

MESH SENSOR & CONTROLLER



**BLUETOOTH® NLC
SENSORS**



2026



SILVAIR

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BLUETOOTH SIG
MESH SENSOR
& CONTROLLER

WIRELESS LIGHTING CONTROL SOLUTION AT YOUR FINGERTIPS

Sharkward is a leading manufacturer of energy efficient products for north America and have been designing and manufacturing since 2008. These products include passive Infrared sensor and microwave sensor, **BLUETOOTH SIG MESH LIGHTING CONTROLS.**

Since 2021, Sharkward work with Silvair, we've launched a series Wireless devices: bluetooth Sensors, Controller, Switches, etc...



Sharkward get UL for all motion sensors for north America based on **TITLE 24, DLC NLC 5.0** and give 5 years warranty for all motion sensors, and all motion sensors with copy right in USA. Our Silvair-enabled Bluetooth sensors is also **Blue-tooth SIG Qualified.**



What is Bluetooth® NLC

Bluetooth® Networked Lighting Control (NLC) is the only full-stack standard for wireless lighting control. Bluetooth NLC offers standardization from the radio through the device layer, enabling true multi-vendor interoperability and mass adoption of wireless lighting control.

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The Benefits of Bluetooth® NLC

Specifically designed to meet the scale, reliability, and security demands required in commercial settings, Bluetooth® NLC is the only full-stack standard for wireless lighting control. By offering standardization from the radio through the device layer, Bluetooth® NLC enables true multi-vendor interoperability and mass adoption of wireless lighting control.

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ANT-1P-4T-BLE-SR
ANT-1P-4B

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cUL
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Bluetooth®
Declaration ID: D062134



DC 3.5 PIN Plug and Play

Bluetooth PIR Sensor

ANT1 P-4T-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

Plug in & play design, low voltage connector, match with 3.5mm audiojack base ANT-1P-4B.

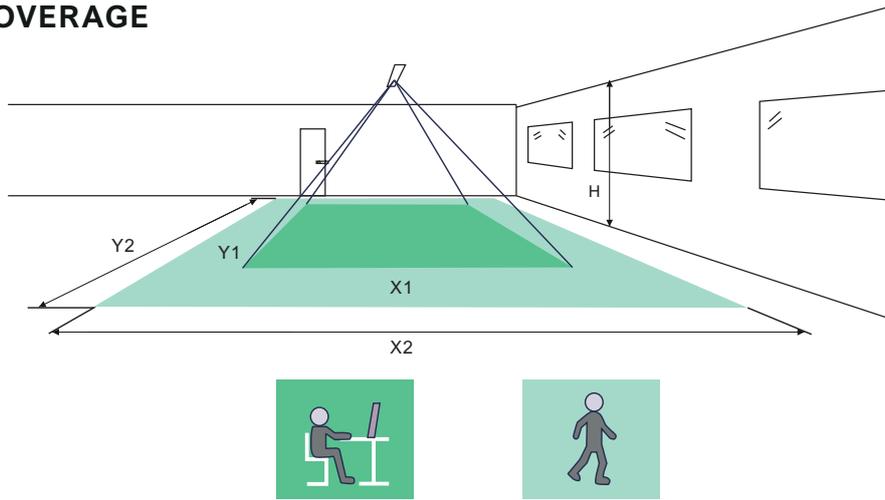


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C~60°C
IP rating	20
Max Bluetooth Range	100ft(30m)
Warranty	5years



SENSOR COVERAGE

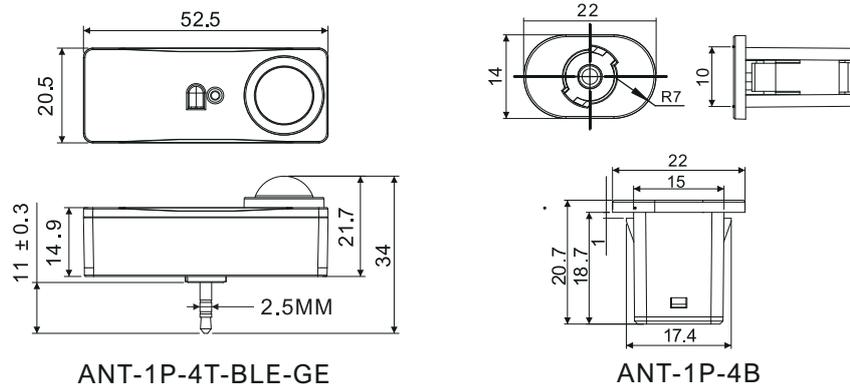


Height	Minor Movement		Major Movement	
H	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

DIMENSIONS AND APPEARANCE

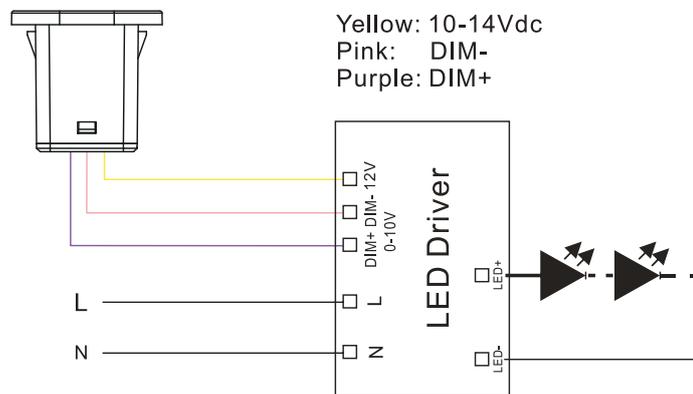
Unit:mm



ANT-1P-4T-BLE-GE

ANT-1P-4B

WIRING DIAGRAM



ANT-1P-5T-BLE-SR
ANT-1P-5B

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Bluetooth®
Declaration ID: D062134

10-14V PIR Plug and Play Bluetooth PIR Sensor

Bluetooth PIR Sensor

ANT1 P-5T-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

Plug in & play design, low voltage connector, match with 3.5mm audiojack base ANT-1P-5B.

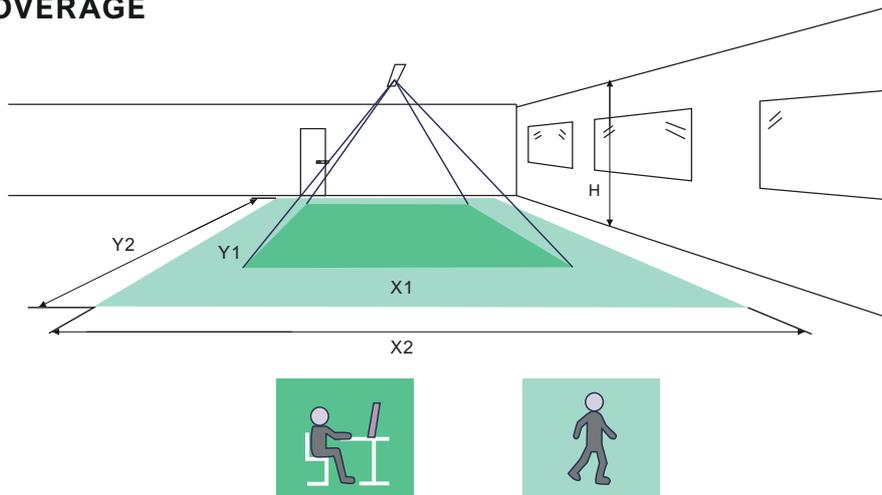


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C~60°C
IP rating	20
Max Bluetooth Range	100ft(30m)
Warranty	5years



SENSOR COVERAGE

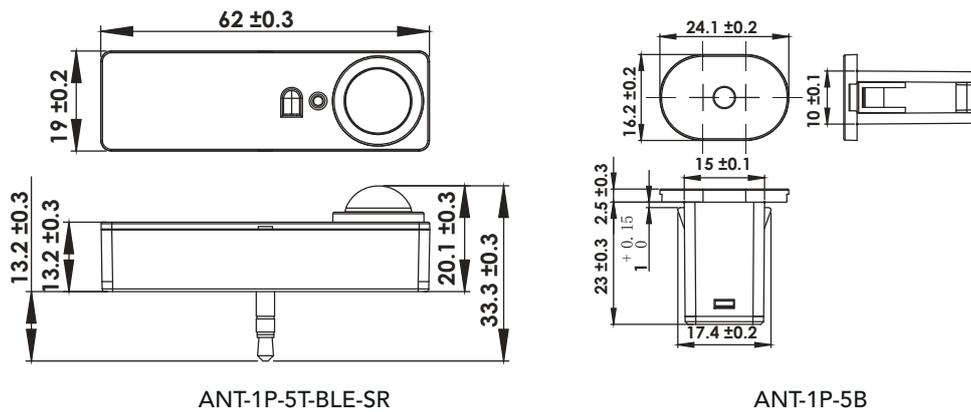


Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

DIMENSIONS AND APPEARANCE

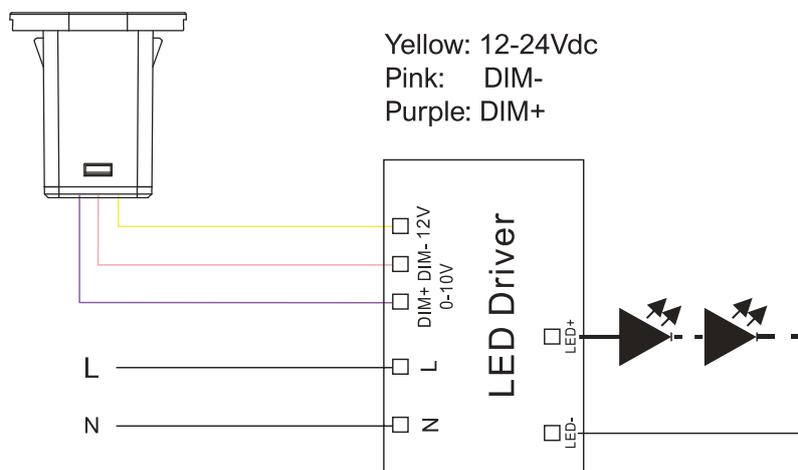
Unit:mm



ANT-1P-5T-BLE-SR

ANT-1P-5B

WIRING DIAGRAM



ANT-3D-BLE-SR

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10-14V PIR Plug and Play Bluetooth PIR Sensor

Bluetooth PIR Sensor

The ANT-3D-BLE-SR uses bluetooth microwave motion detector architecture technology for improved detection coverage for low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

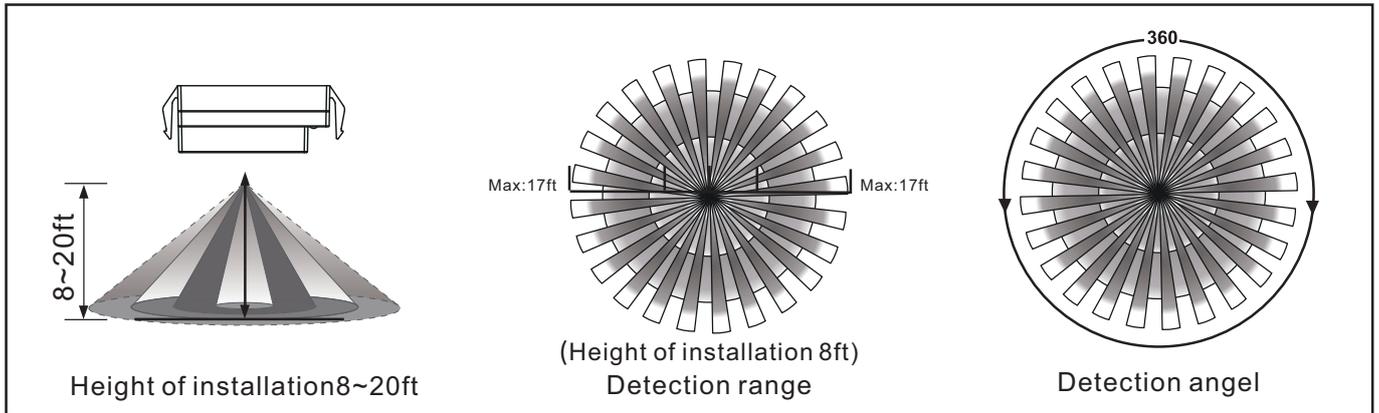


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-40°C~70°C
IP rating	20
Max Bluetooth Range	100ft(30m)
Warranty	5years

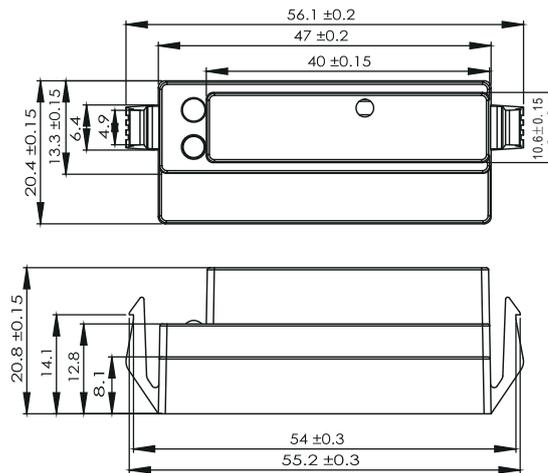


SENSOR COVERAGE

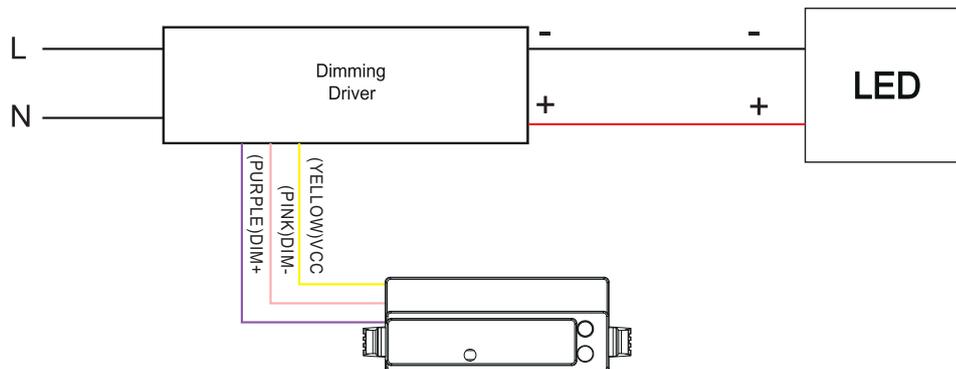


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-5-4T-BLE-SR

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Declaration ID: D062134



12-24V 0-10V Fixture-Integrated

Bluetooth Microwave Sensor

ANT-5-4T-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Plug in & play design, low voltage connector, match with audio jack ANT-5-4B-2.

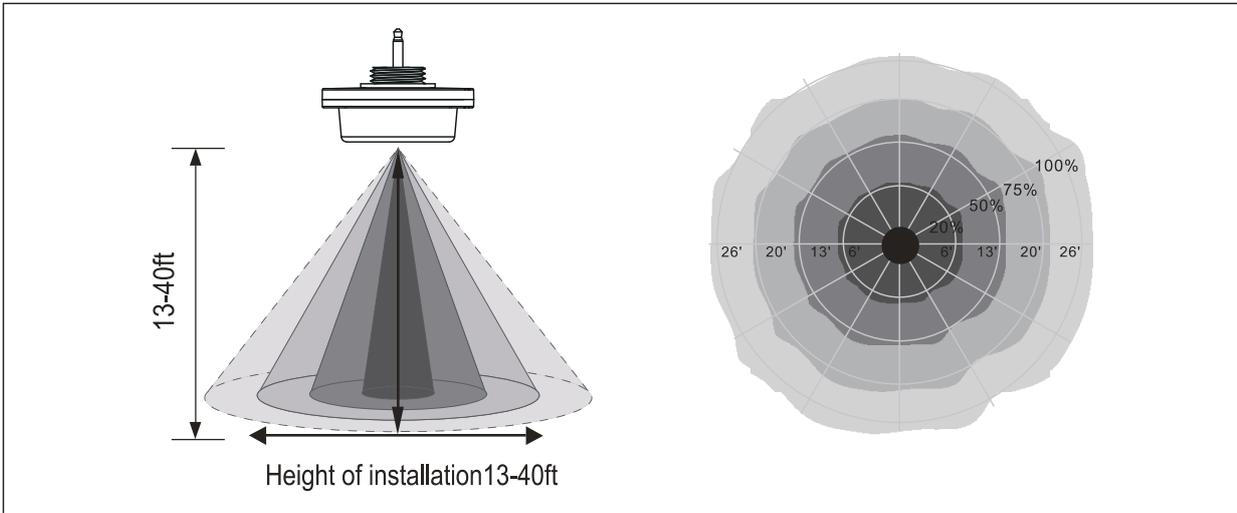


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years

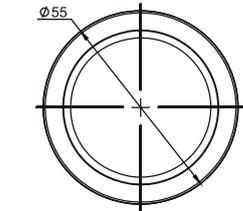
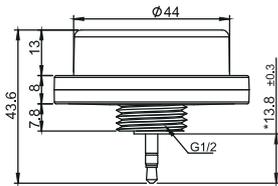


SENSOR COVERAGE

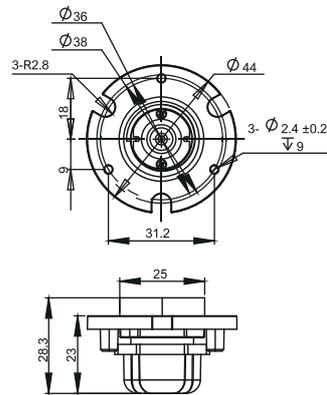


DIMENSIONS AND APPEARANCE

Unit:mm

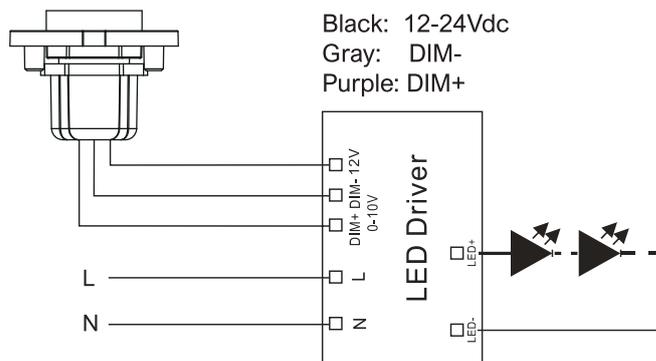


ANT-5-4T-BLE-SR(receptacle)



ANT-5-4B-2(receptacle)

WIRING DIAGRAM



ANT-5-ZT-BLE-SR

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Declaration ID: D062134

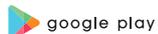
12-24V 0-10V ZHAGA BOOK 18

Bluetooth Microwave Sensor

ANT-5-ZT-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silclair app.

ZHAGA BOOK 18 appearance design, low voltage connector, match with ZHAGA BOOK 18 BASE ANT-5-ZB.

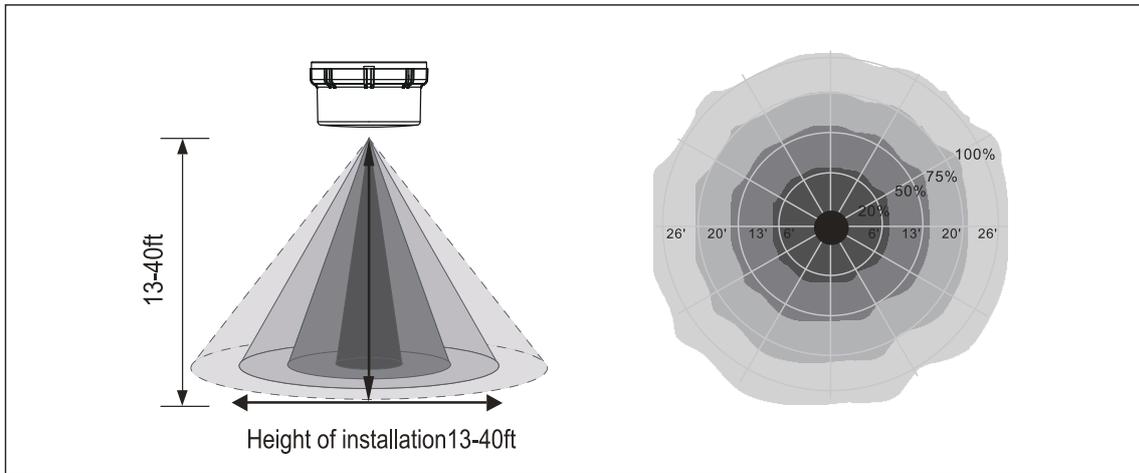


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years

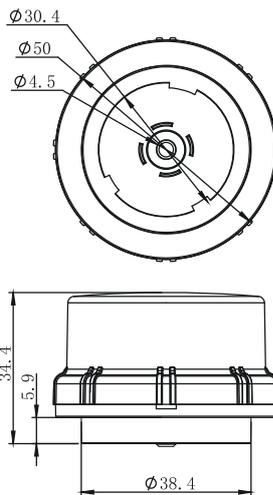


SENSOR COVERAGE



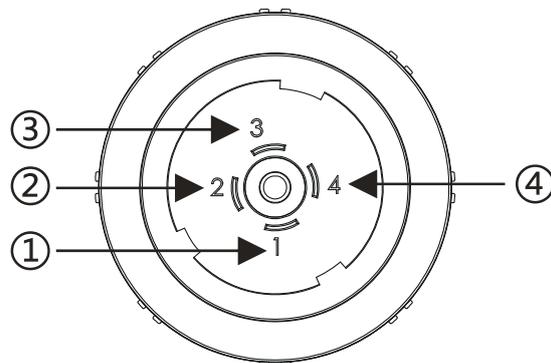
DIMENSIONS AND APPEARANCE

Unit:mm



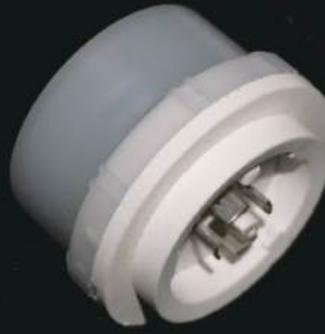
WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC



ANT-5-Z10-BLE-SR

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Declaration ID: D062134

12-24V 0-10V Z10 Receptacle

Bluetooth Microwave Sensor

ANT-5-Z10-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silclair app.

Z10 design, low voltage connector, match with all Z10 base ANT-5-Z10B.

Download on the
App Store



google play

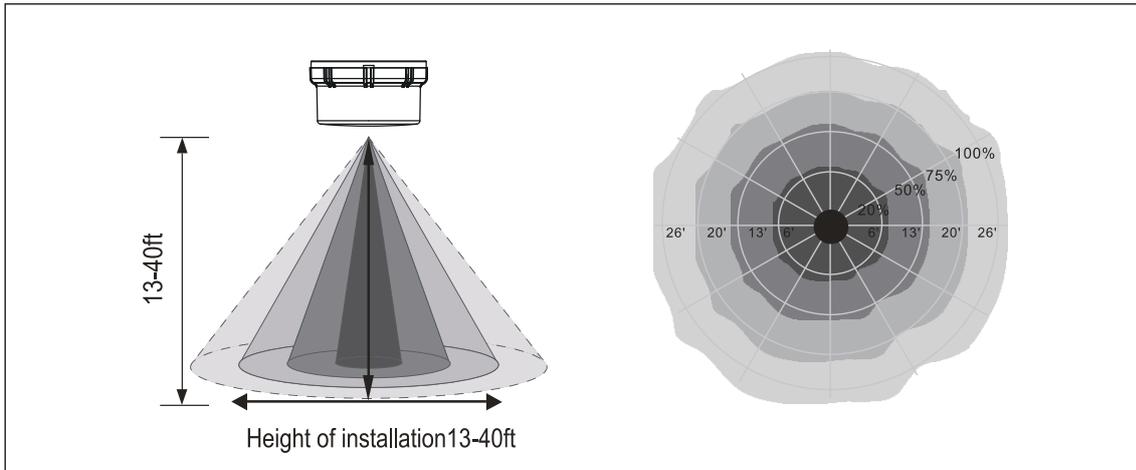


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years

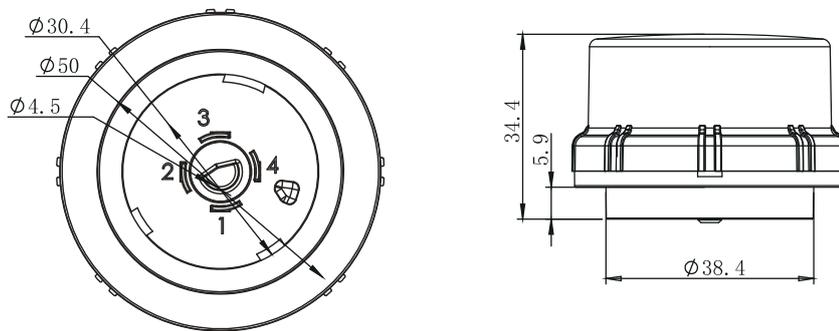


SENSOR COVERAGE



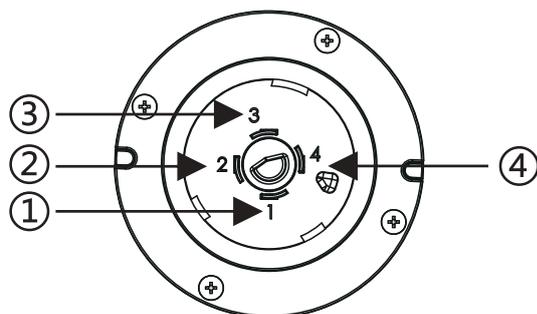
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC



ANT-5-4R-BLE-SR

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Bluetooth®
Declaration ID: D062134



12-24V 0-10V 3PIN Receptacle

Bluetooth Microwave Sensor

ANT-5-4R-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

3PIN design, low voltage connector, match with Sharkward ANT-5-4S.

