



ESLI01HB01

SELV  LISTED E513534   Bluetooth® IP66   RoHS COMPLIANT

Fulham's SmartLink: an external Bluetooth radio

- SIG qualified Bluetooth Mesh
- Plug and play: RJ12 connection
- Compatible only with Fulham's connected drivers (EliteControls Workhorse)
- Operating Frequency 2.4GHz
- CE, RoHS
- FCC Part 15B Consumer, EN55015
- Suitable for Dry, Damp, or Wet Locations/ Ip66
- FCC ID:2AJ9LES LI01HB01

General Specifications

Input Voltage	5V
Input Current	30mA,Max
Input Power	0.15W
Status Indicators	See Figure1
Operating Frequency	2.4GHz
Modulation	GFSK
The Gain of Antenna	1dBi
RF Output Power	4dBm
Operation Ambient Temperature Rang	- 40°C to 73°C (- 40°F to 163.4°F)
Operating Relativity Humidity Range	0-95%
Max. Case Temperature per certification	75°C
Sound Rating	A
Service Life	50,000 hours
RFI/EMI	FCC PART 15B CONSUMER
Approvals/Class	CE, FCC type 15B, RoHS
Effective Working Distance	50m line of sight (No obstacle)
Location/IP Rating	Suitable for Dry, Damp, or Wet Locations/ IP66 (when mounted directly onto luminaire using threaded nut)
Detection Angle	150° for wall installation / 360° for ceiling installation
Interface	RJ12 (45° push-in port)

