvesting Type | Ambient Light Sensor |
| Interface | RJ12 (45 push-in port) |
| Status Indicators | See Figure1 |
| Operating Frequency | 2.4GHz |
| Modulation | GFSK |
| The Gain of Antenna | 1dBi |
| RF Output Power | -1dBm |
| Effective Working Distance | 50m line of sight (No obstacle) |

Fulham EliteBlue

Download on the App Store

Fulham's EliteBlue commissioning app can be found on the Apple app store by searching "EliteBlue".
For web app, please visit https://eliteblue.fulham.com
Complete commissioning manual can be found at:
https://www.fulham.com/PDFs/eliteBlue-commissioning-manual.pdf

**Fulham Co. Inc.: 12705 South Van Ness Ave., Hawthorne, CA 90250 Tel.: 1-323-779-2980 Fax.: 1-323-754-9060.  order@fulham.com  www.fulham.com**
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## Graphs

### Figure 1- Detection pattern



| H | X | Y |
|---|---|---|
| 7.9' (2.4m) | 13.1' (4m) | 13.1' (4m) |
| 8.9' (2.7m) | 16.4' (5m) | 16.4' (5m) |



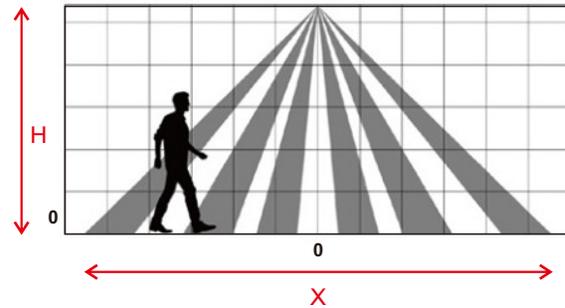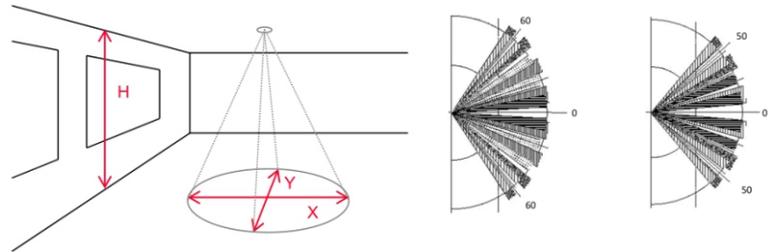### Figure 2 - Blinking sequence of Status LED

UNPROVISONED

30ms

300ms

PROVISONED

30ms

2000ms

FACTORY RESET

100ms

1000ms

100ms

500ms

MESH PACKAGE RECEIVED

30ms

50ms

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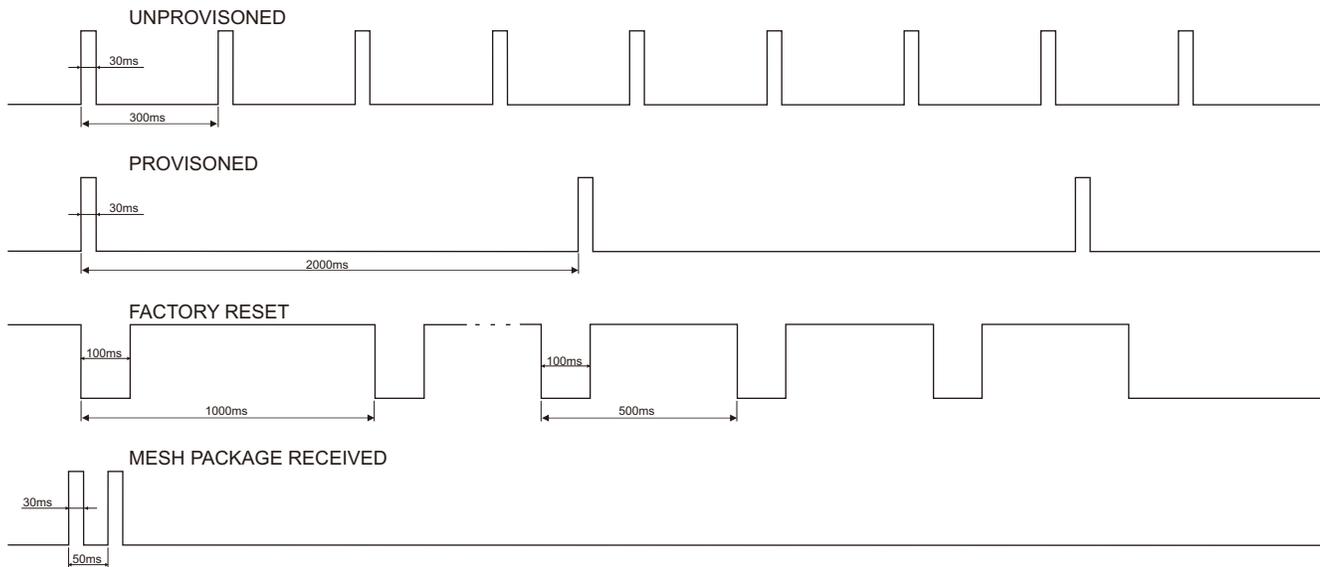
# ESLTOPJX00SR