Download on the
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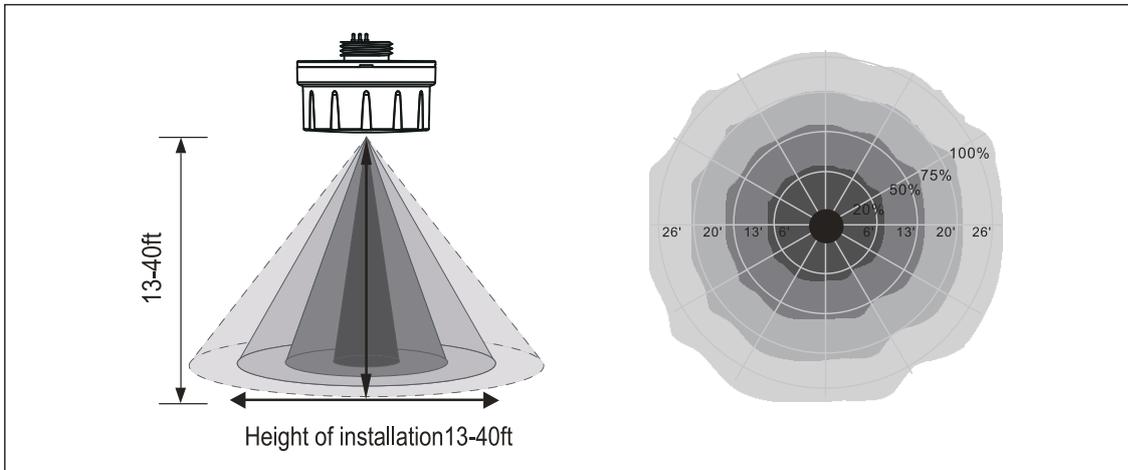


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years

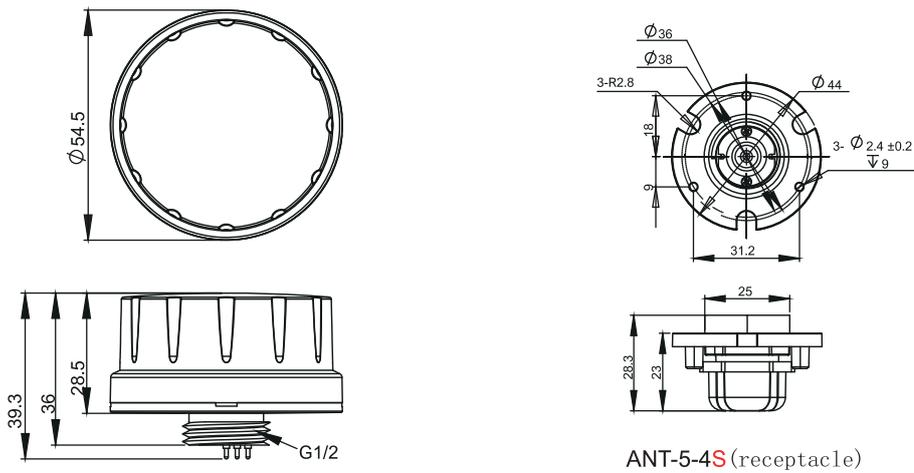


SENSOR COVERAGE

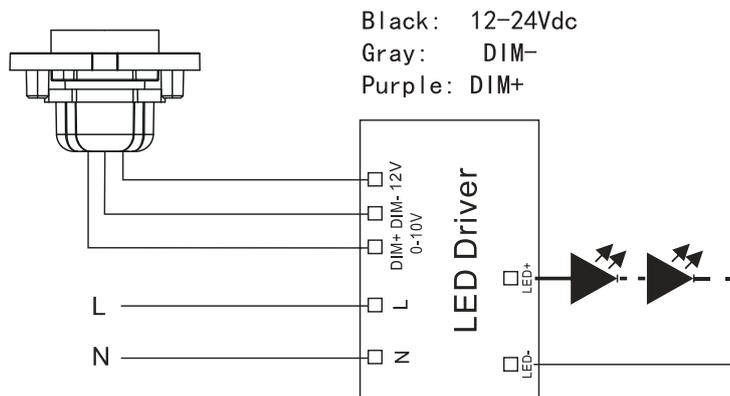


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-5-4H-BLE-SR

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Bluetooth®
Declaration ID: D062134

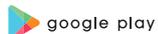
12-24V 0-10V Sensor with Longer 3PIN

Bluetooth Microwave Sensor

ANT-5-4H-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silclair app.

3PIN design, low voltage connector, match with Sharkward ANT-5-16S3.



TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years



ANT-6-4T-BLE-SR

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Bluetooth®
Declaration ID: D062134



12-24V 0-10V Plug and Play

Bluetooth PIR Sensor

ANT-6-4T-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Plug in & play design, low voltage connector, match with audio jack ANT-5-4B-2.

Download on the
App Store



google play

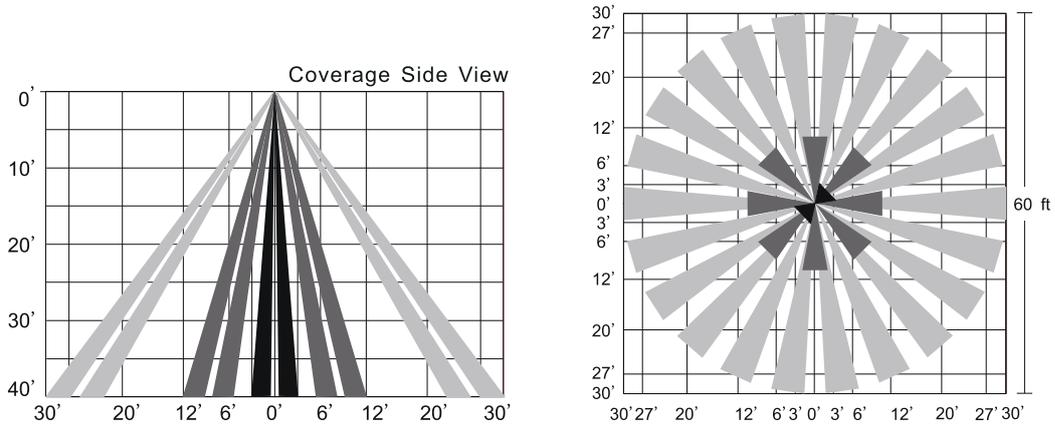


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
IP rating	65
Max Bluetooth Range	200ft(60m)
Warranty	5years

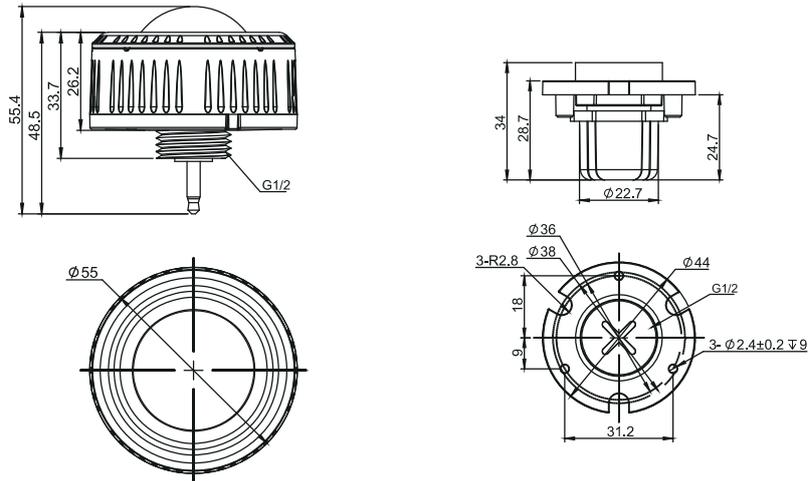


SENSOR COVERAGE



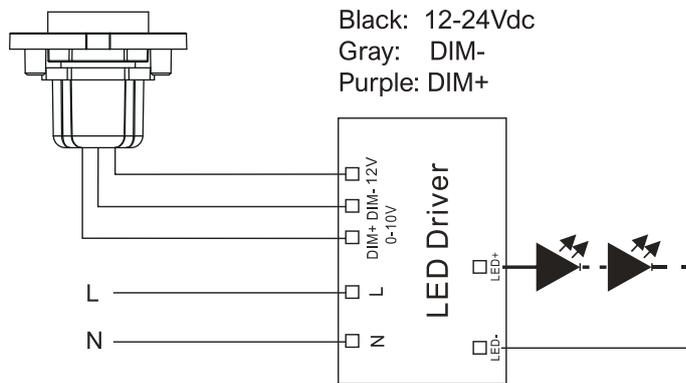
DIMENSIONS AND APPEARANCE

Unit:mm



ANT-6-4T-BLE-SR (sensor)

WIRING DIAGRAM



ANT-6-ZT-BLE-SR

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Bluetooth®
Declaration ID: D062134



12-24V 0-10V Fixture-Integrated ZHAGA BOOK 18

Bluetooth PIR Sensor

ANT-6-ZT-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Plug in & play design, low voltage connector, match with ZHAGA BOOK 18 BASE ANT-5-ZB.

Download on the
App Store



google play

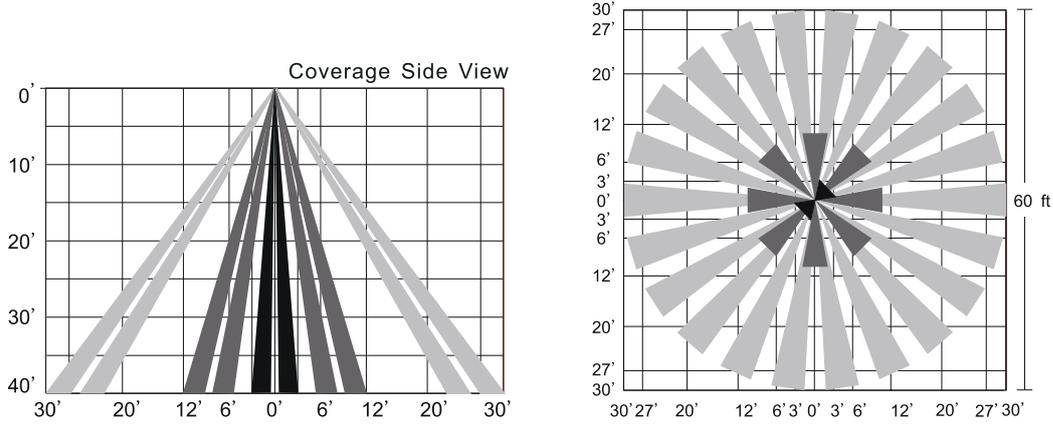


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
IP rating	65
Max Bluetooth Range	200ft(60m)
Warranty	5years

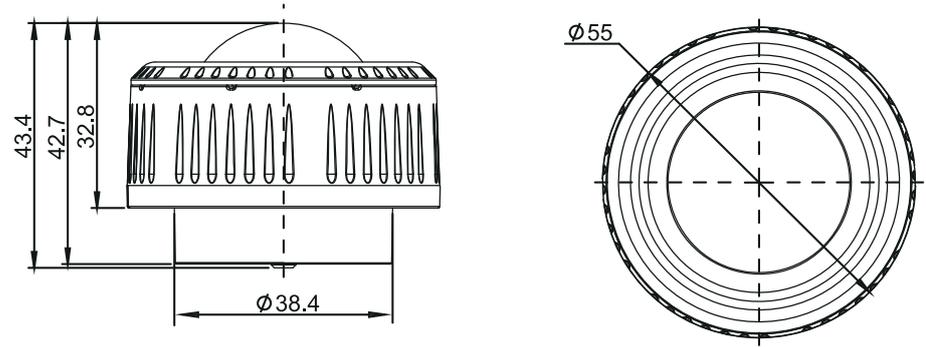


SENSOR COVERAGE



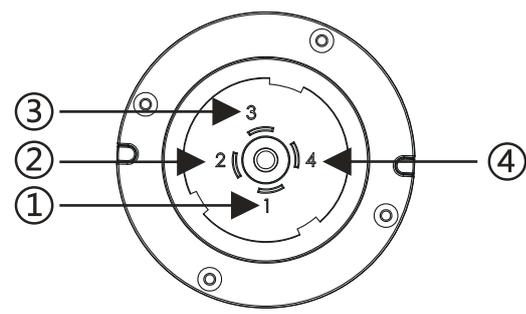
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC



ANT-6-Z10-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



12-24V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

ANT-6-Z10-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Plug in & play design, low voltage connector, match with Z10 BASE ANT-5-Z10B.

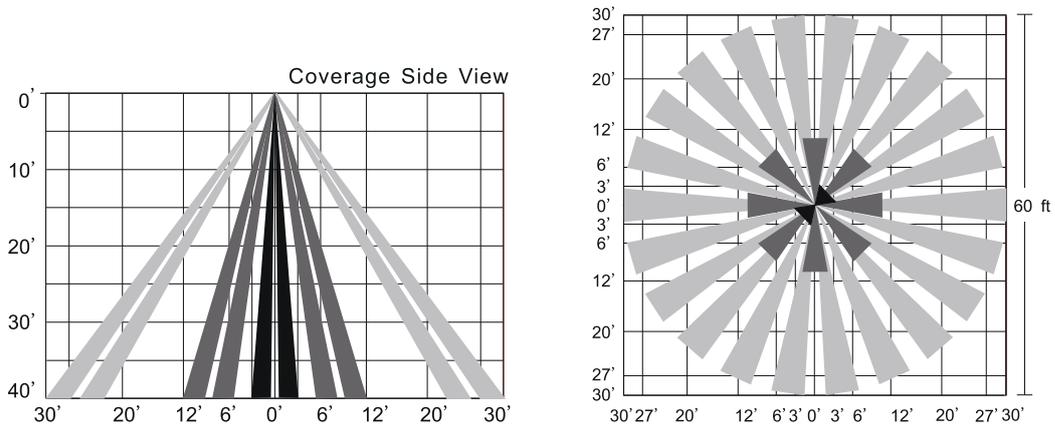


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
IP rating	65
Max Bluetooth Range	200ft(60m)
Warranty	5years

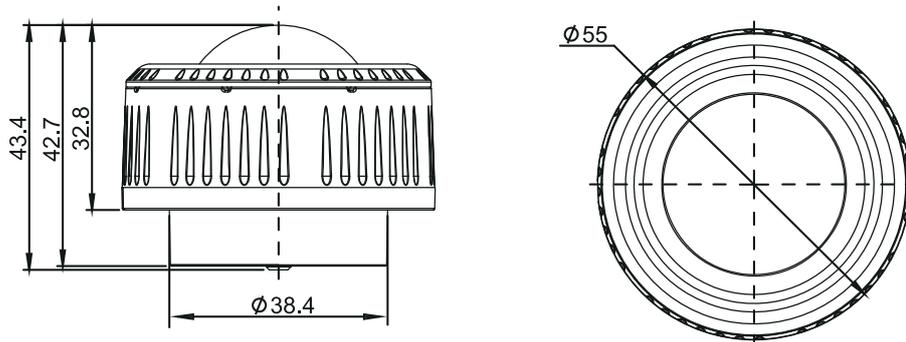


SENSOR COVERAGE



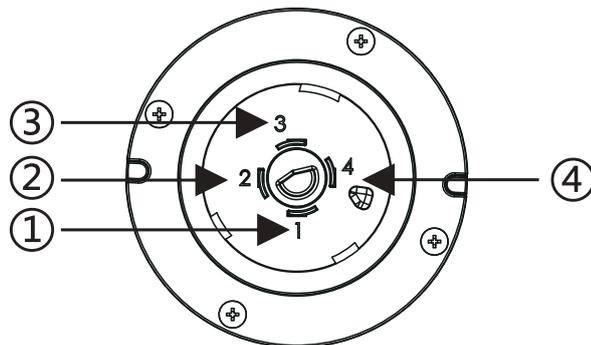
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC



ANT-6-4R-BLE-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

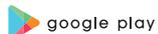
12-24V 0-10V Bi-level 3PIN Receptacle

Bluetooth PIR Sensor

ANT-6-4R-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

3PIN design, low voltage connector, match with Sharkward ANT-5-4S.

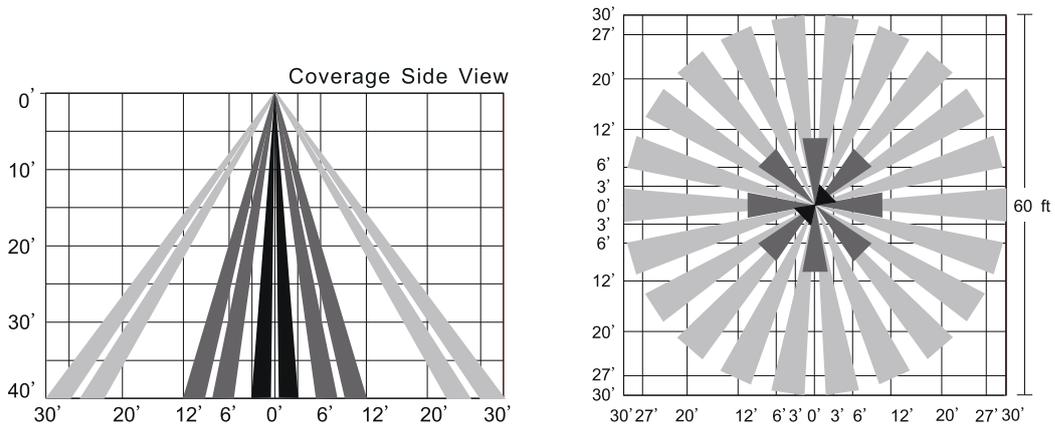


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
IP rating	65
Max Bluetooth Range	200ft(60m)
Warranty	5years

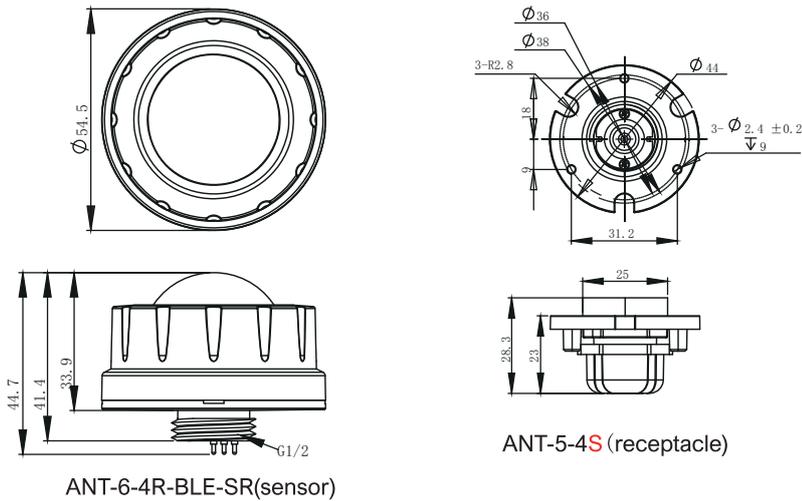


SENSOR COVERAGE

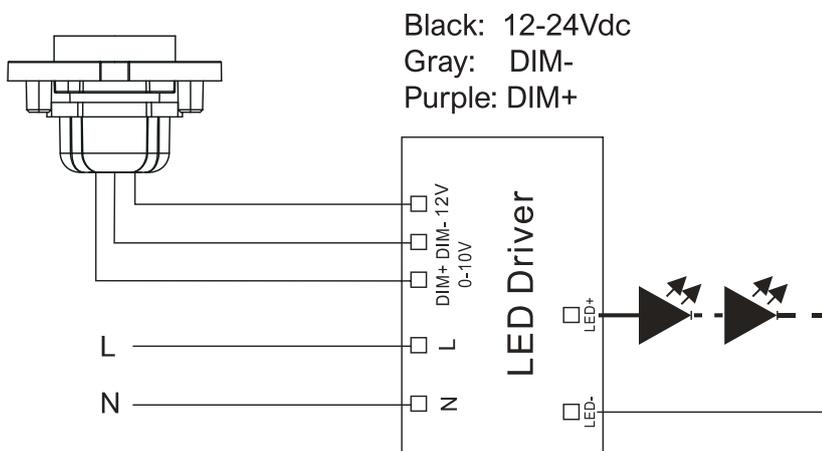


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-6-4H-BLE-SR

SILVAIR



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ETL
DLC
Bluetooth®
Declaration ID: D062134

12-24V 0-10V Bi-level 3PIN Receptacle

Bluetooth PIR Sensor

ANT-6-4H-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

3PIN design, low voltage connector, match with Sharkward ANT-5-16S3.

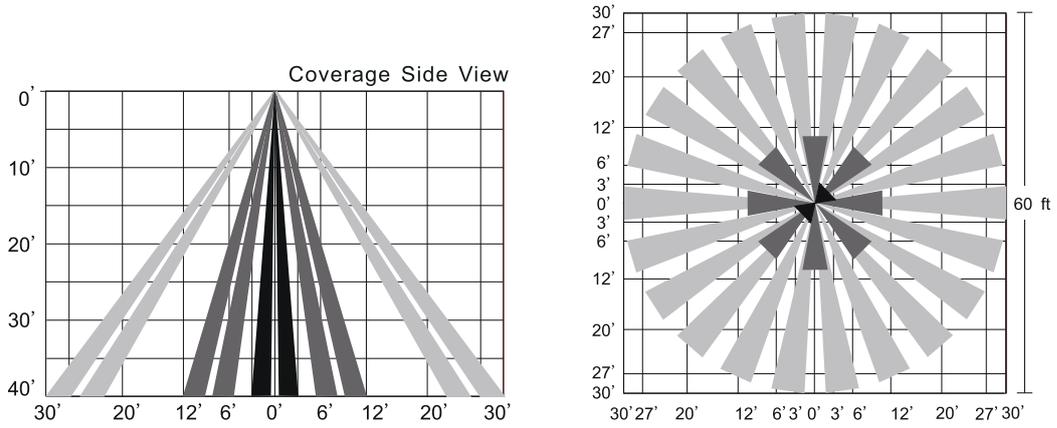


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
IP rating	65
Max Bluetooth Range	200ft(60m)
Warranty	5years

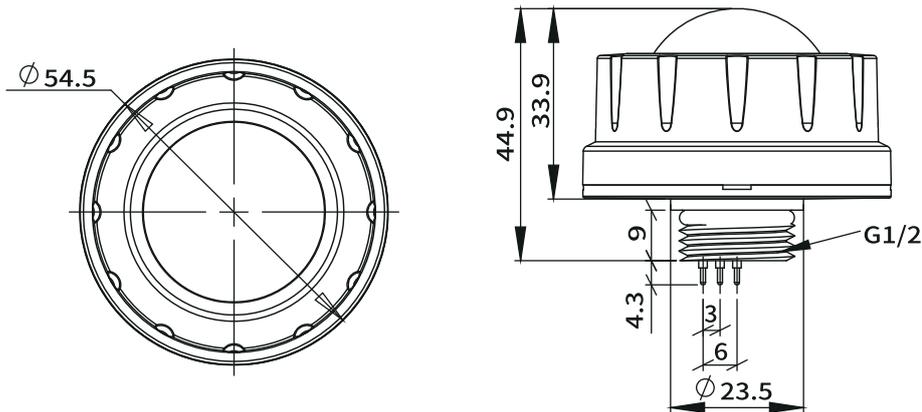


SENSOR COVERAGE

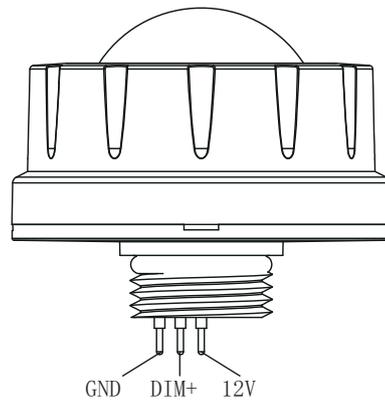


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-6-4T-H-BLE-SR

SILVAIR



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Bluetooth®
Declaration ID: D062134

12-24V 0-10V Plug and Play

Bluetooth PIR Sensor

The ANT-6-4T-H-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Plug in & play design, low voltage connector, match with audio jack ANT-5-4B-2.