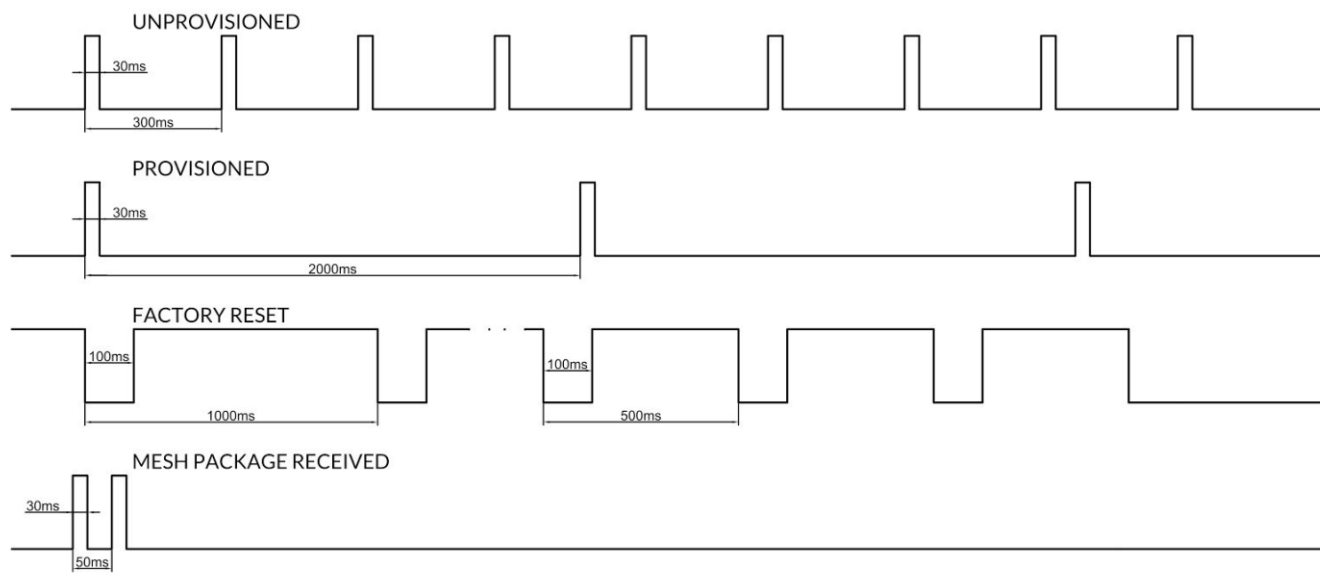


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Graphs

Figure1- Blinking sequence of Status LED

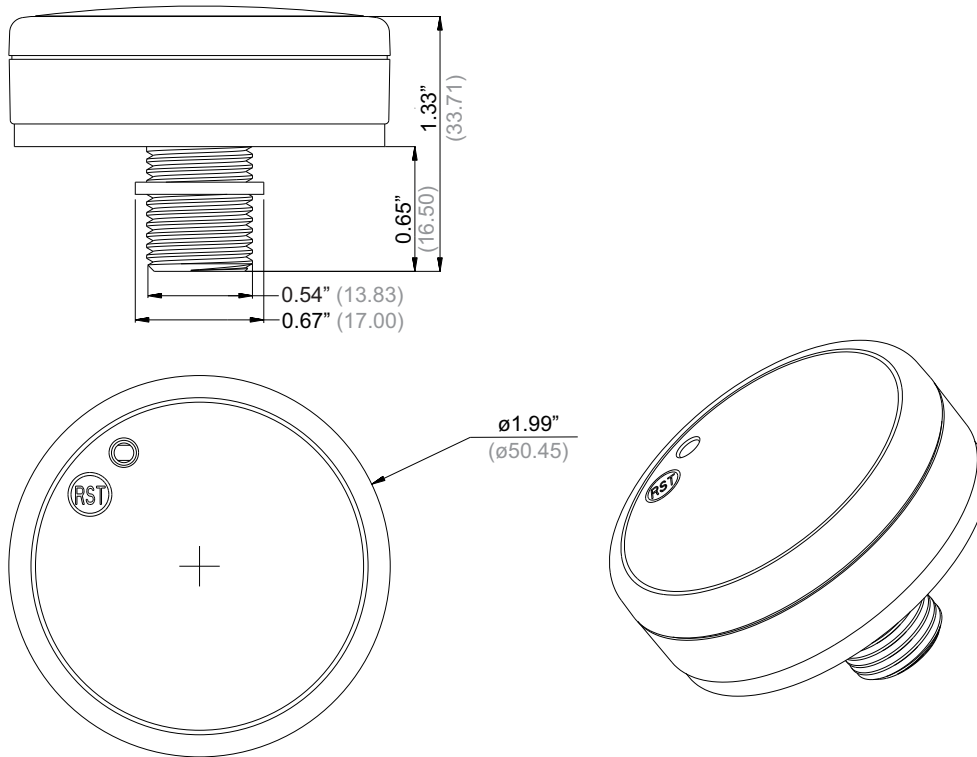




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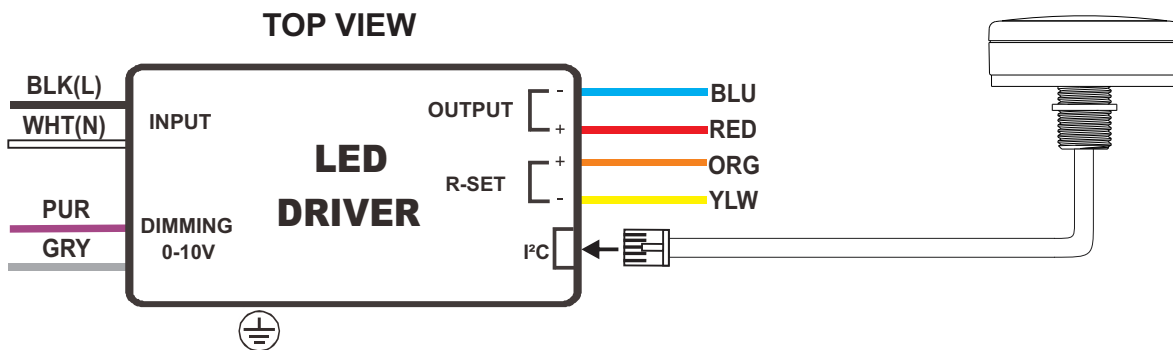
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Mechanical Drawings



Overall Dimensions	
Diameter	1.99" (50.45mm)
Height	1.33" (33.71mm)
Threaded Rod	
Diameter	0.54" (13.83mm)
Length	0.65" (16.50mm)
Wire Length	
RJ12 Wire (White)	20" (508mm)

Wire Diagram



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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Guidelines

Compatible

- Only compatible with Fulham's connected drivers (EliteControls Workhorse)

Warranty

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

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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



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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Part Number Matrix

<u>E</u>	<u>SL</u>	<u>I</u>	<u>01</u>	<u>H</u>	<u>B</u>	<u>01</u>
<u>Lighting Control</u>	<u>Subfamily</u>	<u>Primary Protocol & Powering</u>	<u>Primary Control Channels</u>	<u>Package</u>	<u>Secondary Protocol & Powering</u>	<u>Secondary Control Channels</u>
E = EliteControl	SL = SmartLink	I = I ² C / I ² C Bus Powered	01 = 1 Channel	H = Hole Mount	B = Bluetooth	01 = 1 Channel

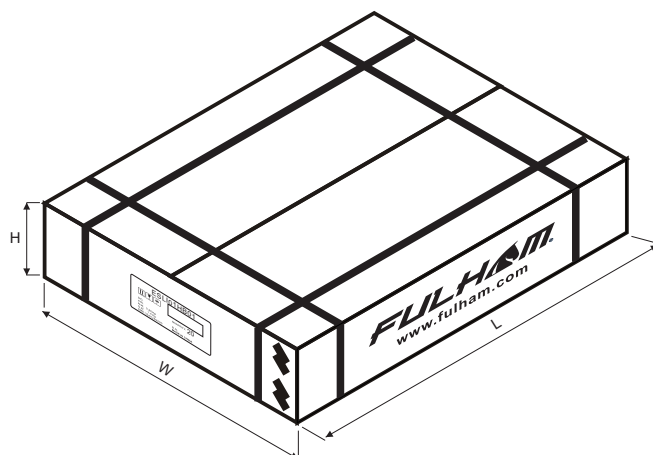
Product Image: External Bluetooth Radio

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Packaging

Master Carton



OUTER DIMENSION		
L	W	H
13.94"(354mm)	10.2"(259mm)	3.54"(90mm)
Net Weight	Gross Weight	QUANTITY
1.89 lbs. (0.86 kg)	3.08 lbs. (1.4 kg)	20pcs