## Mechanical Drawings



ø2.24"
(ø57mm)

½"−14NPSM−2A

2.58"
(65.5mm)

1.61"
(41mm)
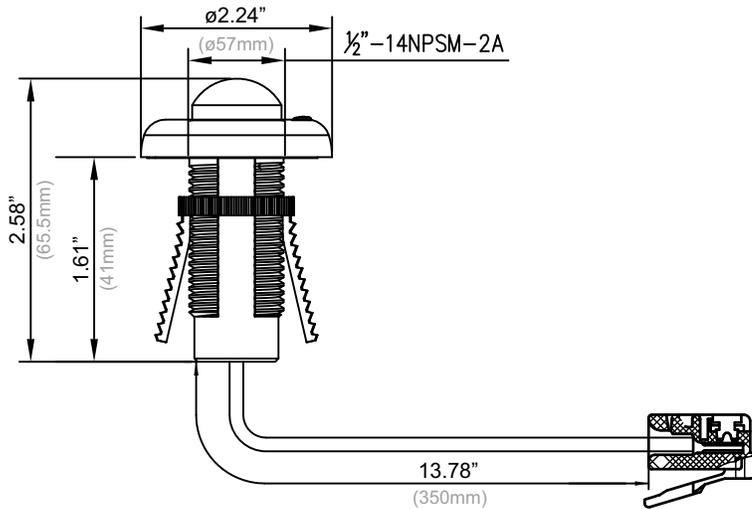
13.78"
(350mm)

| Overall Dimensions | |
|---|---|
| Diameter | 2.24 " (57 mm) |
| Height | 2.5 8" (65.5mm) |
| **Wire Length** | |
| RJ12 Wire (White) | 13.78" (350mm) |

## Wire Diagram

### TOP VIEW



BLK(L)
WHT(N)

INPUT

PUR
PNK

DIMMING
0-10V

LED
DRIVER

OUTPUT

R-SET

I²C

BLU
RED
ORG
YLW

Note: Pink or Gray dimming wire provided. use interchangeably.
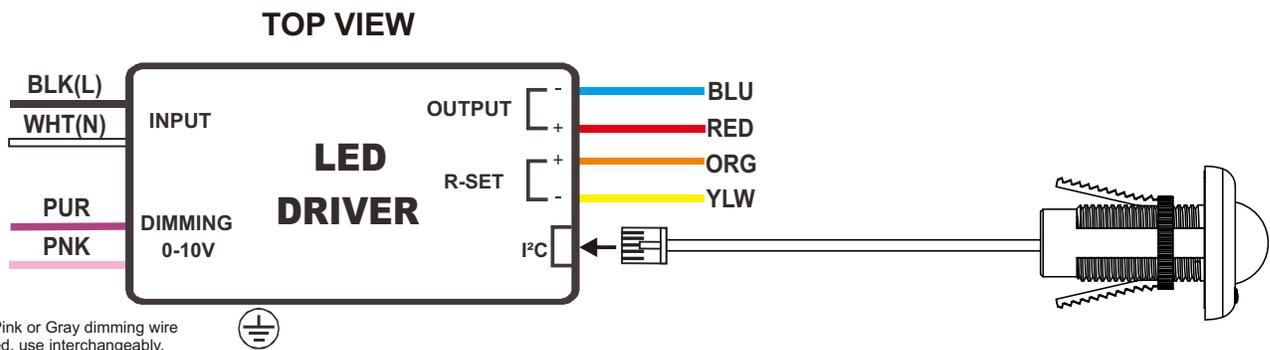
## NOTES :