Download on the
App Store



google play

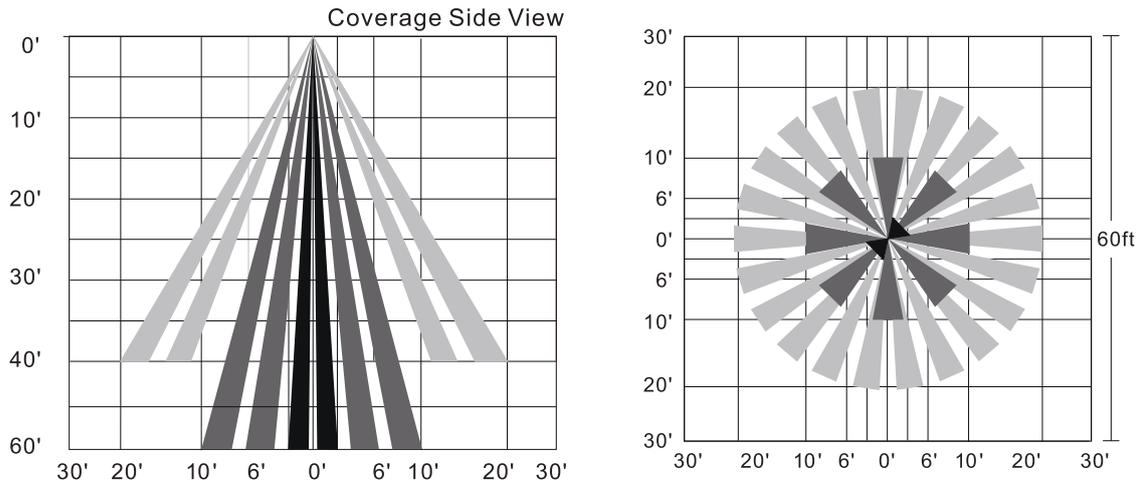


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	50ft(15m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
IP rating	65
Max Bluetooth Range	200ft(60m)
Warranty	5years

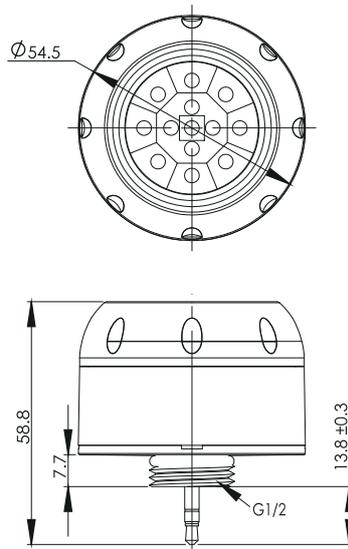


SENSOR COVERAGE

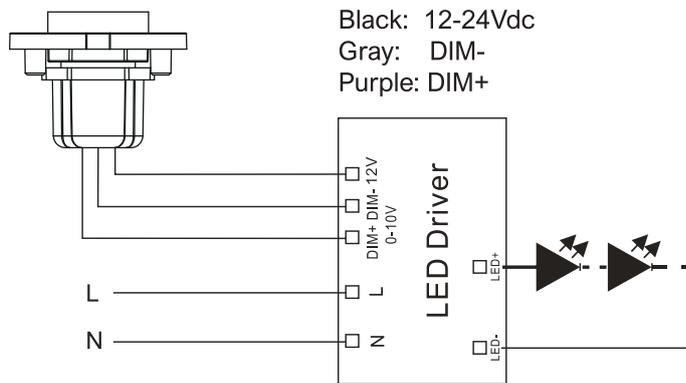


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-6-ZT10-H-BLE-SR

SILVAIR



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DLC
Bluetooth®
Declaration ID: D062134

12-24V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

The ANT-6-ZT10-H-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Plug in & play design, low voltage connector, match with Z10 BASE ANT-5-Z10B.

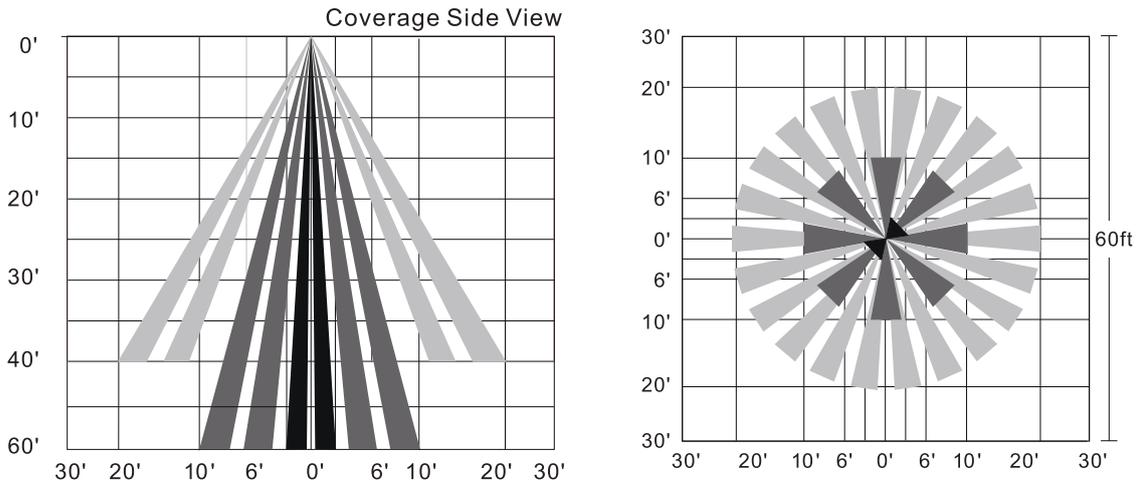


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	50ft (15 m) Max.
Detection angle	360°
Operating temperature	-20°C~60°C
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years

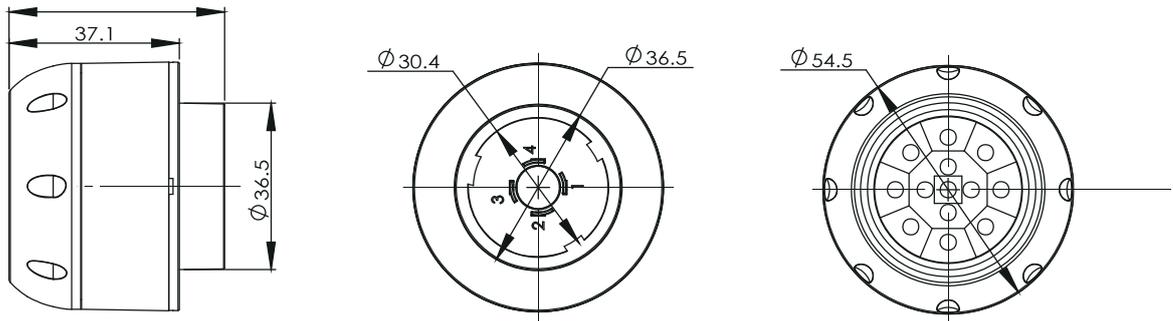


SENSOR COVERAGE



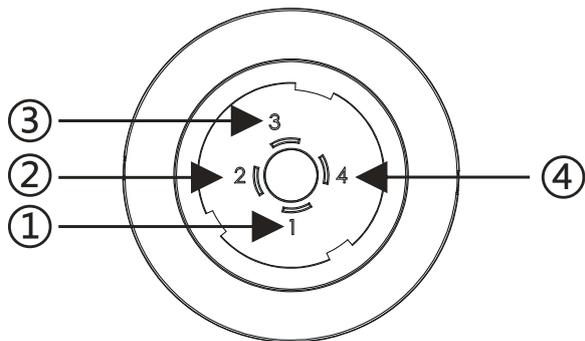
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1: 12-24VDC
- Port 2: DIM-/GND
- Port 3: DIM +
- Port 4: DIM+



ANT-6-4R-H-BLE-SR

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DLC
Bluetooth®
Declaration ID: D062134

12-24V 0-10V Bi-level 3PIN Receptacle

Bluetooth PIR Sensor

The ANT-6-4R-H-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

3PIN design, low voltage connector, match with Sharkward ANT-5-4S.

Download on the
App Store



google play

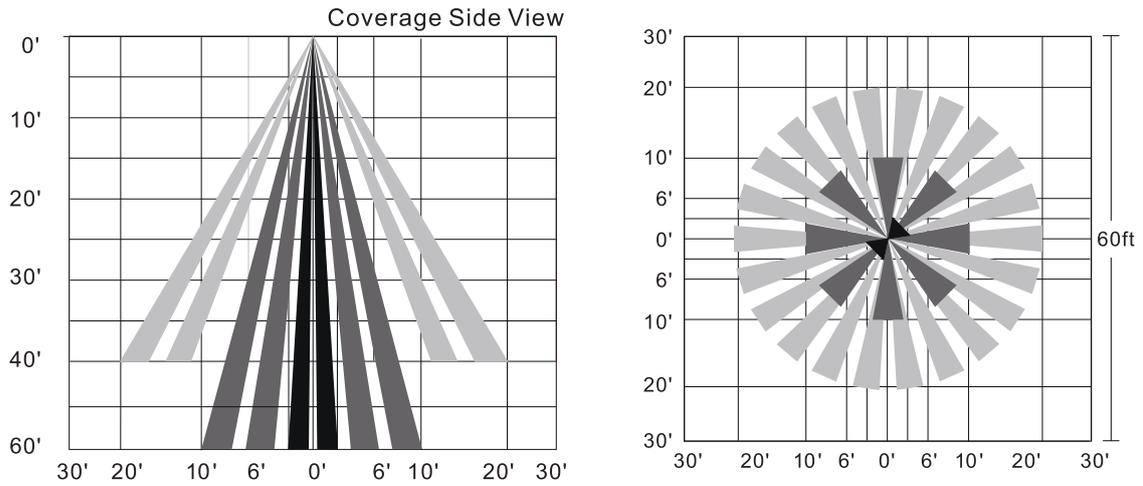


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	50ft (15 m) Max.
Detection angle	360°
Operating temperature	-20°C~60°C
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years

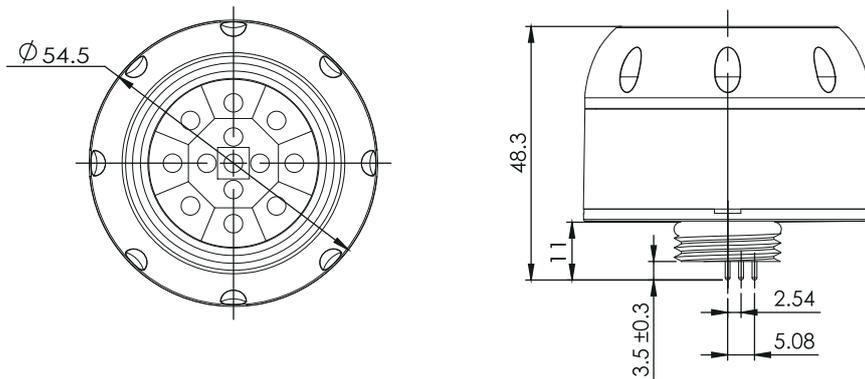


SENSOR COVERAGE

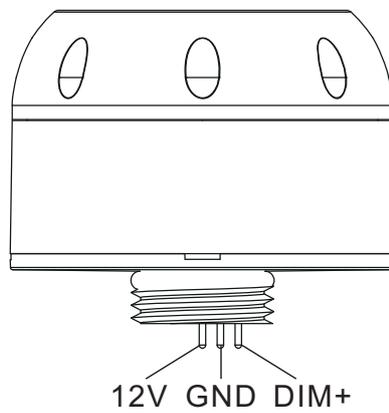


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-6-4H-H-BLE-SR

SILVAIR



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Bluetooth®
Declaration ID: D062134

12-24V 0-10V Bi-level 3PIN Receptacle

Bluetooth PIR Sensor

The ANT-6-4H-H-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

3PIN design, low voltage connector, match with Sharkward ANT-5-16S3.

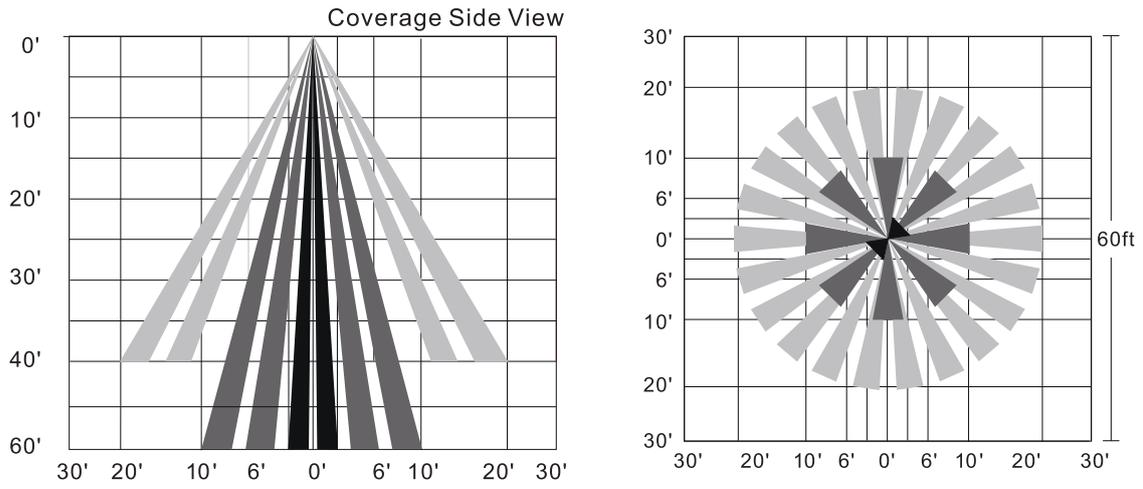


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	50ft (15 m) Max.
Detection angle	360°
Operating temperature	-20°C~60°C
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years

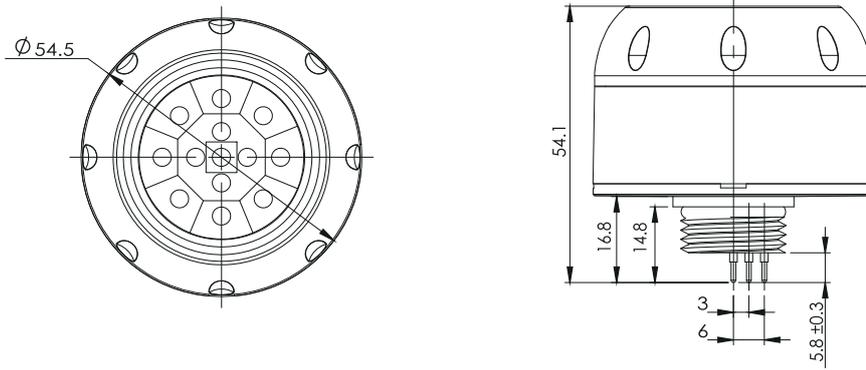


SENSOR COVERAGE

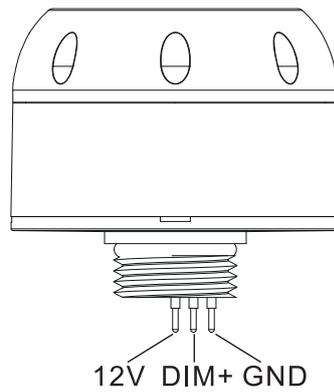


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-703P-A-BLE-SR

SILVAIR



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ETL
DLC
Bluetooth®
Declaration ID: D062134

12-24V Plug and Play Motion Sensor with Magnets

Bluetooth PIR Sensor

ANT-703P-A-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Audio jack design, low voltage connector, match with Sharkward ANT-5-22B.

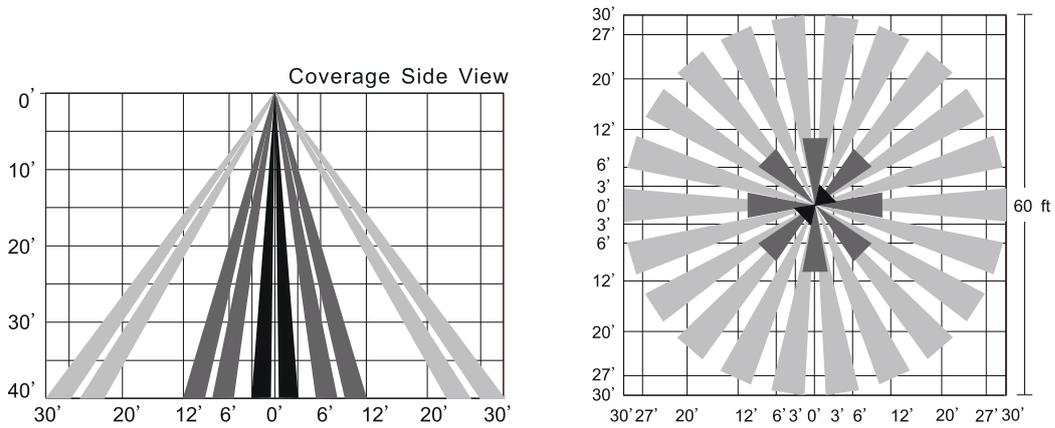


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12V-24V DC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	L7 Lens(low bay) 13ft(4m) Max / L8 Lens(high bay) 40ft(12m)
Detection angle	360°
Operating temperature	-20°C~60°C
Max Bluetooth Range	130ft(40m)
Warranty	5years

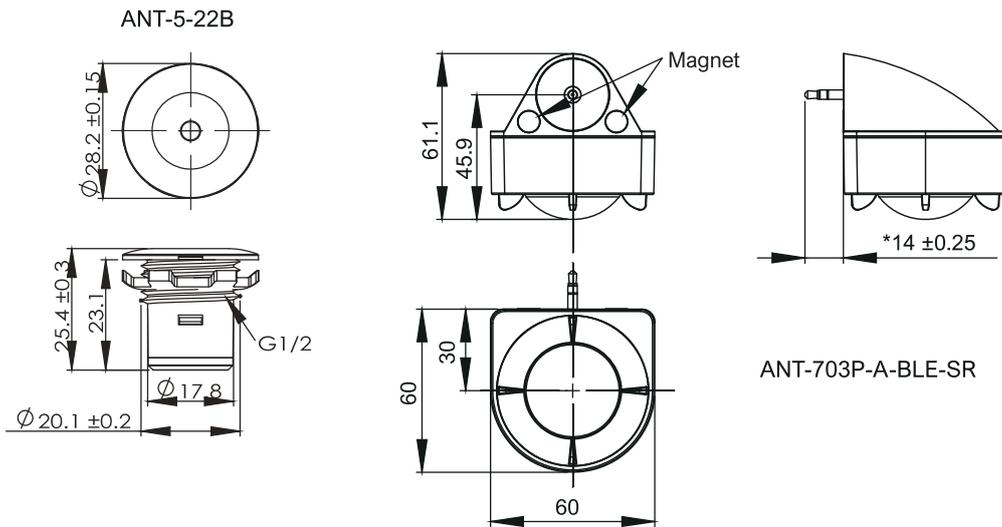


SENSOR COVERAGE

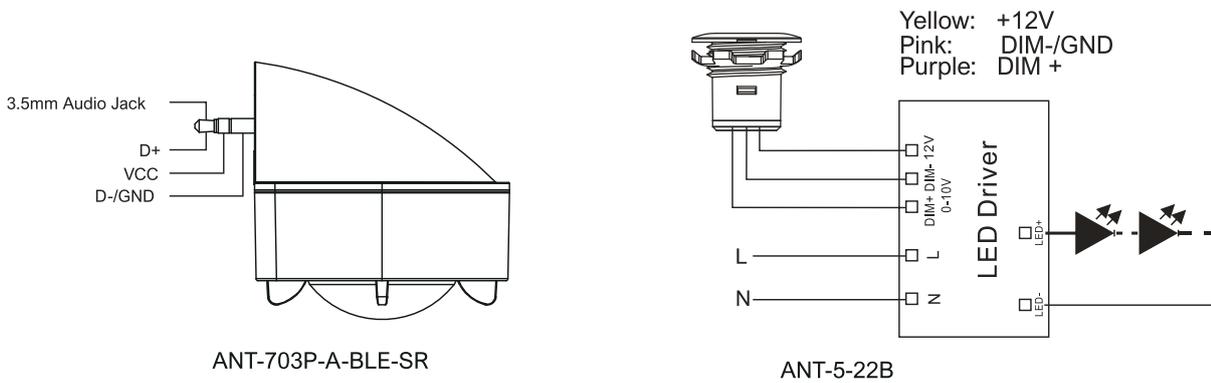


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-703P-B-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



12-24V Plug and Play Motion Sensor with Magnets

Bluetooth PIR Sensor

ANT-703P-B-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Audio jack, low voltage connector, match with Sharkward ANT-5-22B.



ANT-703P-B



L7 (Low bay)



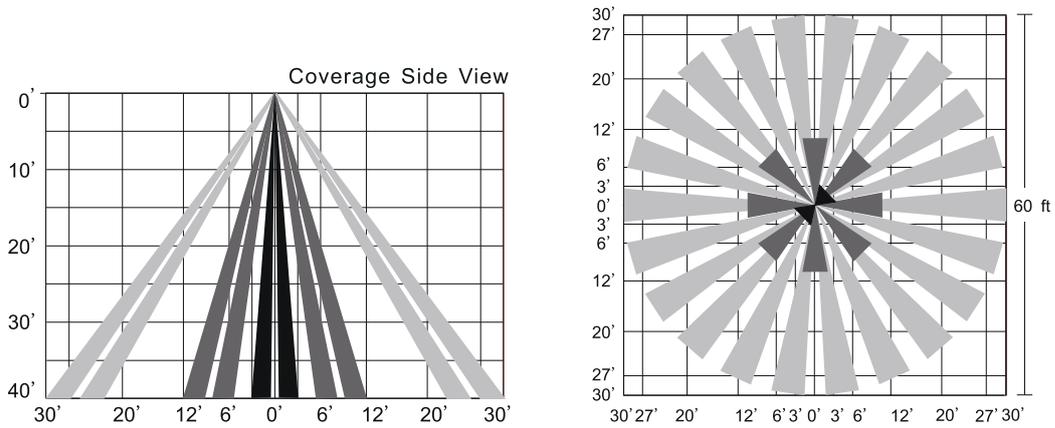
L8 (High bay)

TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12V-24V DC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	L7 Lens(low bay) 13ft(4m) Max / L8 Lens(high bay) 40ft(12m)
Detection angle	360°
Operating temperature	-20°C~60°C
Max Bluetooth Range	130ft(40m)
Warranty	5years

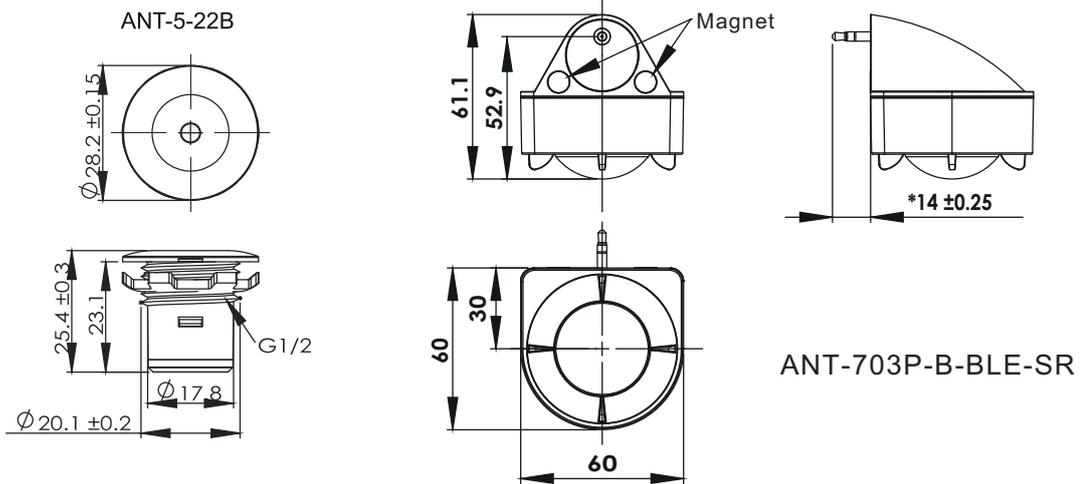


SENSOR COVERAGE

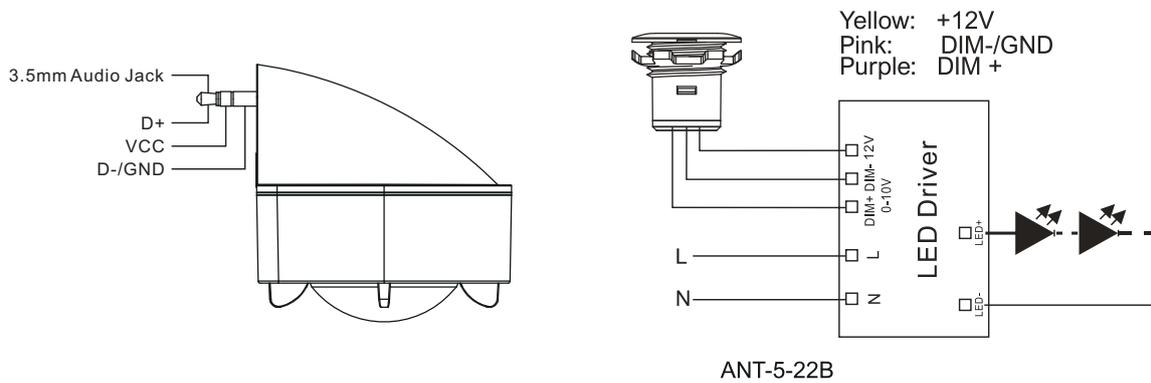


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-703P-C-BLE-SR

SILVAIR

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Bluetooth®
Declaration ID: D062134



12-24V Side Mounted Plug and Play Motion Sensor

Bluetooth PIR Sensor

ANT-703P-C-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Audio jack, low voltage connector, match with Sharkward ANT-5-21B.

Download on the
App Store



google play

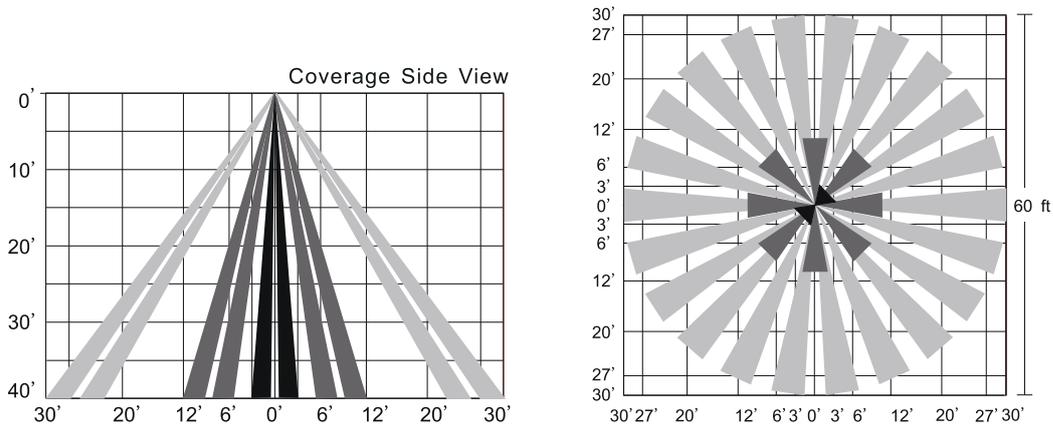


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12V-24V DC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	L7 Lens(low bay) 13ft(4m) Max / L8 Lens(high bay) 40ft(12m)
Detection angle	360°
Operating temperature	-20°C~60°C
Max Bluetooth Range	130ft(40m)
Warranty	5years



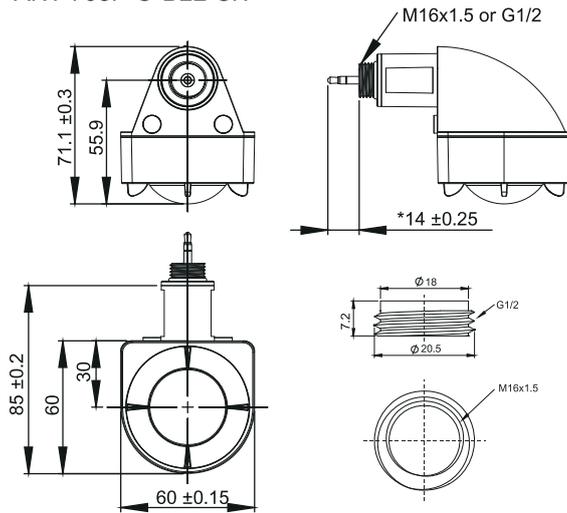
SENSOR COVERAGE



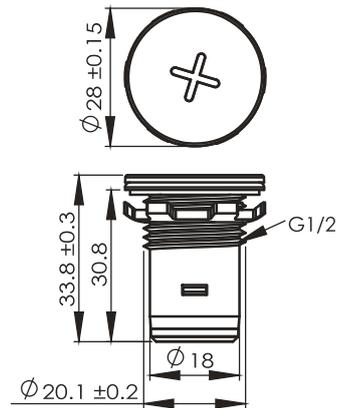
DIMENSIONS AND APPEARANCE

Unit:mm

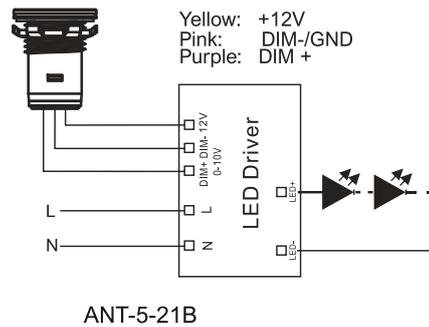
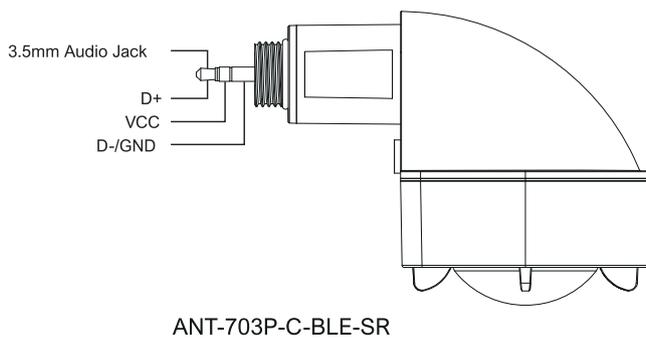
ANT-703P-C-BLE-SR



ANT-5-21B



WIRING DIAGRAM



SK701P-BLE-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

220-240V Bluetooth Passive Infrared Sensor

The SK701P-BLE-SR mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC LED drivers or dimming ballasts, and is rated for wet and cold locations.

All control parameters are adjustable via a wireless configuration tool capable of storing.

M20 knock out, side mounted.

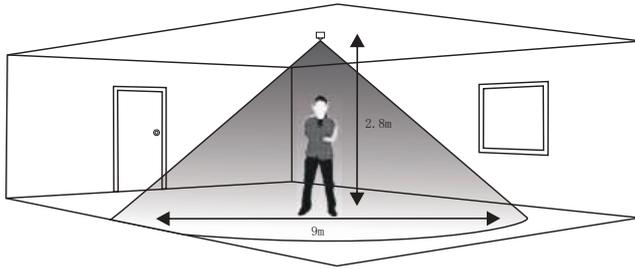


TECHNICAL DATA

Motion Sensing	Passive infrared sensor
Input Power	220-240VAC, 50/60Hz
Control Output	0-10V, max 25mA sinking current
Maximum load	2 Amps fluorescent and incandescent lighting. 2 Amps compact fluorescent lighting. 2 Amps low energy lighting. 2 Amps low voltage lighting (switch primary of transformer). Switch SON lighting loads via a contactor.
Detection angle	360°
Mounting height	Max. 7m
Operating temperature	-20°C ~ +60°C
Max Bluetooth Range	164ft (50m)
IP Rating	65
Warranty	5 years



SENSOR COVERAGE



Note: illustration shows an average of the walk across and walk towards figures below.

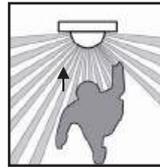
Area of high sensitivity  Area of lower sensitivity 

Walk across



Height	Range Diameter
7m	16m
2.8m	9m

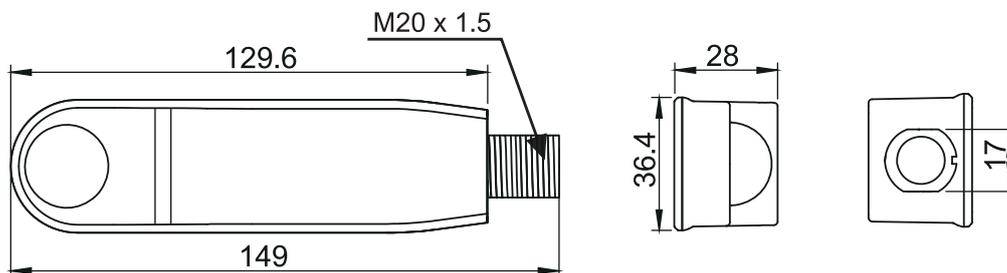
Walk towards



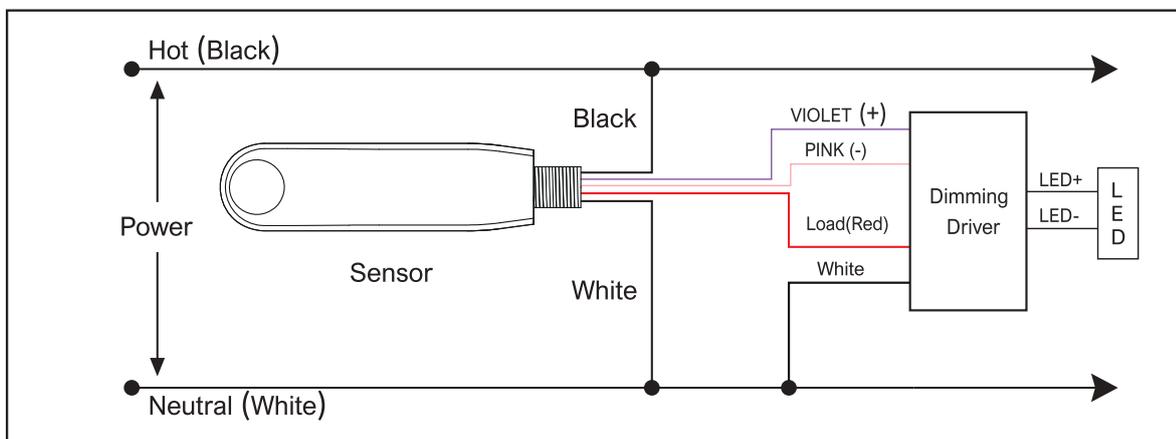
Height	Range Diameter
7m	10m
2.8m	5m

DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-3P-BLE-SR

SILVAIR



FCC ID: 2AVMOGE01
ETL
cUL
DLC
Bluetooth®
Declaration ID: D062134

10-14V PIR Plug and Play Bluetooth PIR Sensor

Bluetooth PIR Sensor

The ANT-3P-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

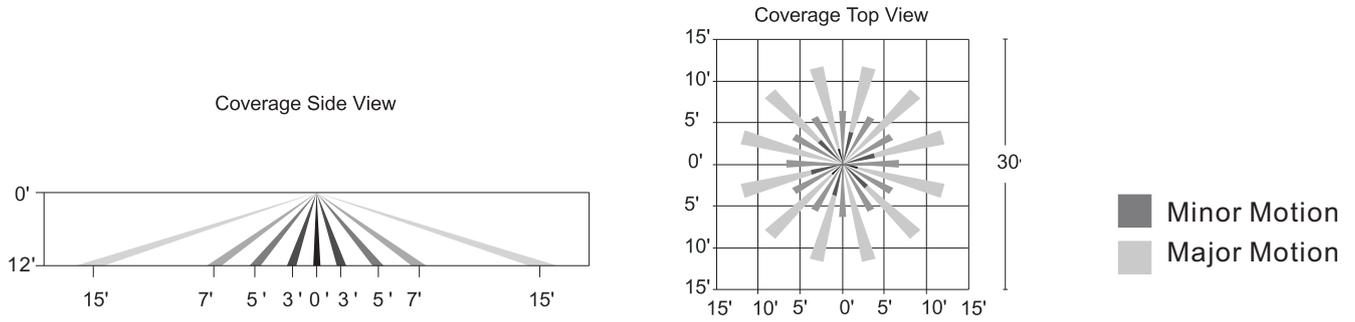


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 30mA sinking current
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

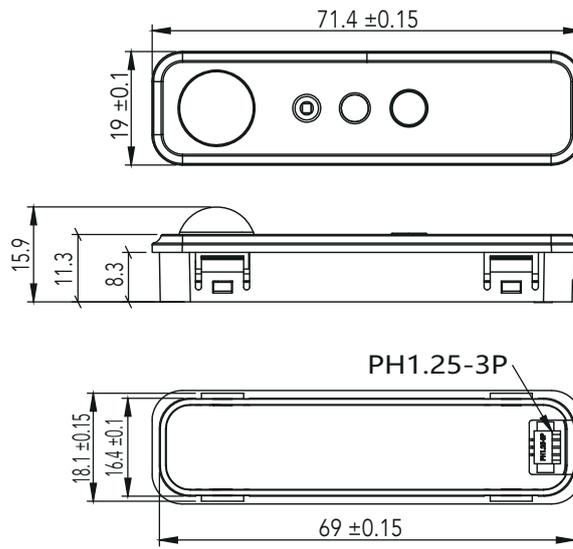


SENSOR COVERAGE

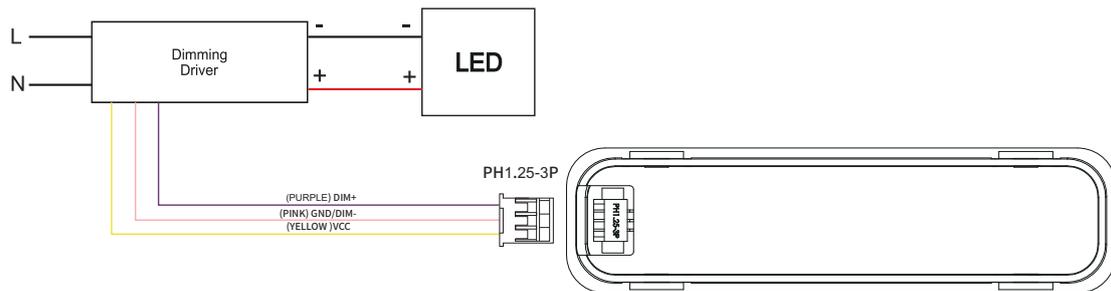


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-4D-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

ANT-4D-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for low bay applications. It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

Download on the
App Store



google play

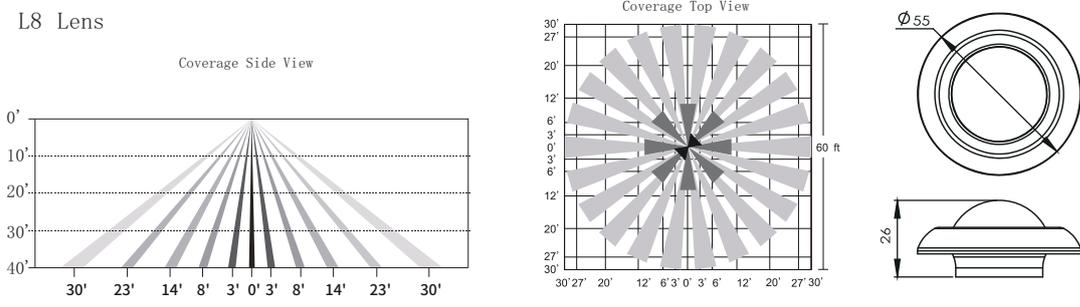


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

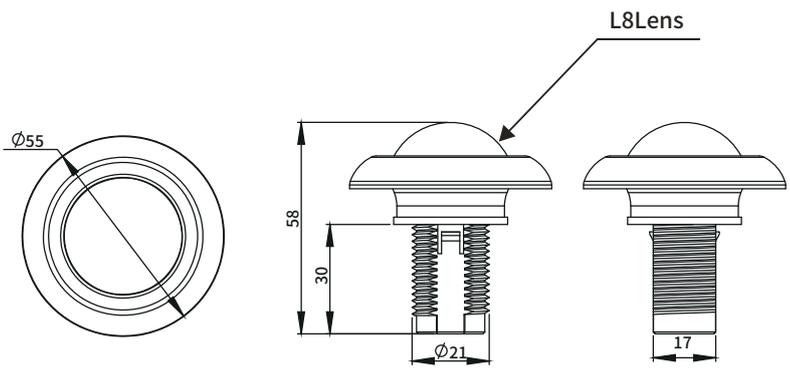


SENSOR COVERAGE



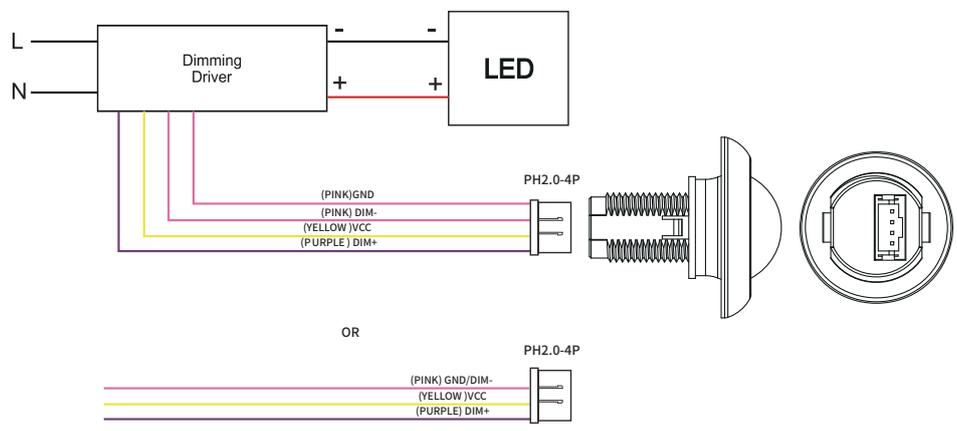
DIMENSIONS AND APPEARANCE

Unit:mm



(Punch-out diameter 21.5-22mm)

WIRING DIAGRAM



ANT-4E-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



0-10V Dimming Snap in PIR Occupancy

Sensor with Quick Connector

ANT-4E-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

Download on the
App Store



google play

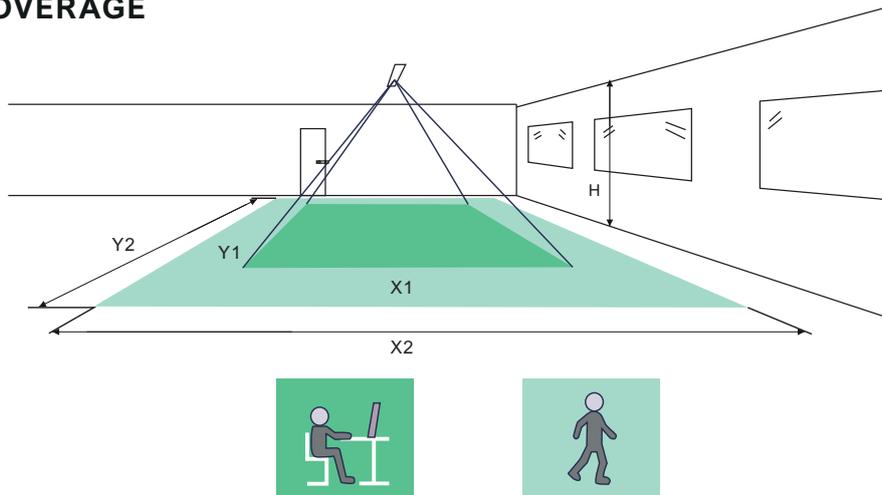


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years



SENSOR COVERAGE

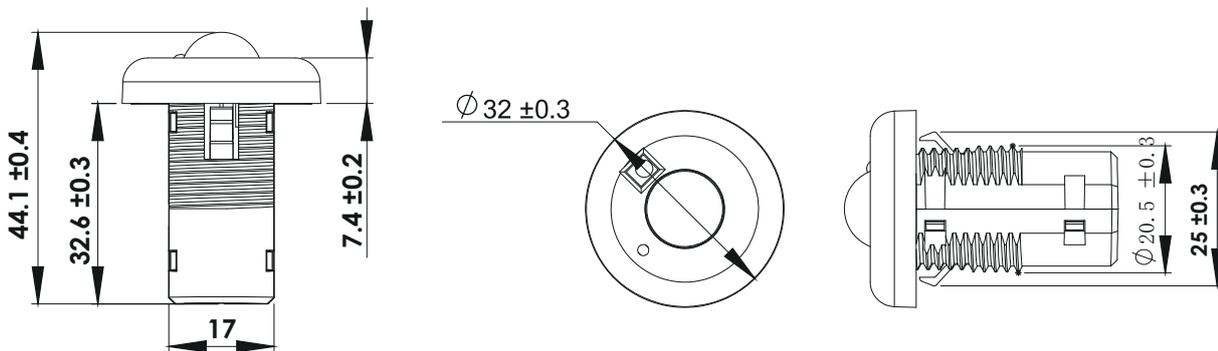


Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

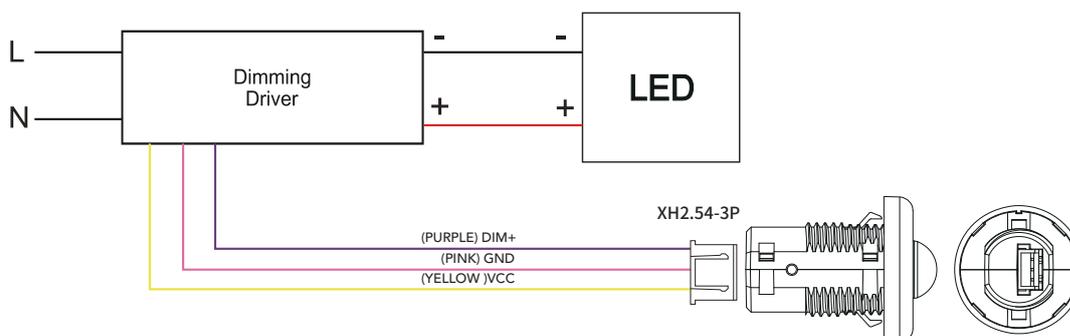
Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-4E-3-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

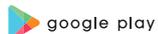


Bluetooth Passive Infrared sensor

Sensor with Quick Connector

The ANT-4E-3-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

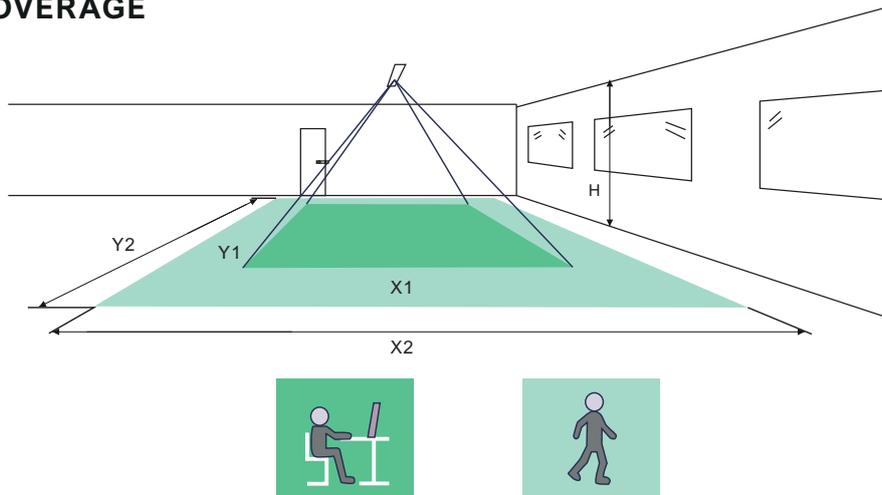


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years



SENSOR COVERAGE

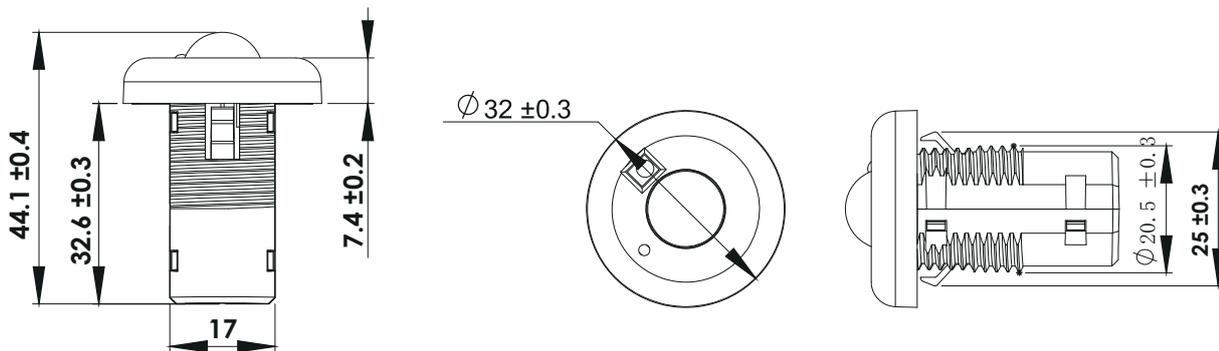


Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

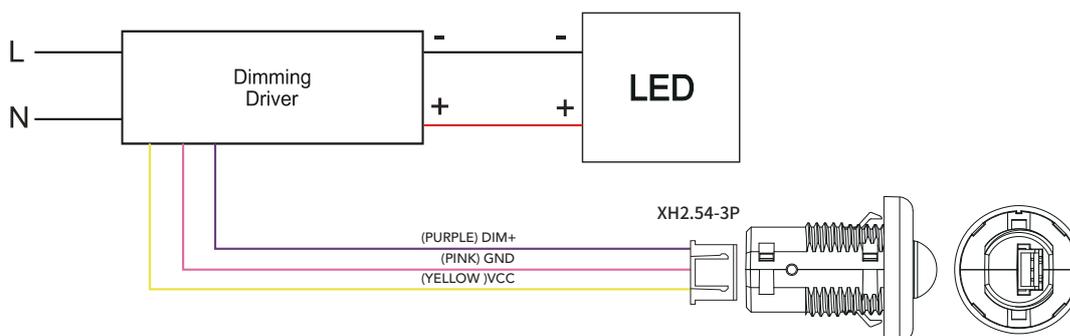
Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-4E-4-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

The ANT-4E-4-SR is passive infrared occupancy bi-level sensor, as a fixture sensor mounts in indoor light fixture and provides daylight harvest control. It works by 10-14Vdc power, and controls 0-10VDC LED drivers or dimming ballasts, All control parameters are adjustable via a wireless configuration tool capable of storing. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

Download on the App Store



google play

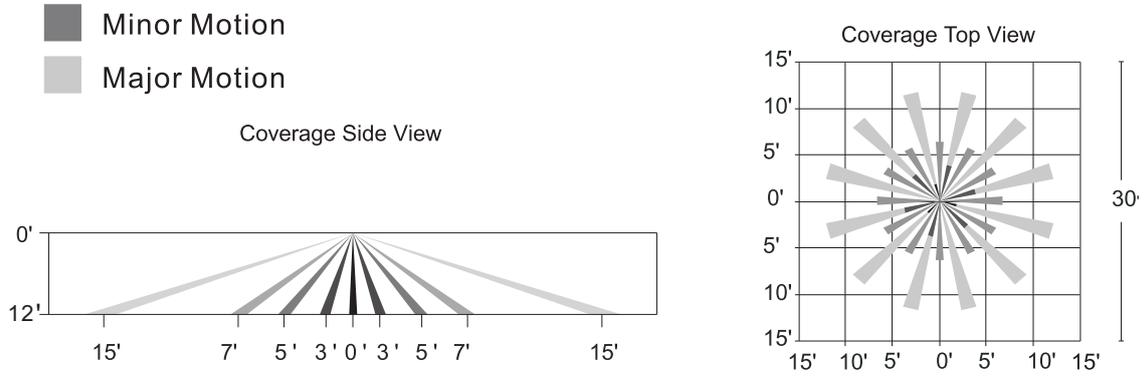


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C~60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