1) This driver must be installed by a licensed electrician
2) This driver must be grounded
**FCC Caution:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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# ESLTOPJX00SR

**Guidelines**

### Compatible
- Only compatible with Fulham's connected products (EliteControls Workhorse)

### Warranty
- Reference Fulham's limited Warranty: https://cdn.fulham.com/PDFs/Limited-Warranty.pdf

### FCC Caution
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
  (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
  Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Notes:
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules:

  These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

  —Reorient or relocate the receiving antenna.
  —Increase the separation between the equipment and receiver.
  —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  —Consult the dealer or an experienced radio/TV technician for help.

- FCC RF Radiation Exposure Statement:
  This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
  This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

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FC  Bluetooth  c(UL)us LISTED E513534  CE  RoHS COMPLIANT

## Accessories

### Switch

Fulham Part Number: **ESRPB-W-EO** (Single)
**EDRPB-W-EO** (Double)

- Single rocker EnOcean switch

- Double rocker EnOcean switch

### Driver
Fulham Part Number: **T2C1UNV150P-40L** (BLE Compatible Constant Current Programmable Driver)

## Fulham Application Information

Reference Fulham's commissioning guide: https://www.fulham.com/PDFs/eliteBlue-commissioning-manual.pdf

Fulham EliteBlue

Download on the App Store

Fulham's EliteBlue commissioning app can be found on the Apple app store by searching "EliteBlue".
For web app, please visit https://eliteblue.fulham.com
Complete commissioning manual can be found at:
https://www.fulham.com/PDFs/eliteBlue-commissioning-manual.pdf

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# EliteControl FULHAM

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## Part Number Matrix

| E | SL | T | OP | J | X | 00 | SR |
|---|----|---|----|----|----|----|----|
| Lighting Control | Subfamily | Primary Protocol & Powering | Primary Control Channels | Package | Secondary Protocol & Powering | Secondary Control Channels | Detection Range |
| E = EliteControl | SL = Smart Link | T = Bluetooth | OP =Occupancy &Photo sensor | J = J-Box Mount (Conduit Male fitting connector) | X = None | 00 = None | SR = Short Range |

## Product Image: External PIR Smart Link+



## Packaging

Master Carton
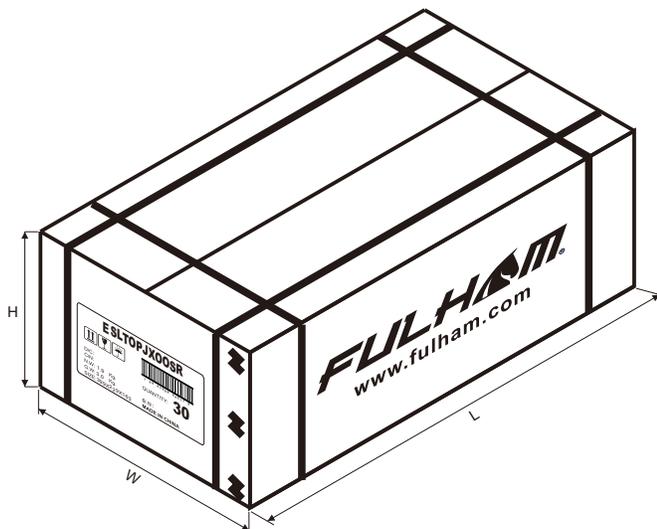


### OUTER DIMENSION

| L | W | H |
|---|---|---|
| 15.71"(399mm) | 9.02"(229mm) | 6.42"(163mm) |

| Net Weight | Gross Weight | QUANTITY |
|---|---|---|
| 0. 09 lbs. (0. 042 kg) | 4. 44 lbs. (2.0 kg) | 30pcs |

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