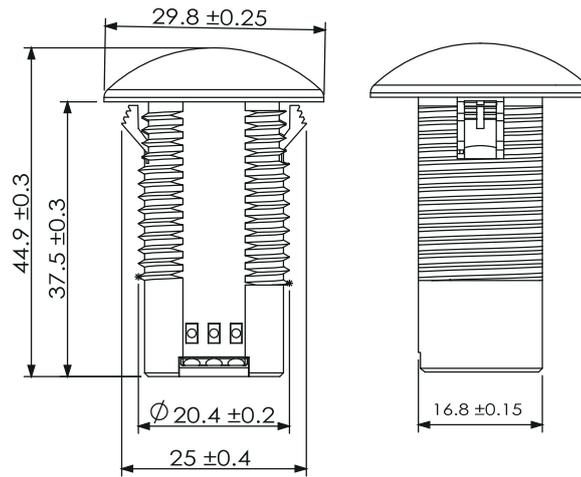


SENSOR COVERAGE

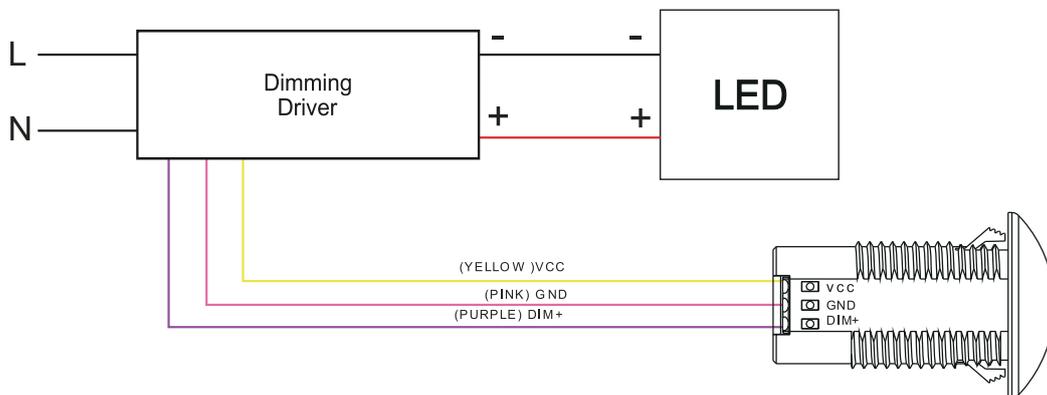


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-4E-5-SR4

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

The ANT-4E-5-BLE-SR4 uses PIR motion detector architecture and bluetooth technology for improved detection coverage applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

Download on the
App Store



google play

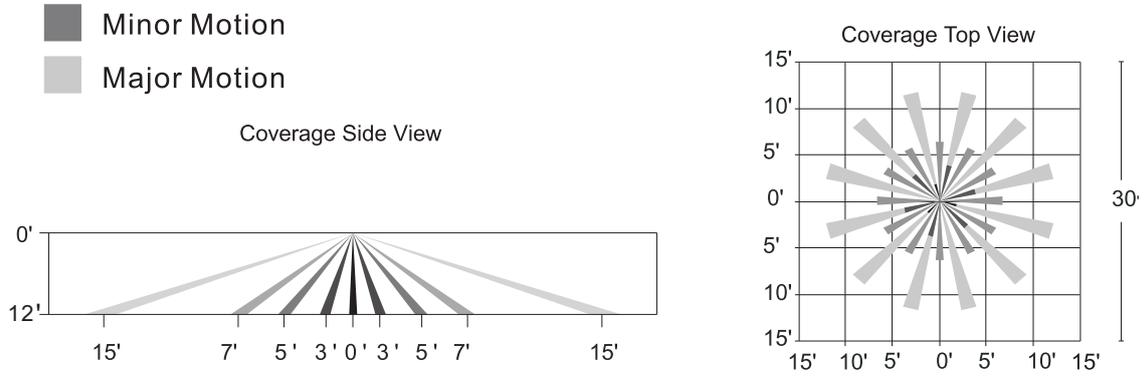


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C~60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

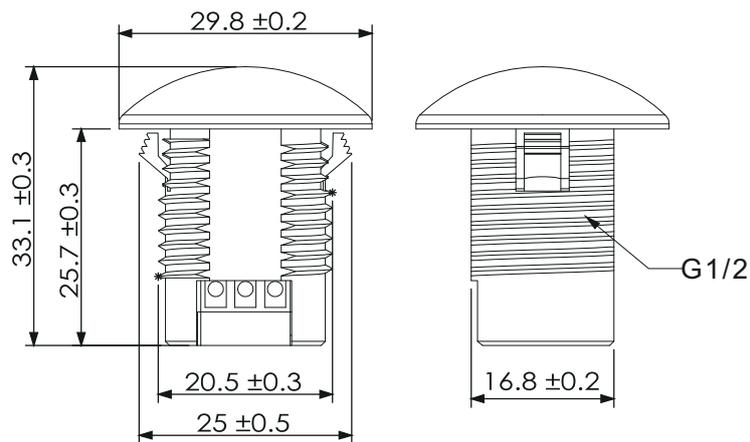


SENSOR COVERAGE

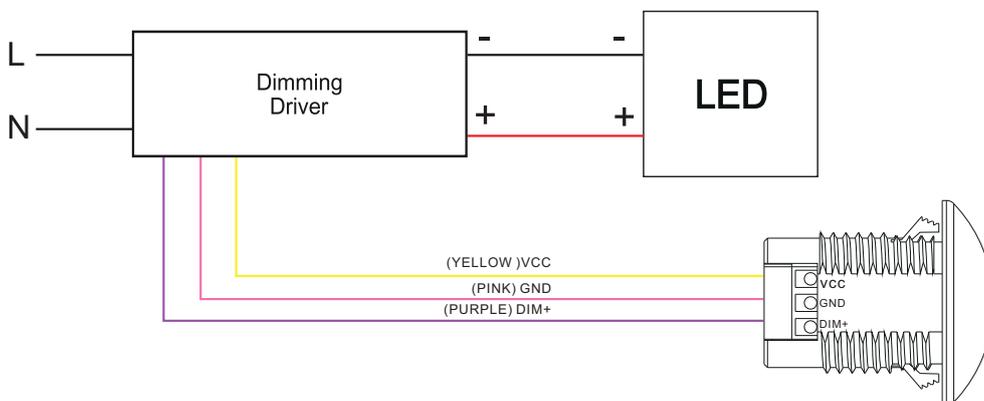


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-4E-5A-BLE-SR4

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

The ANT-4E-5A-BLE-SR4 uses PIR motion detector architecture and bluetooth technology for improved detection coverage applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

Download on the
App Store



google play

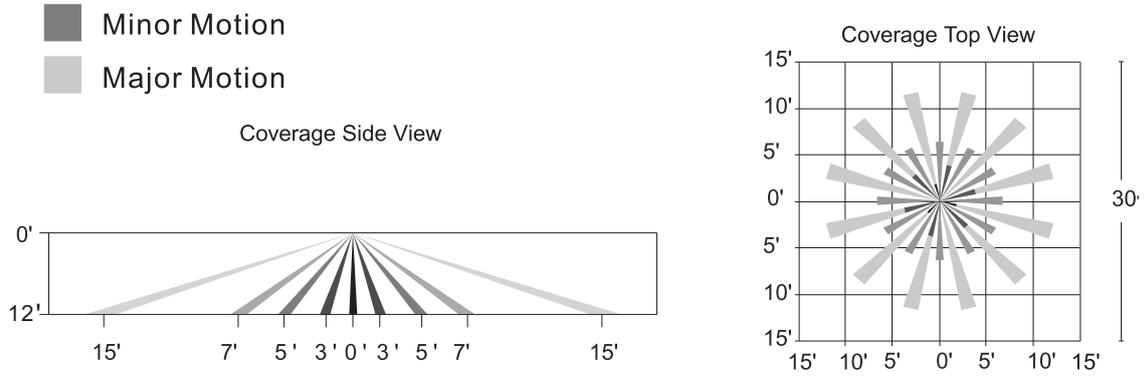


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C~60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

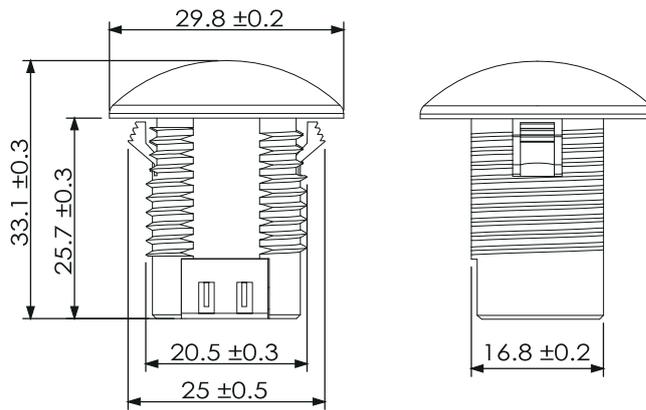


SENSOR COVERAGE

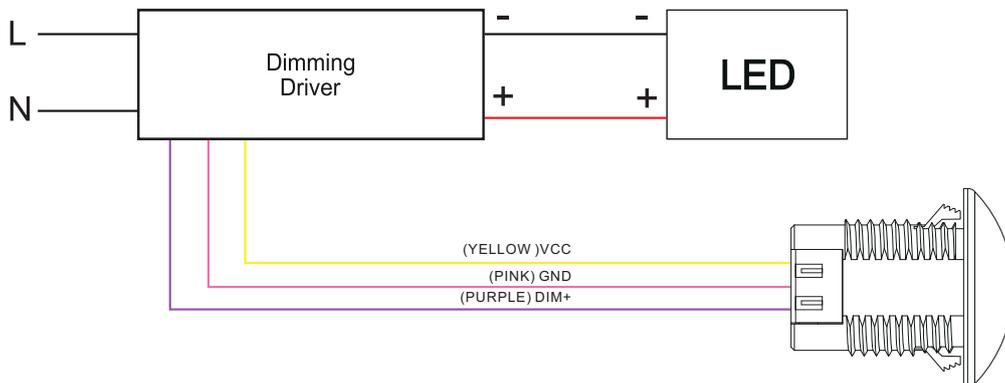


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-15P-BLE-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

ANT-15P-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

3PIN design, low voltage connector, 4PIN Quick connector.

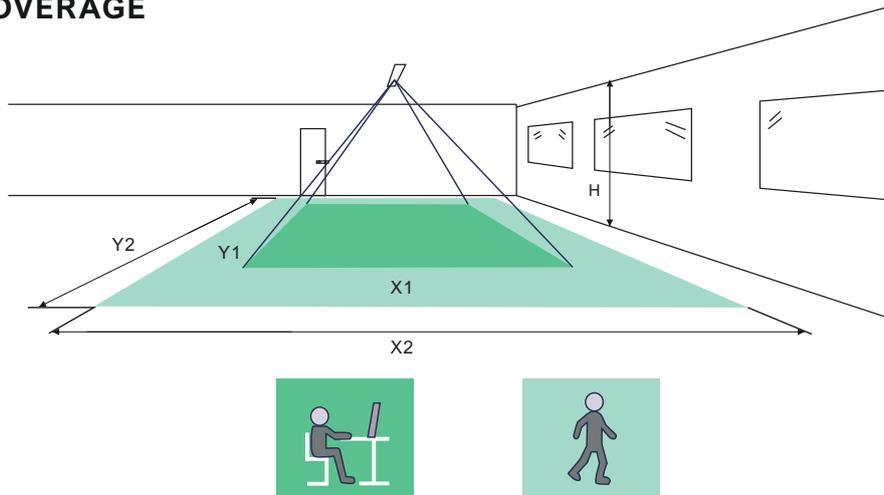


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	13ft(4m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years



SENSOR COVERAGE

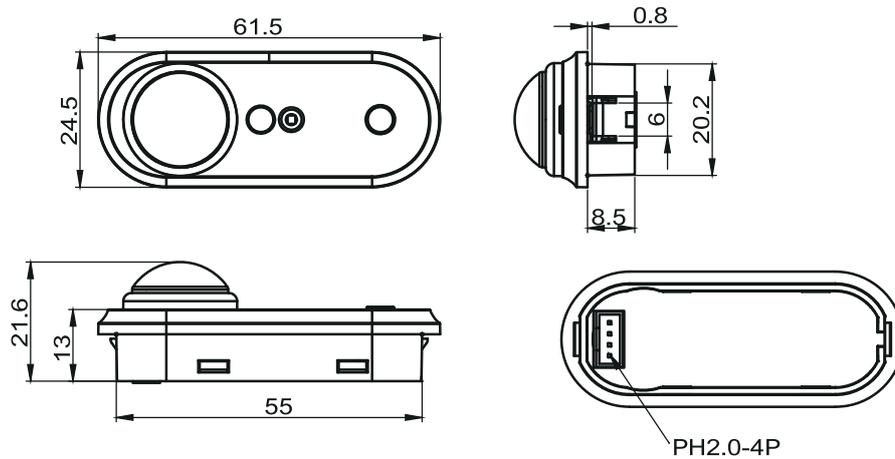


Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

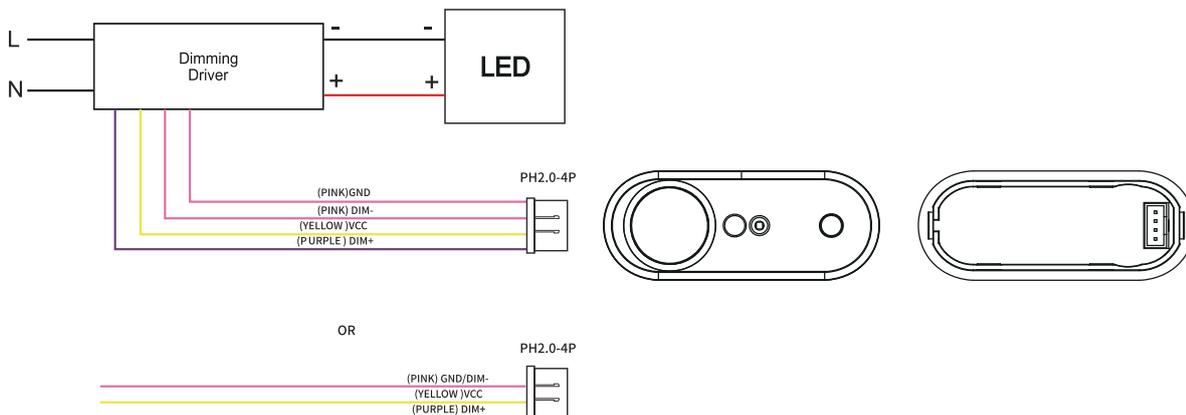
Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-15P-1-BLE-SR

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Declaration ID: D062134

10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

ANT-15P-1-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for and low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ip20 Design with Screws

Download on the
App Store



google play

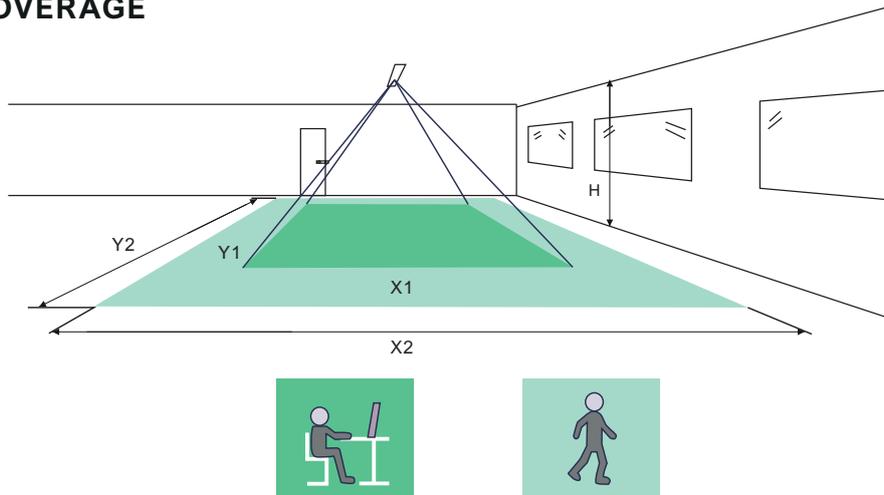


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	13ft(4m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years



SENSOR COVERAGE

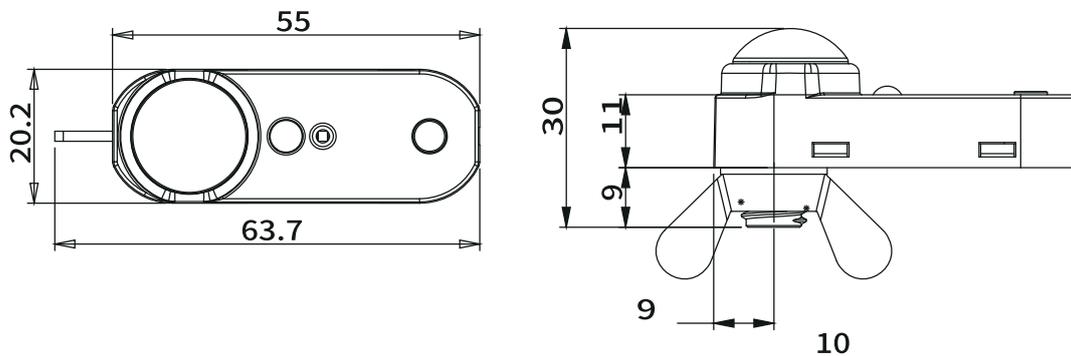


Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

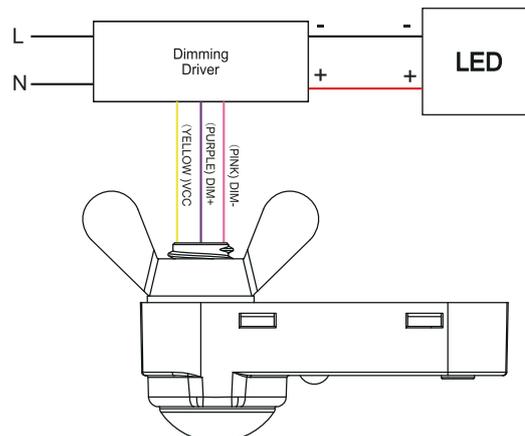
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

ANT-15P-1-BLE-SR wiring with 10-14VDC wire dimming ballast or LED driver.



ANT-15P-3-BLE-SR

SILVAIR



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Bluetooth®
Declaration ID: D062134

10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

ANT-15P-3-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ip20 Design with Screws

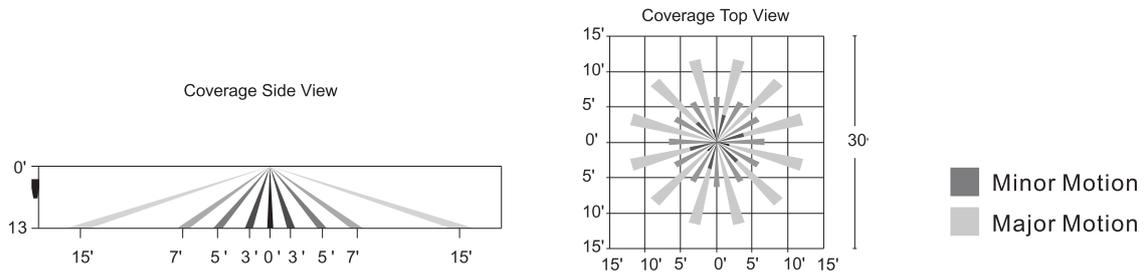


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	13ft(4m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

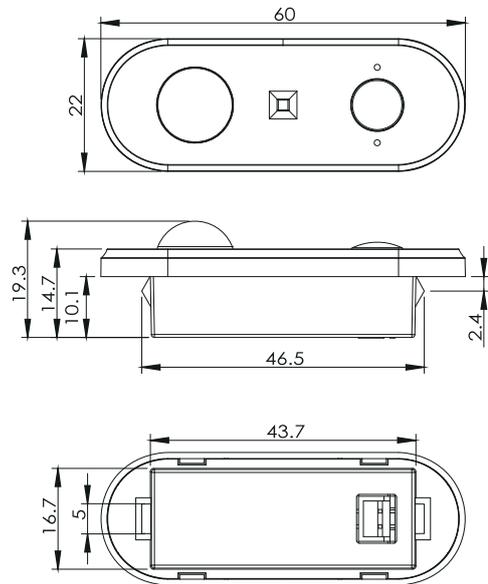


SENSOR COVERAGE

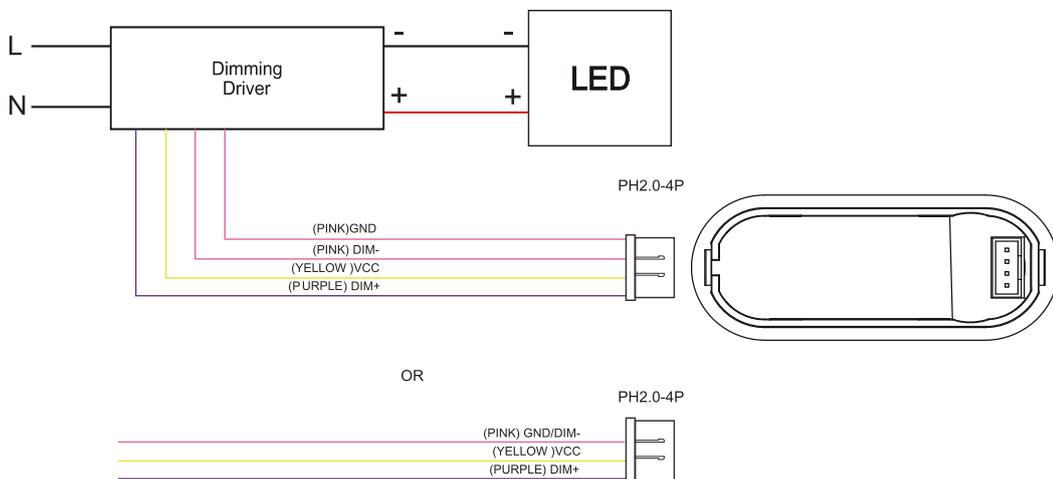


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-3A-BLE-SR

SILVAIR



FCC ID: 2AVMOGE01
ETL
cUL
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Bluetooth®
Declaration ID: D062134

10-14V PIR Plug and Play Bluetooth PIR Sensor

Bluetooth PIR Sensor

The ANT-3A-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

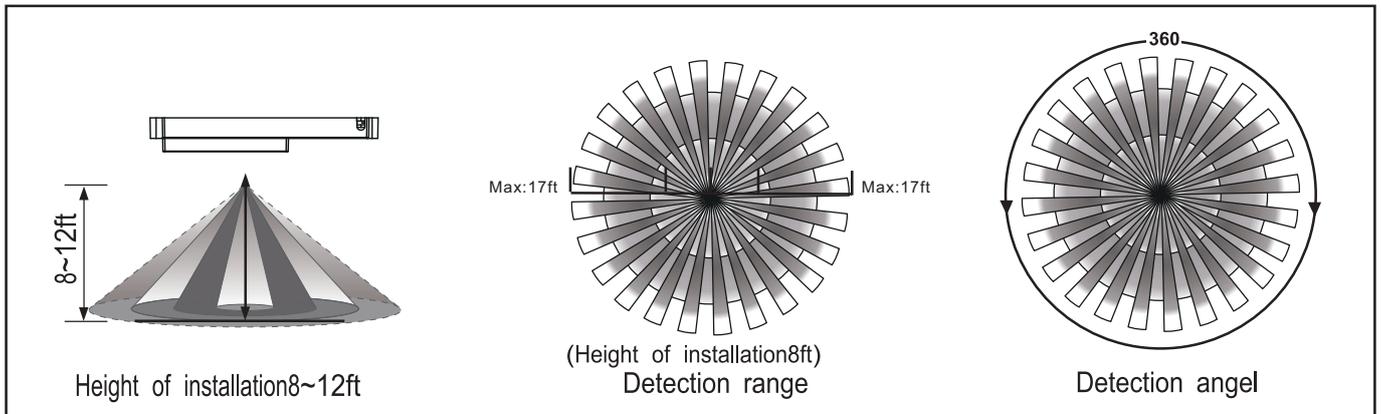


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-40°C~70°C
IP rating	20
Max Bluetooth Range	164ft(50m)
Warranty	5years

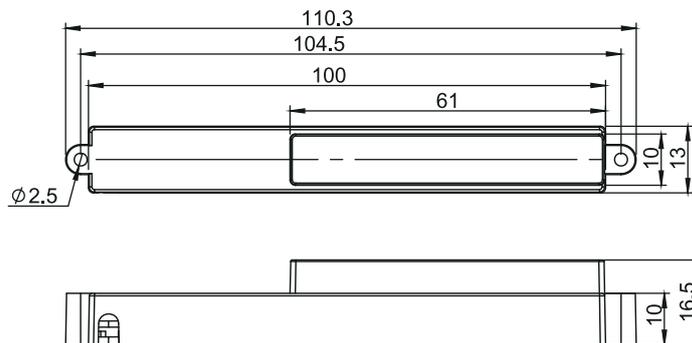


SENSOR COVERAGE

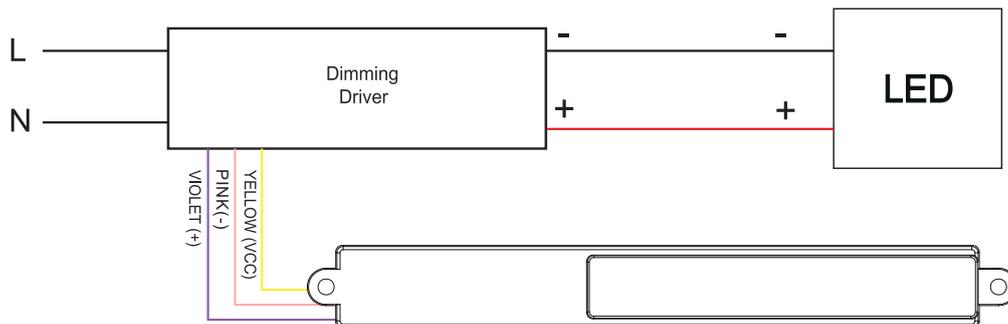


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-7-BLE-SR

SILVAIR



FCC
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DLC
Bluetooth®
Declaration ID: D062134

10-14V 0-10V Bi-level

Bluetooth Microwave Sensor With Magnets

ANT-7-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for low bay applications. All control parameters are adjustable via a wireless configuration tool capable of storing.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Sil vair app.

Microwave sensor with magnets or use screws to fix.

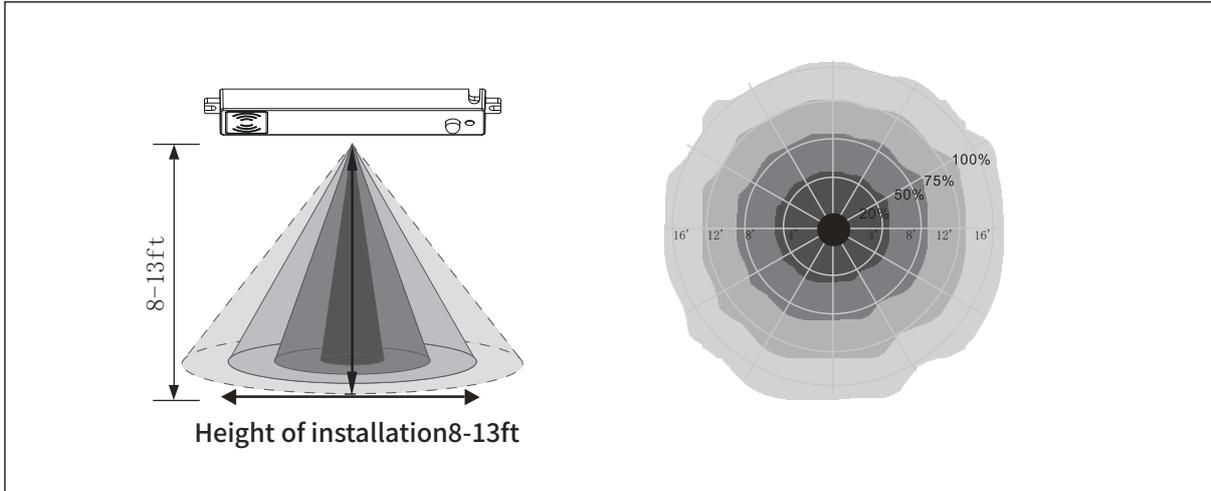


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	13ft(4m) Max.
Detection angle	360°
Operating temperature	-40°C~70°C
IP rating	20
Max Bluetooth Range	200ft
Warranty	5years

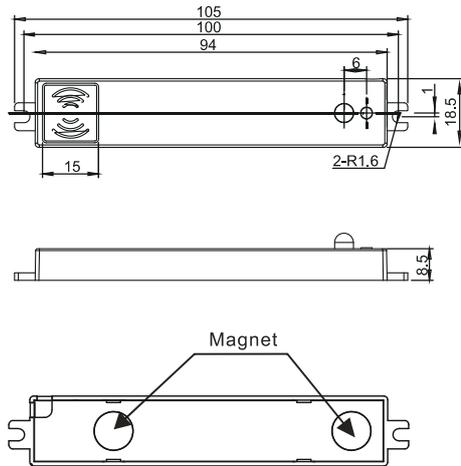


SENSOR COVERAGE

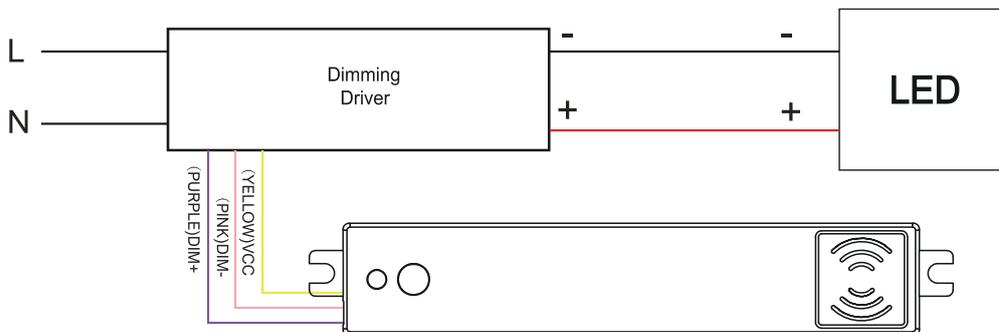


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-7D-BLE-SR

SILVAIR



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DLC
Bluetooth®
Declaration ID: D062134

10-14V 0-10V Bi-level Bluetooth

MICROWAVE Sensor with magnets

ANT-7D-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silclair app.

Microwave sensor with magnets, not need to use screws to fix.

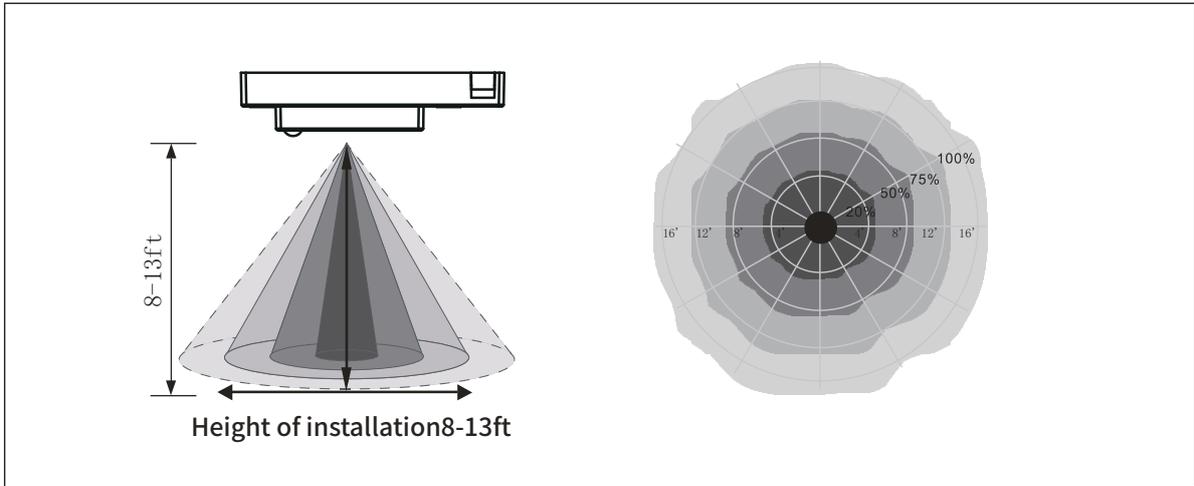


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-40°C~70°C
IP rating	20
Max Bluetooth Range	100ft(30m)
Warranty	5years

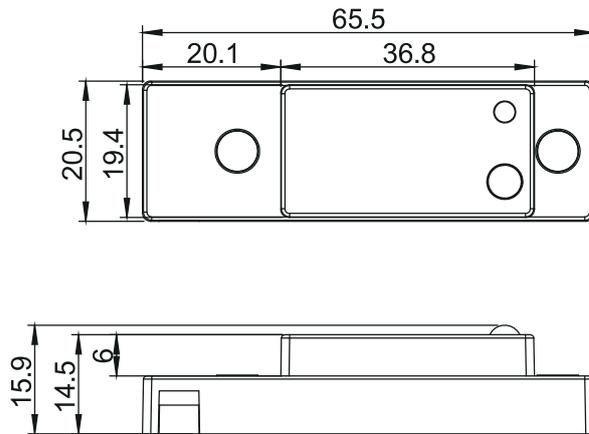


SENSOR COVERAGE

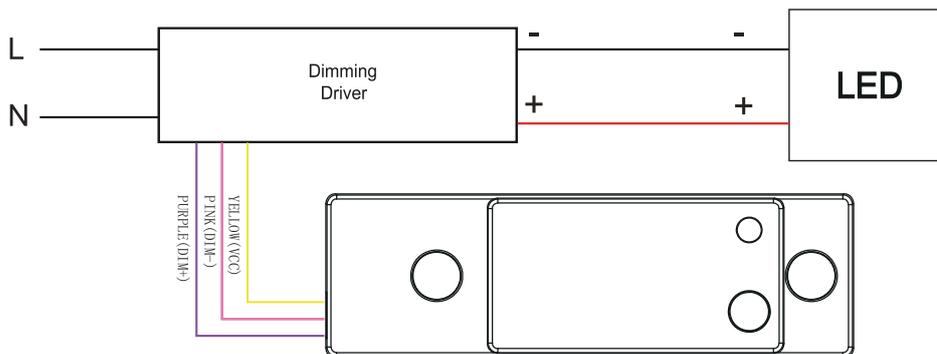


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-7P-BLE-SR

SILVAIR

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ETL
DLC
Bluetooth®
Declaration ID: D062134



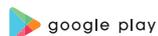
10-14V 0-10V Bi-level Bluetooth

PIR Sensor with magnets

ANT-7P-BLE-SR uses PIR motion detector architecture technology for improved detection coverage for low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

PIR sensor with magnets, no need to use screws to fix.

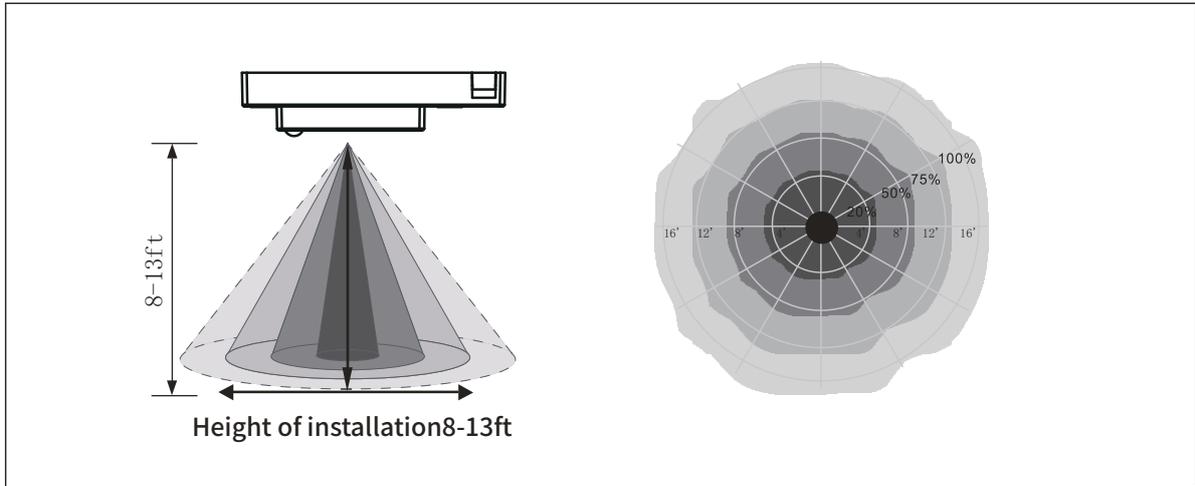


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-40°C~70°C
IP rating	20
Max Bluetooth Range	100ft(30m)
Warranty	5years

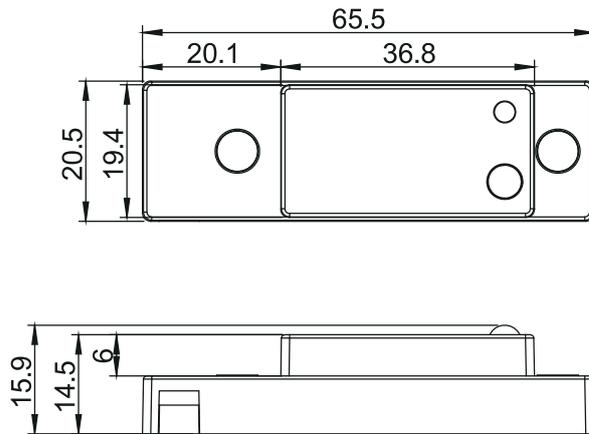


SENSOR COVERAGE

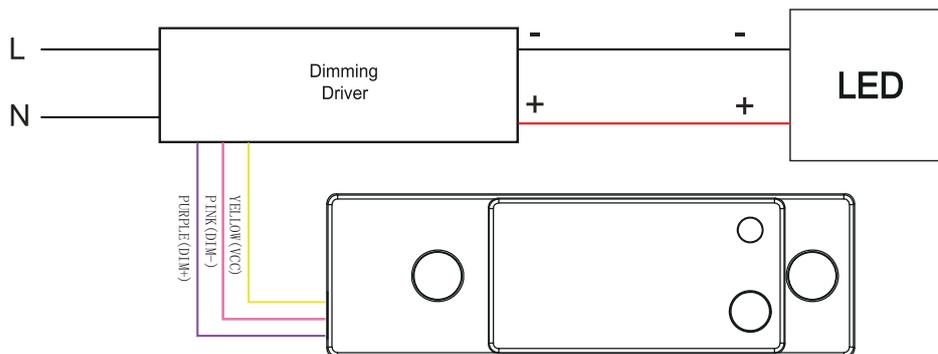


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-9E-BLE-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

Dipole Antenna Designed Microwave Sensor

Bluetooth Microwave Sensor

The ANT-9E-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Download on the
App Store



google play

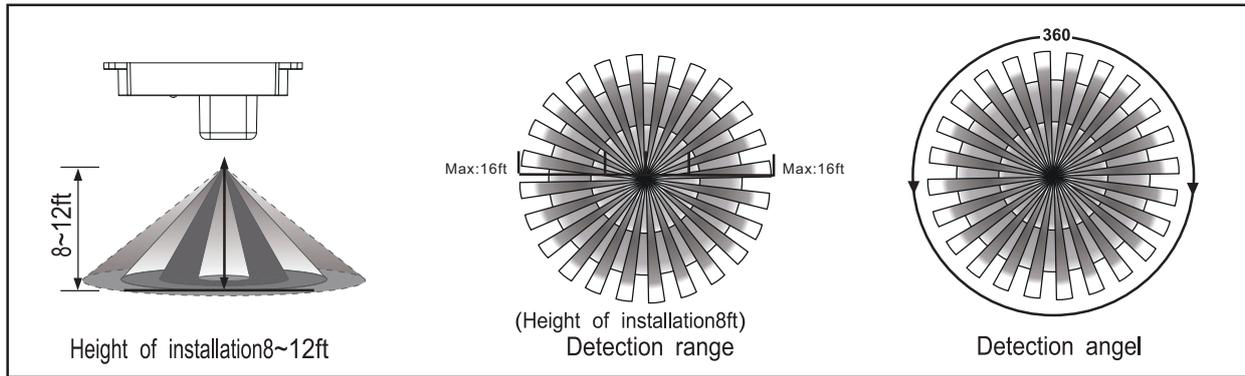


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-40°C~70°C
IP rating	20
Max Bluetooth Range	100ft(30m)
Warranty	5years

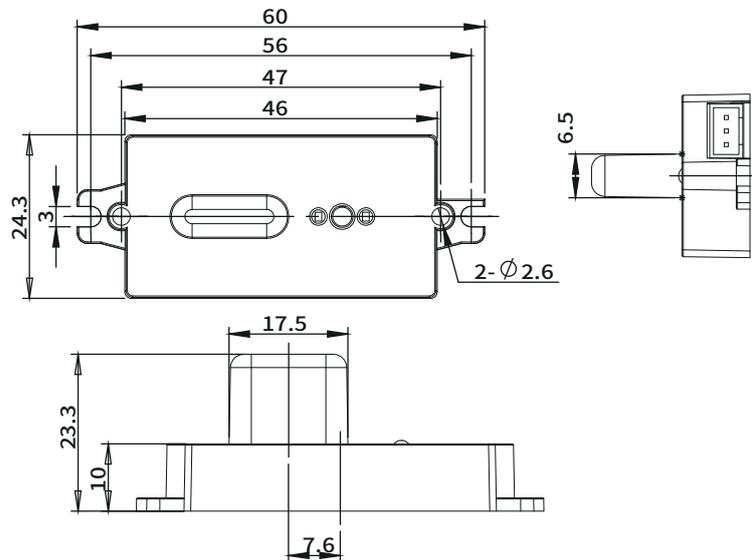


SENSOR COVERAGE

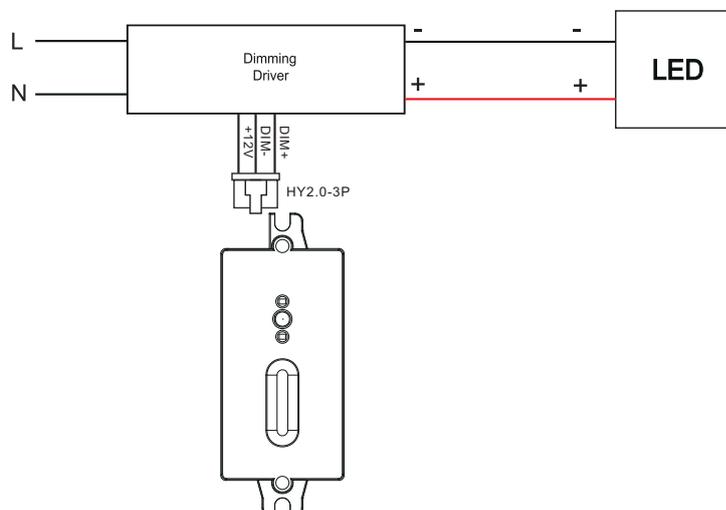


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BRI619-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



12-24V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

BRI619-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Sil vair app.

Ip65 Waterproof design, low voltage.



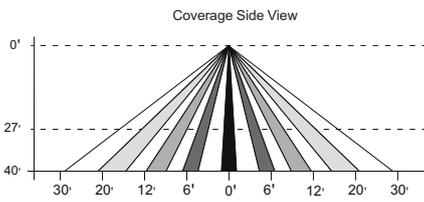
TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, Max. 25mA sinking current
Mounting height	Max.40ft(12m)
Detection angle	360°
Operating temperature	-20°C-60°C
IP rating	65
Max Bluetooth Range	200ft(60m)
Warranty	5years

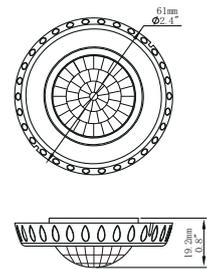
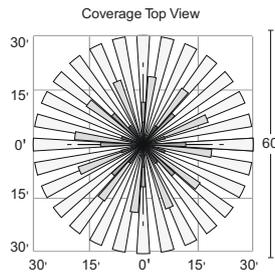


SENSOR COVERAGE

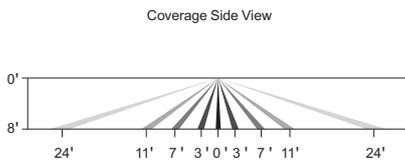
L3



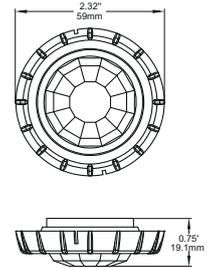
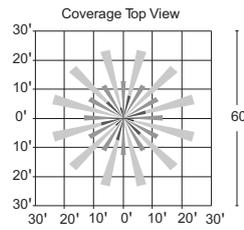
360° Coverage



L4

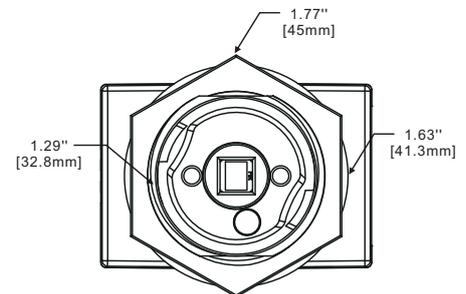
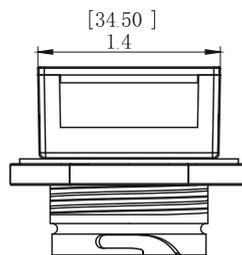
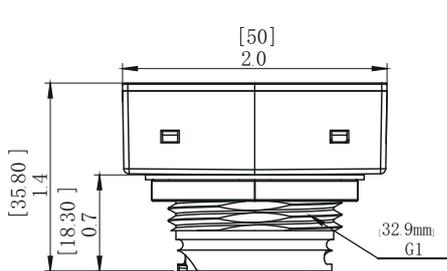


360° Coverage



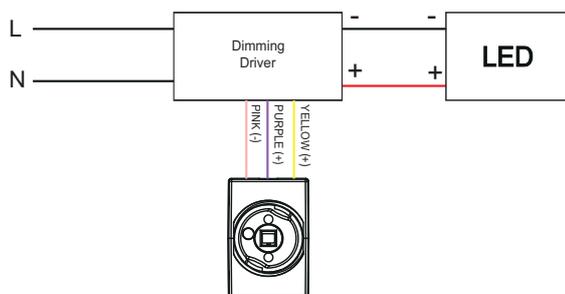
DIMENSIONS AND APPEARANCE

Unit:mm

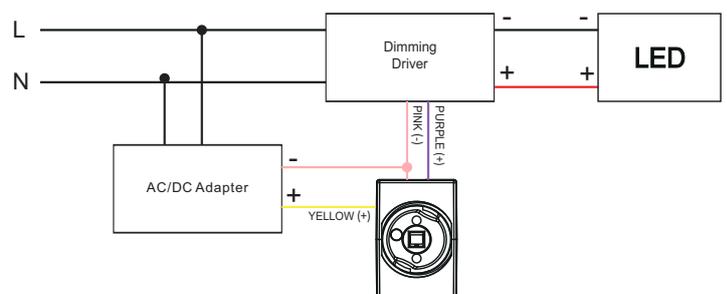


WIRING DIAGRAM

Wiring with 12-24V DC wire dimming ballast or LED driver.



Wiring by AC/DC Adapter with dimming ballast or led driver.



BRI823-B-D-BLE-SR

SILVAIR



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DLC
Bluetooth®
Declaration ID: D062134

120-277V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

BRI823-B-D-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ip65 Waterproof design, line voltage.



L3 (High bay)



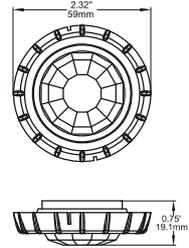
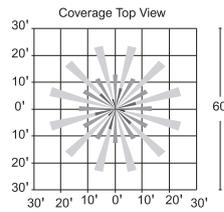
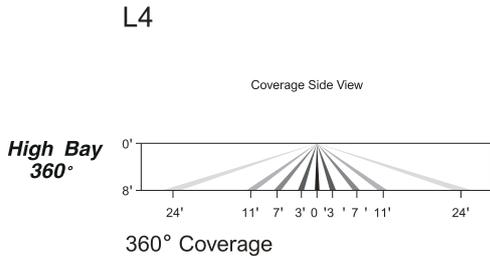
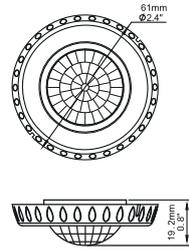
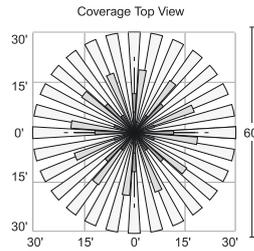
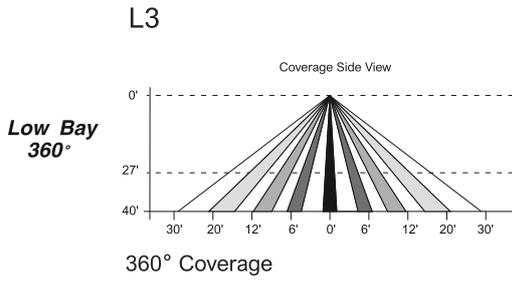
L4 (Low bay)

TECHNICAL DATA

Motion Sensing	Passive IR
Input Power	120/277VAC 50/60Hz
Control Output	0-10V, max 25mA sinking current
Maximum load	Resistive/Halogen - 800W@120V/1200W@277V Fluorescent Ballast - 660W@120V/1200W@277V Electronic Ballast (LED/CFL) - 5A@120V/5A@277V
Len L3(High bay)	Max.detection radius 30ft; Max.mounting height 40ft
Len L4(Low bay)	Max.detection radius 30ft; Max.mounting height 20ft
Operating temperature	-20°C~+60°C
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years

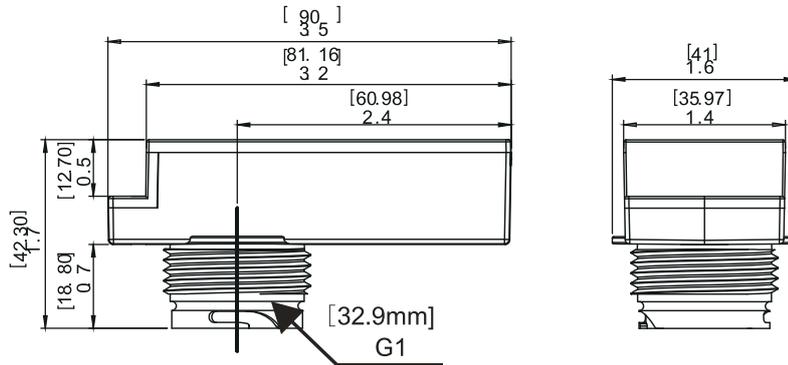


SENSOR COVERAGE

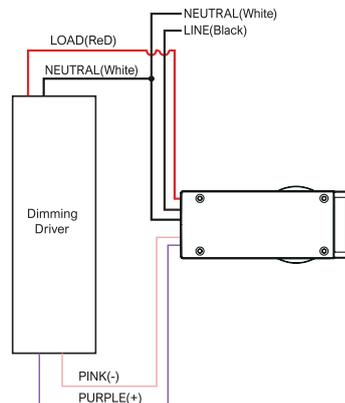


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BRI823-B-D-BLE-SR-TX

SILVAIR



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Bluetooth®
Declaration ID: D062134

120-277V integrated PIR Sensor with

Longer External Antenna

BRI823-B-D-BLE-SR-TX uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ip65 Waterproof design, line voltage.

Download on the
App Store



google play



L3 (High bay)



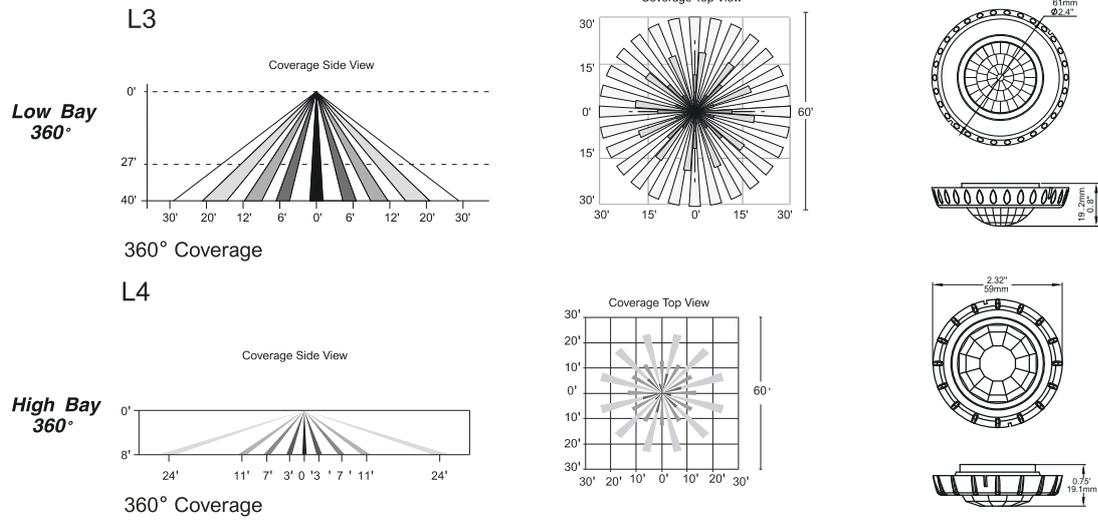
L4 (Low bay)

TECHNICAL DATA

Motion Sensing	Passive IR
Input Power	120/277VAC 50/60Hz
Control Output	0-10V, max 25mA sinking current
Maximum load	Resistive/Halogen - 800W@120V/1200W@277V Fluorescent Ballast - 660W@120V/1200W@277V Electronic Ballast (LED/CFL) - 5A@120V/5A@277V
Len L3(High bay)	Max.detection radius 30ft; Max.mounting height 40ft
Len L4(Low bay)	Max.detection radius 30ft; Max.mounting height 20ft
Operating temperature	-20°C~+60°C
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	500ft(150m)
Warranty	5years

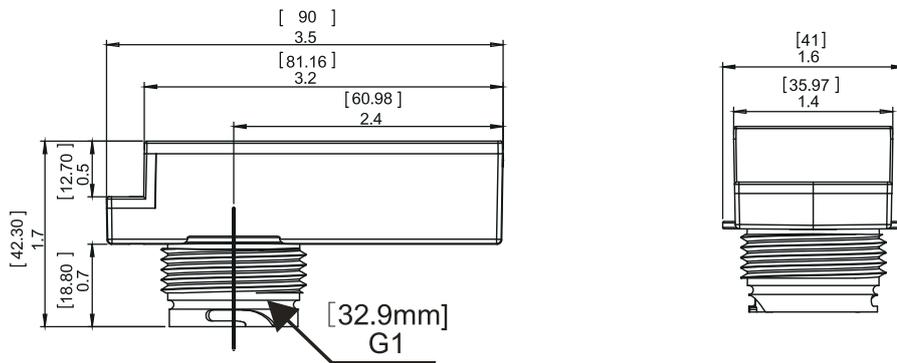


SENSOR COVERAGE

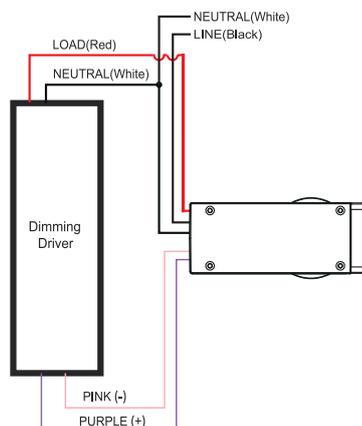


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-4E-BLE-SR-D4I

SILVAIR

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Bluetooth®
Declaration ID: D062134



10-14V DALI BLE Snap in PIR Sensor

The ANT-4E-BLE-SR-D4i uses PIR motion detector architecture and bluetooth to DALI technology for improved detection coverage applications.

Snap in design, low voltage with Quick connector.

Download on the
App Store



google play

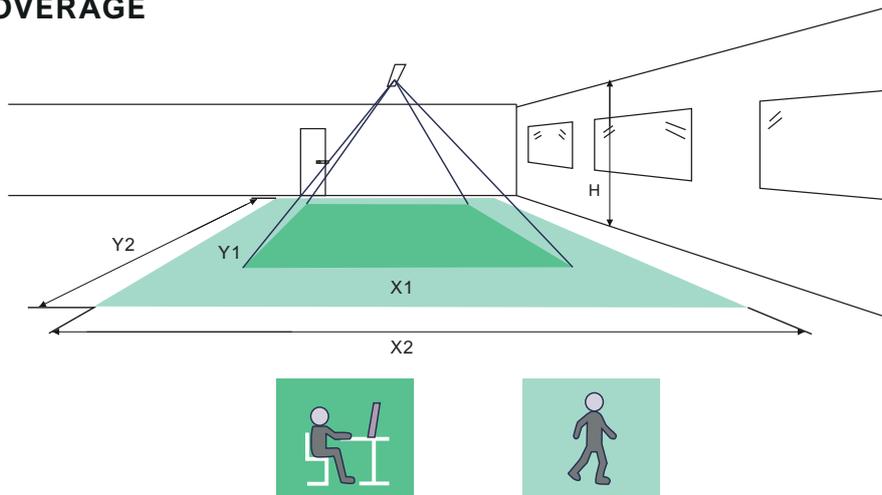


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	DALI D4i
Powered by	DALI BUS
Control Output	D4i
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years



SENSOR COVERAGE

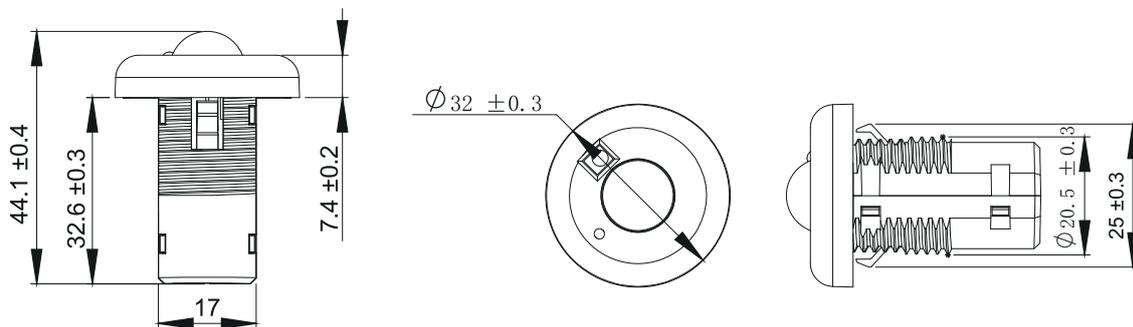


Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

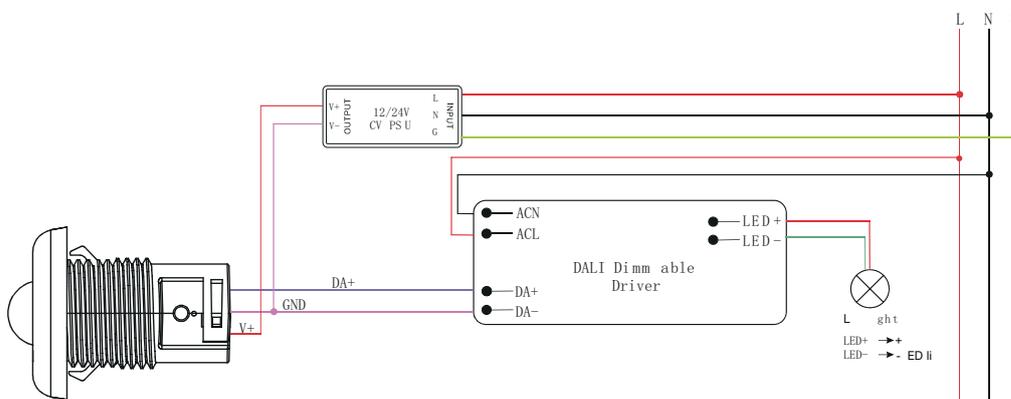
Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-4E-5-BLE-SR-D4i

SILVAIR



10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

The ANT-4E-5-BLE-SR-D4i uses PIR motion detector architecture and bluetooth to DALI technology for improved detection coverage applications. Powered by DALI BUS, extremely ease of use with DALI system, especially with D4i driver. Bluetooth to DALI signal PIR sensor controller, Bluetooth® mesh network. All devices on DALI line are broadcast controlled by mobile application.

Download on the App Store



google play

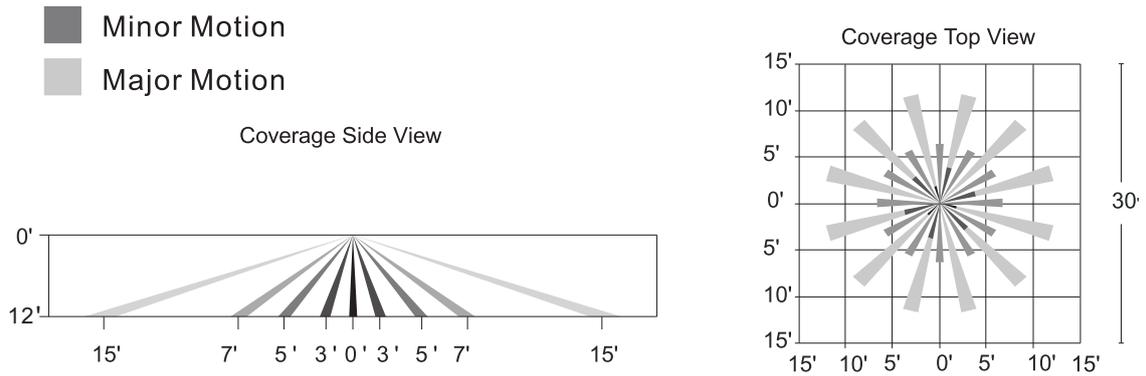


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	D4i DALI
Input Signal	Bluetooth
DALI Consumption Current	Max. 30mA
Control Dimming Curve	Logarithmic
Control Dimming Method	D4i
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

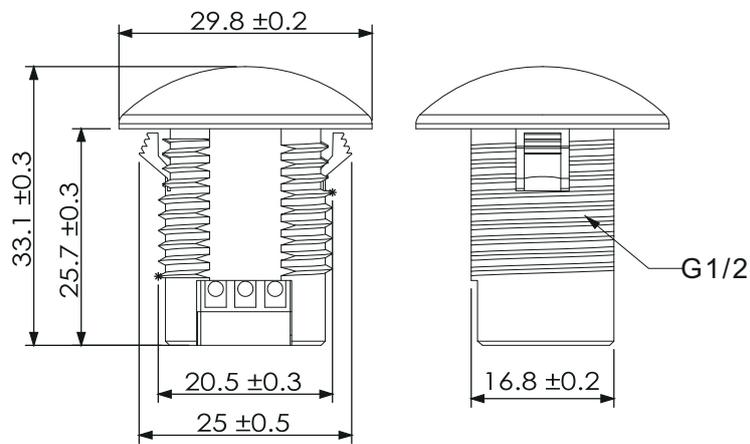


SENSOR COVERAGE



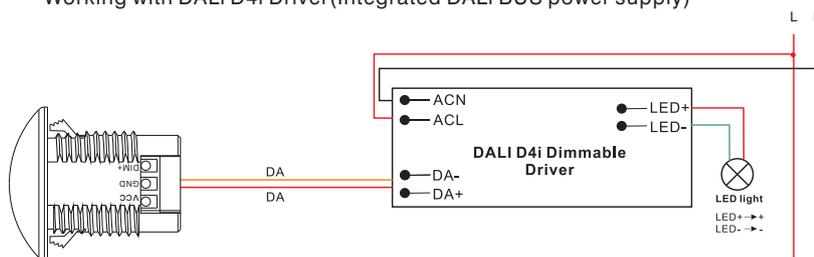
DIMENSIONS AND APPEARANCE

Unit:mm

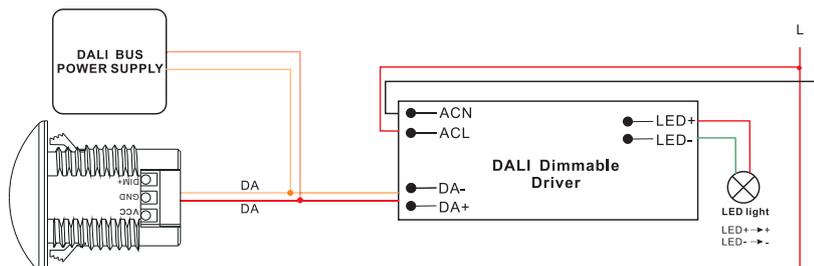


WIRING DIAGRAM

Working with DALI D4i Driver (Integrated DALI BUS power supply)



Working with DALI System (DALI BUS power supply)



ANT-4E-5-BLE-SR-D4i-CCT

SILVAIR



■ DALI BLE Fixture-Integrated PIR Sensor Controller

Bluetooth PIR Sensor

The ANT-4E-5-BLE-SR-D4i-CCT uses PIR motion detector architecture and bluetooth to DALI technology for improved detection coverage applications.

Powered by DALI BUS, extremely ease of use with DALI system, especially with D4i driver. Bluetooth to DALI signal PIR sensor controller, Bluetooth® mesh network. All devices on DALI line are broadcast controlled by mobile application.

Download on the
App Store



google play

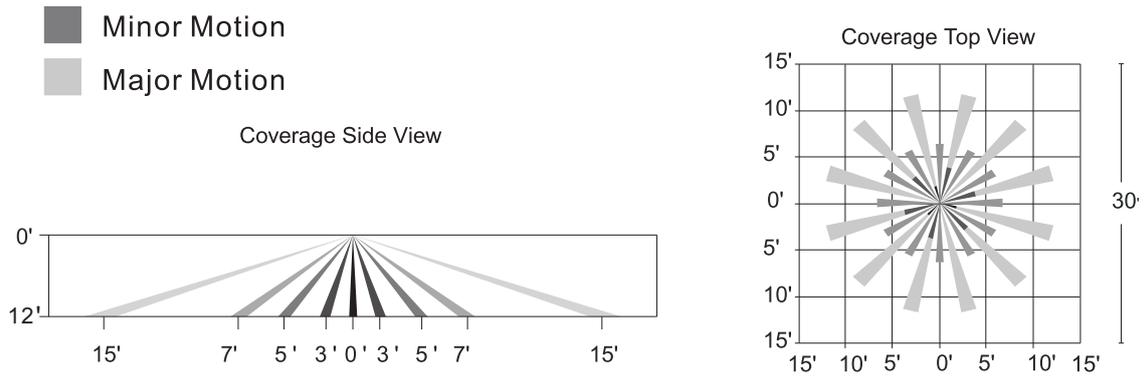


■ TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	D4i DALI
Input Signal	Bluetooth
DALI Consumption Current	Max. 30mA
Control Dimming Curve	Logarithmic
Control Dimming Method	1 channel for D4i, 1 channel for CCT
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

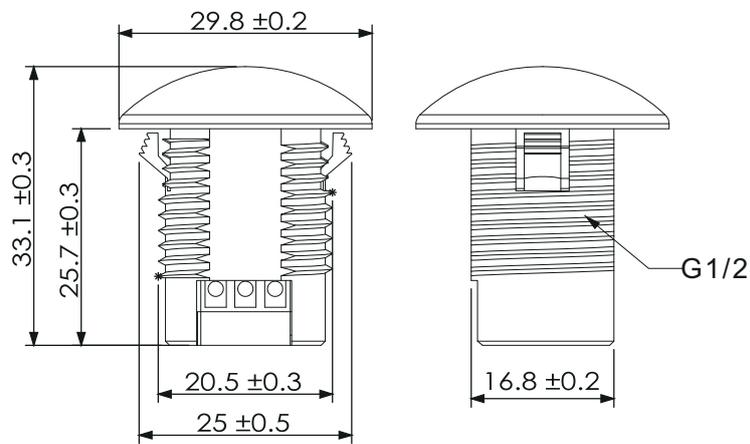


SENSOR COVERAGE



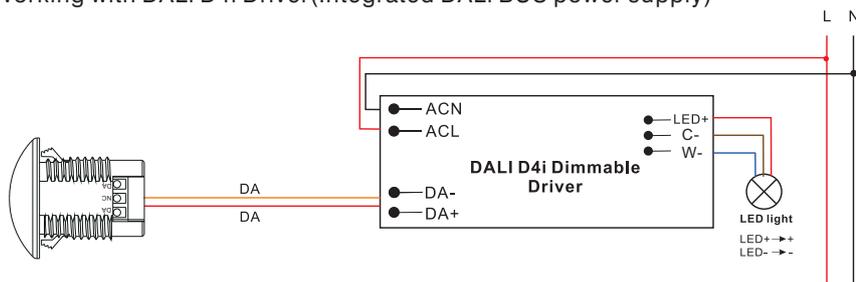
DIMENSIONS AND APPEARANCE

Unit:mm

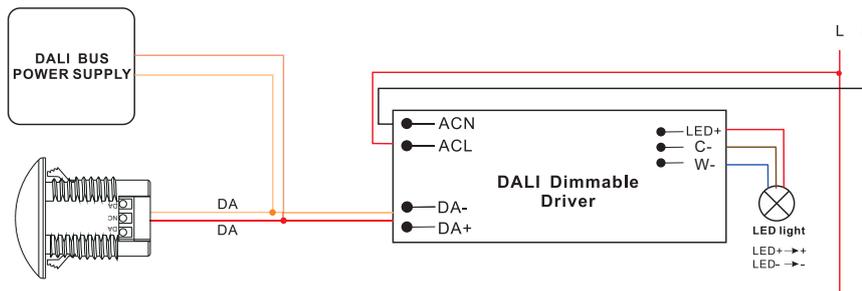


WIRING DIAGRAM

Working with DALI D4i Driver(Integrated DALI BUS power supply)



Working with DALI System (DALI BUS power supply)



ANT-4E-5A-BLE-SR-D4i

SILVAIR



10-14V 0-10V Fixture-Integrated

Bluetooth PIR Sensor

The ANT-4E-5A-BLE-SR-D4i uses PIR motion detector architecture and bluetooth to DALI technology for improved detection coverage applications.

Powered by DALI BUS, extremely ease of use with DALI system, especially with D4i driver. Bluetooth to DALI signal PIR sensor controller, Bluetooth® mesh network. All devices on DALI line are broadcast controlled by mobile application.

Download on the
App Store



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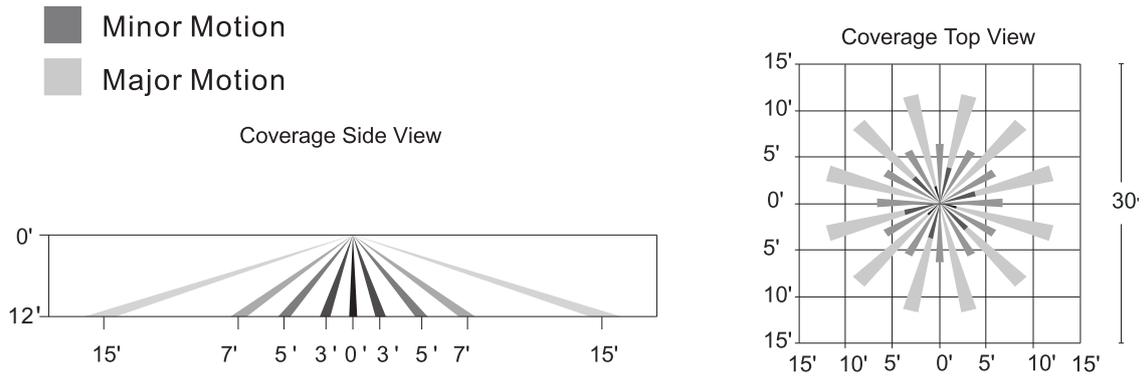


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	D4i DALI
Input Signal	Bluetooth
DALI Consumption Current	Max. 30mA
Control Dimming Curve	Logarithmic
Control Dimming Method	D4i
Mounting height	12ft Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

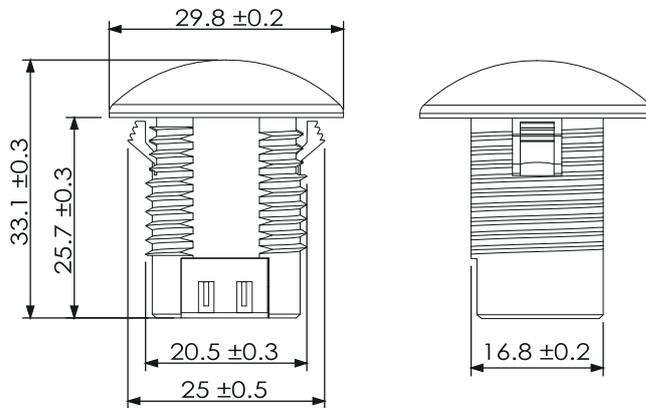


SENSOR COVERAGE



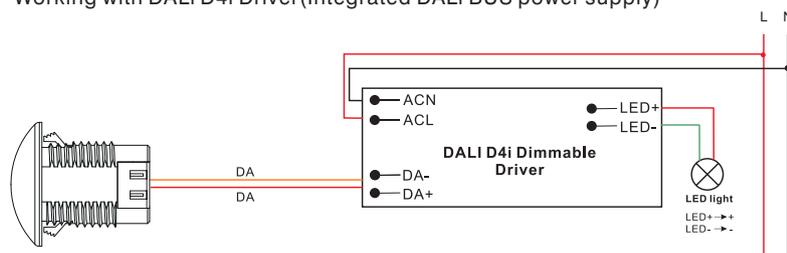
DIMENSIONS AND APPEARANCE

Unit:mm

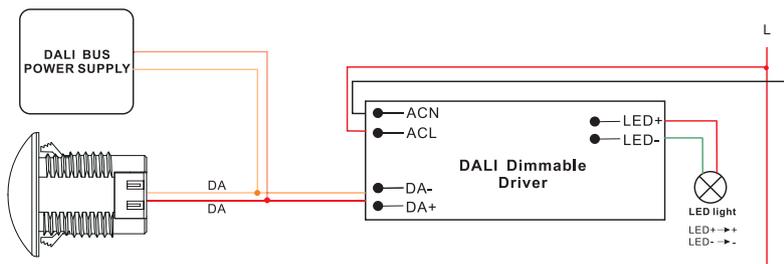


WIRING DIAGRAM

Working with DALI D4i Driver (Integrated DALI BUS power supply)



Working with DALI System (DALI BUS power supply)



ANT-5-ZT-BLE-SR-D4I

SILVAIR



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Bluetooth®
Declaration ID: D062134

12-24V DALI BLE ZHAGA BOOK 18

Bluetooth Microwave Sensor

ANT-5-ZT-BLE-SR-D4i uses microwave motion detector architecture and DALI technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silclair app.

ZHAGA BOOK 18 appearance design, low voltage connector, match with ZHAGA BOOK 18 BASE ANT-5-ZB.

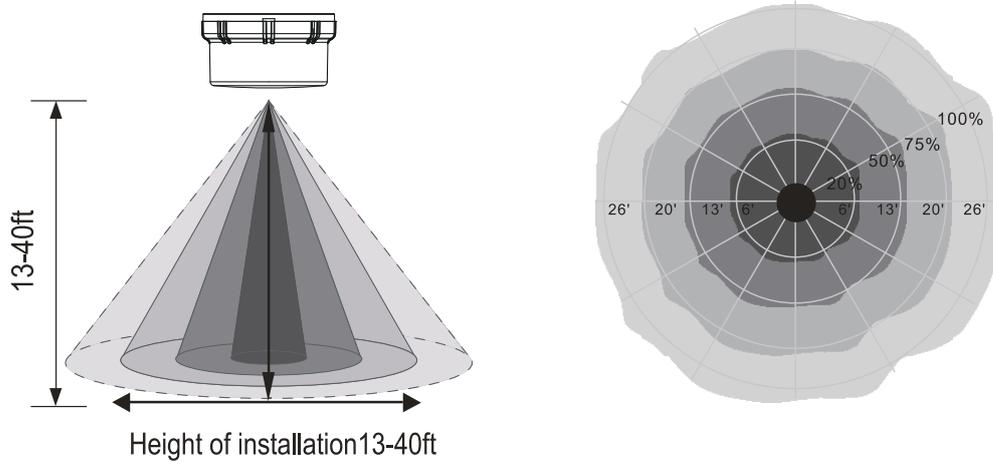


TECHNICAL DATA

Motion Sensor	Microwave sensor
Input Power	12-24VDC, >50mA
Powered by	DALI BUS
Control Output	DALI
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°C~70°C
IP rating	65
Max Bluetooth Range	200ft
Connection method	Zhaga Book 18
Warranty	5years

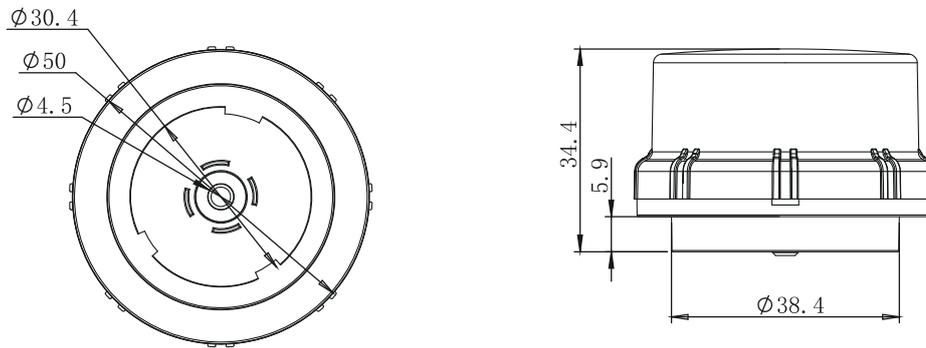


SENSOR COVERAGE

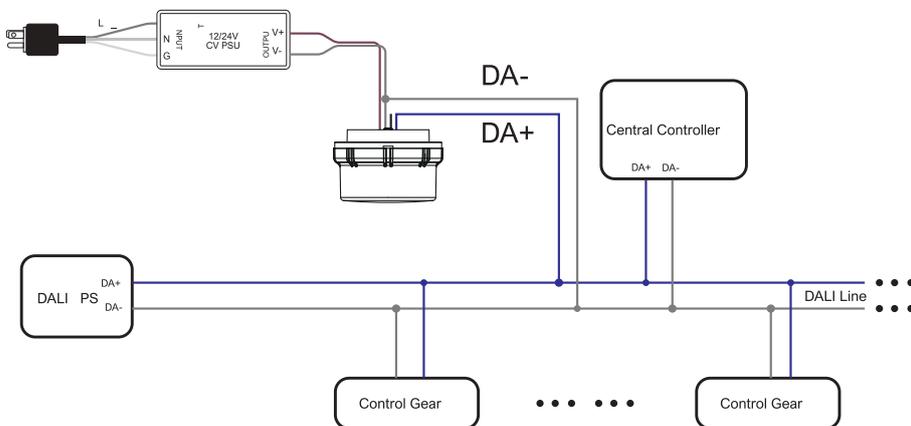


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



Note: please make sure the polarity of DALI signal of the sensor is correctly connected

ANT-6-ZT-BLE-SR-D4I

SILVAIR

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Bluetooth®
Declaration ID: D062134



12-24V DALI BLE ZHAGA BOOK 18 PIR Sensor

ANT-6-ZT-BLE-SR-D uses PIR motion detector architecture and DALI technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

ZHAGA BOOK 18 appearance design, low voltage connector, match with ZHAGA BOOK 18 BASE ANT-5-ZB.

Download on the
App Store



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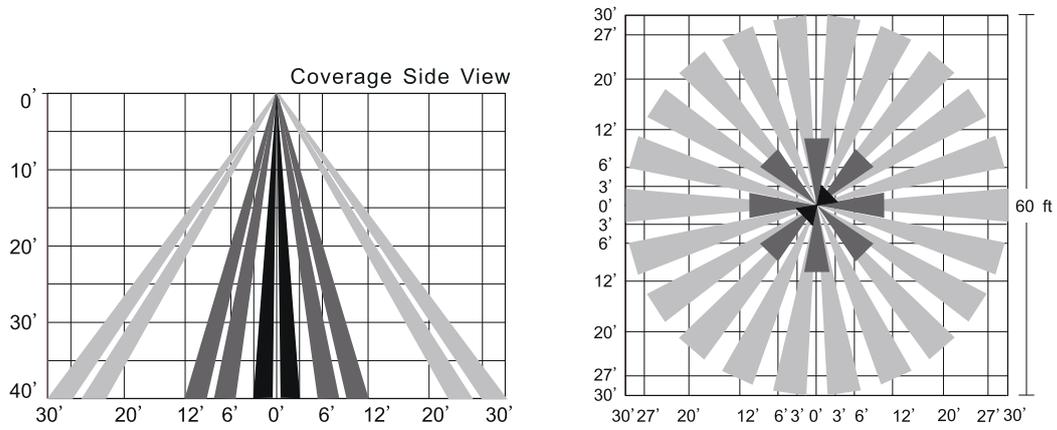


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	12-24VDC >50mA
Powered by	DALI BUS
Control Output	DALI
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-20°C~60°C
IP rating	65
Max Bluetooth Range	200ft
Warranty	5years

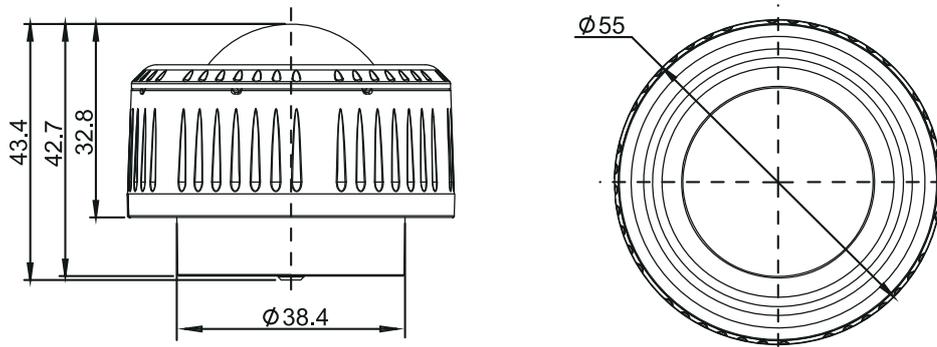


SENSOR COVERAGE

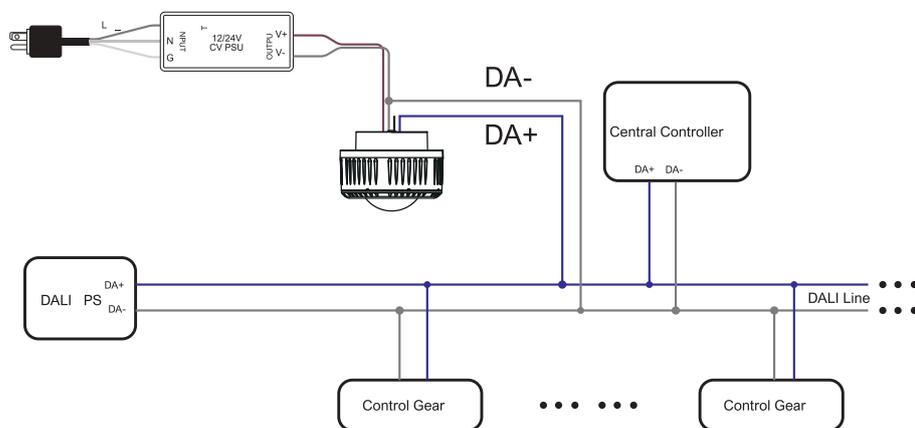


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



Note: please make sure the polarity of DALI signal of the sensor is correctly connected

ANT-15P-3-BLE-SR-D4I

SILVAIR



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Bluetooth®
Declaration ID: D062134

10-14V DALI BLE Fixture-Integrated PIR Sensor

The ANT-15P-3-BLE-SR-D4I uses PIR motion detector architecture and bluetooth to DALI technology for improved detection coverage applications.

Plug in & play design, low voltage 2PIN Quick connector.

Download on the
App Store



google play



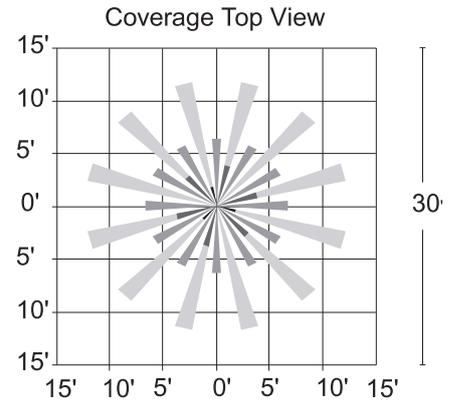
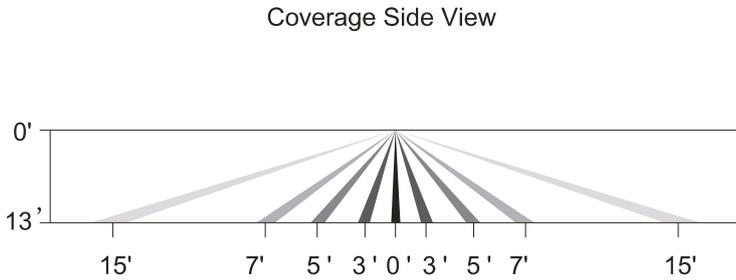
TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	DALI D4i
Powered by	DALI BUS
Control Output	D4i
Mounting height	13ft(4m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years



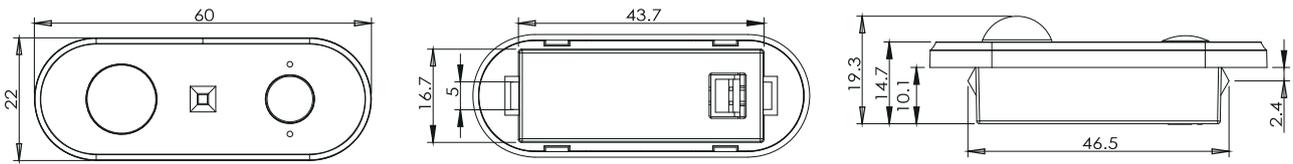
SENSOR COVERAGE

- Minor Motion
- Major Motion



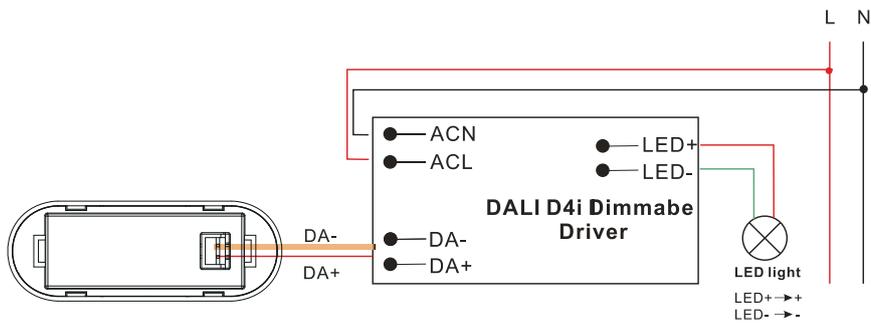
DIMENSIONS AND APPEARANCE

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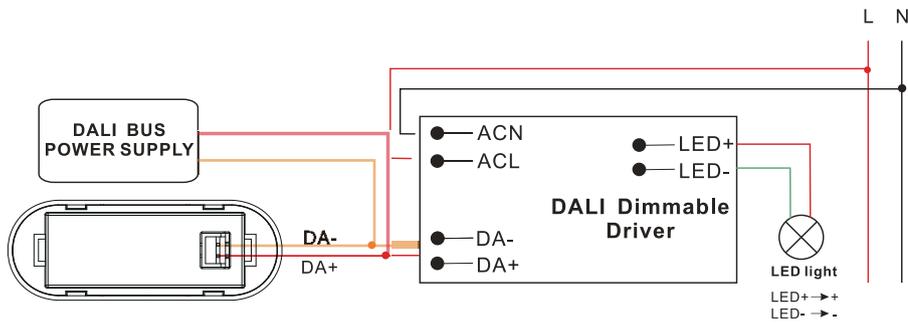


WIRING DIAGRAM

Working with DALI D4i Driver(Integrated DALI BUS power supply)



Working with DALI System (DALI BUS power supply)





BRI-CMP305-LV-BLE-SR-D4I

SILVAIR



0-10V Ceiling BLE DALI PIR Sensor

BRI-CMP305-LV-BLE-SR-D4i uses PIR motion detector architecture and bluetooth to DALI technology for improved detection coverage applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ip20 design.

Download on the App Store



google play

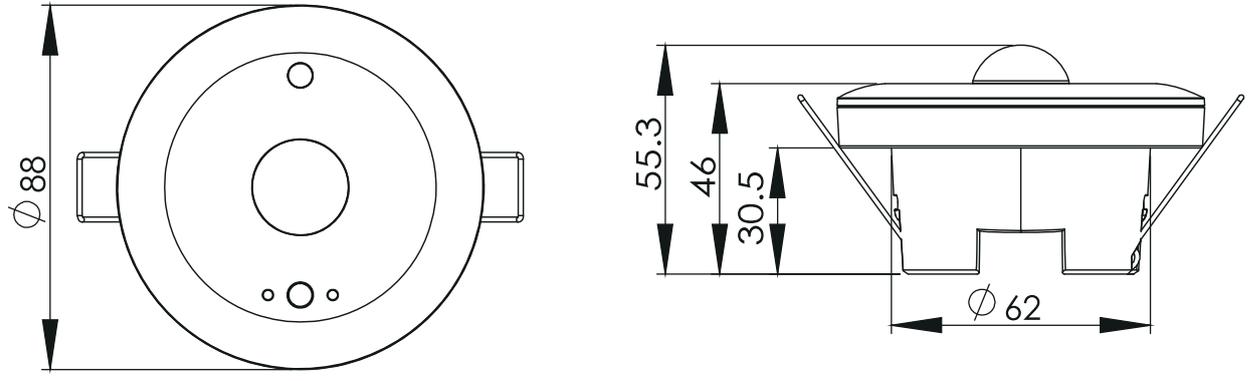


TECHNICAL DATA

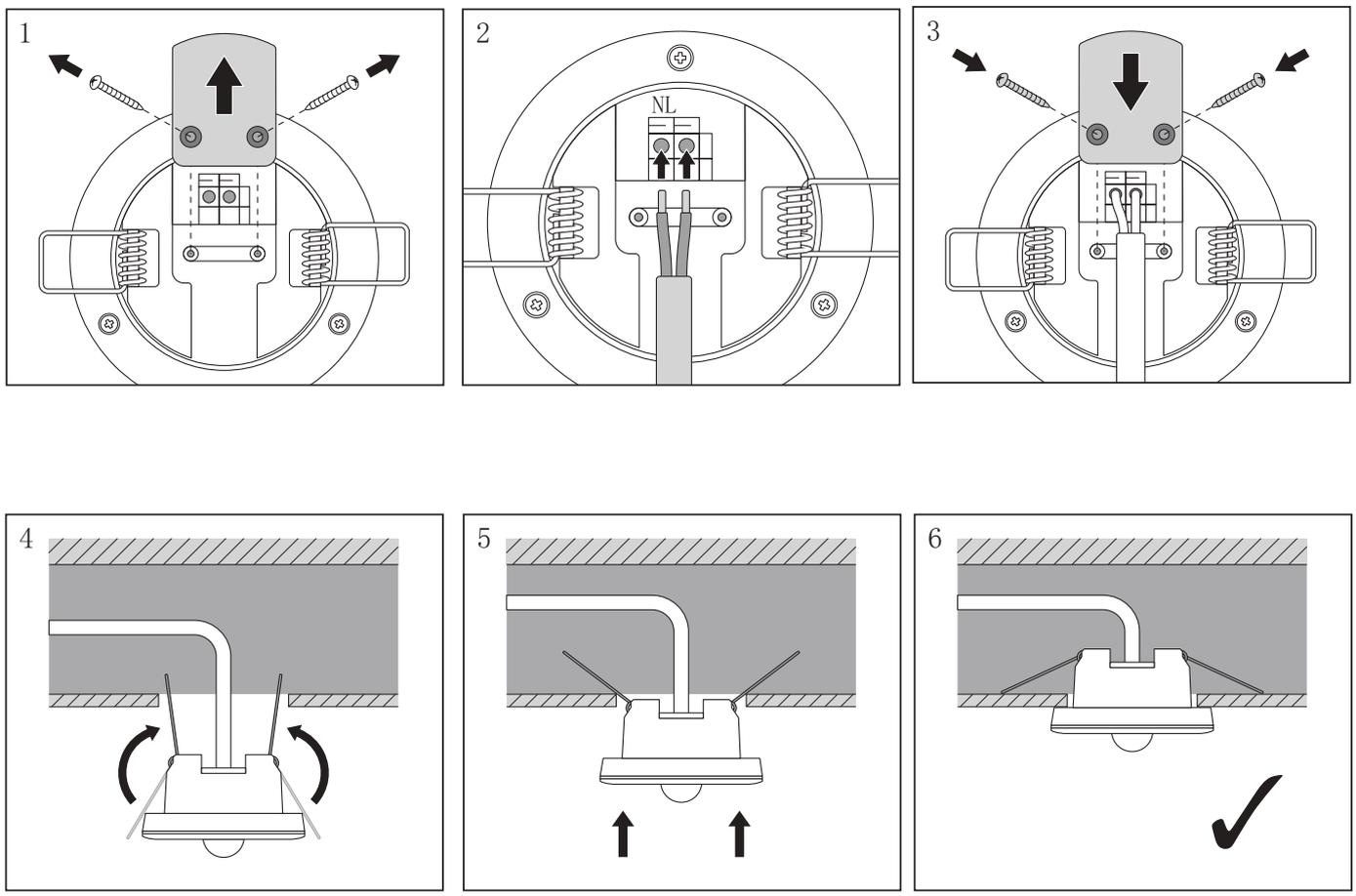
Motion Sensor	Passive infrared sensor
Input Power	DALI D4i
Powered by	DALI BUS
Control Output	D4i
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years



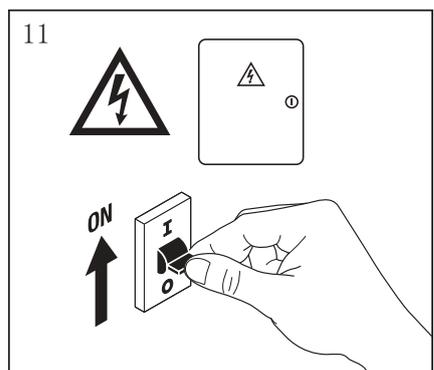
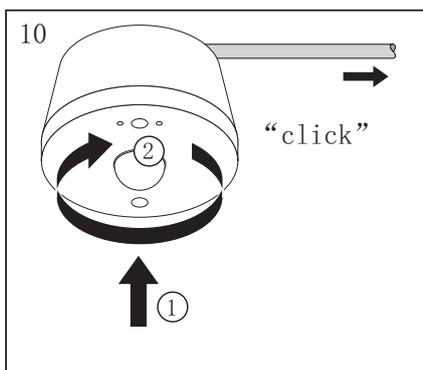
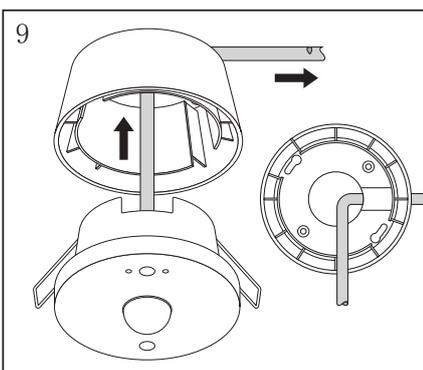
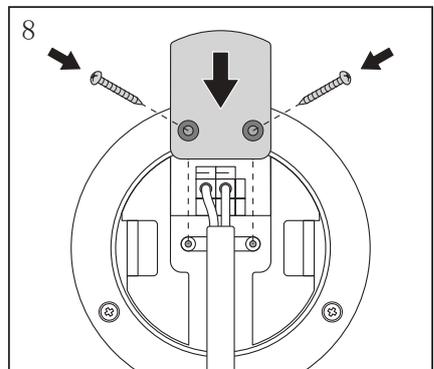
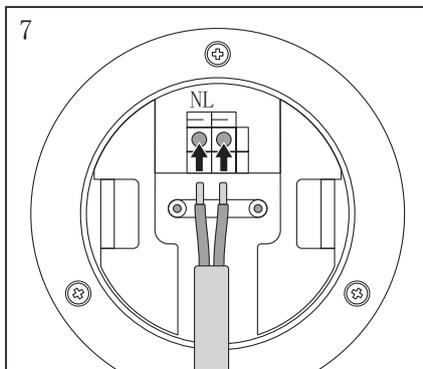
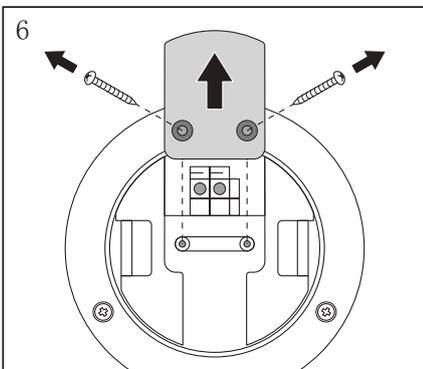
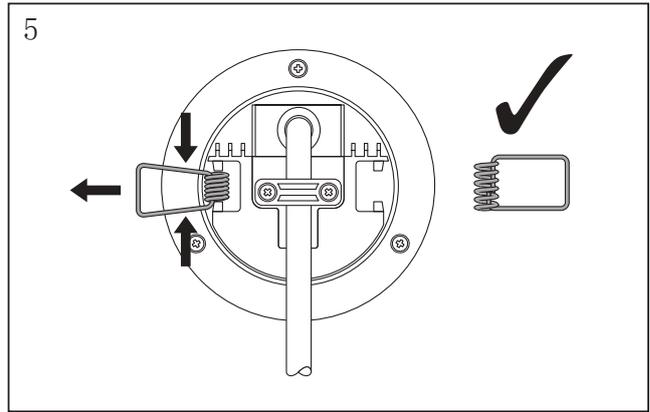
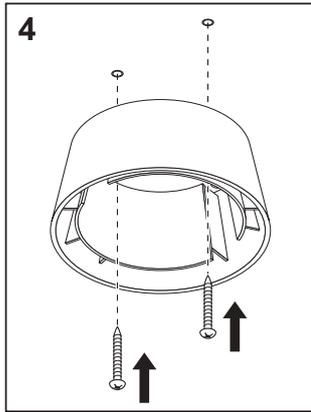
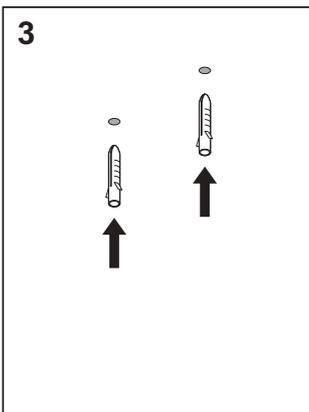
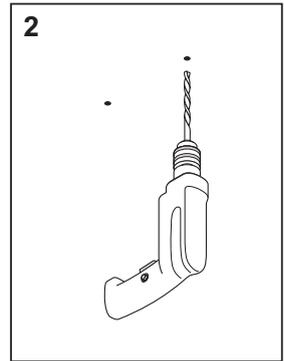
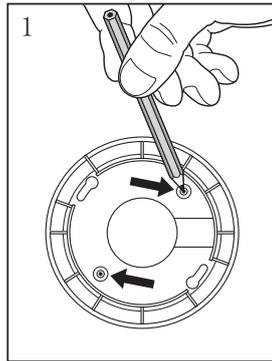
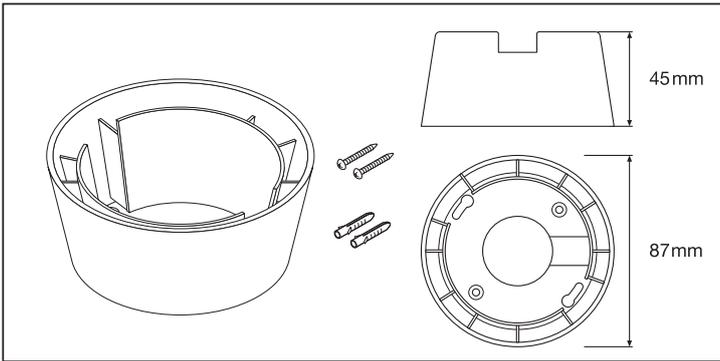
DIMENSIONS AND APPEARANCE



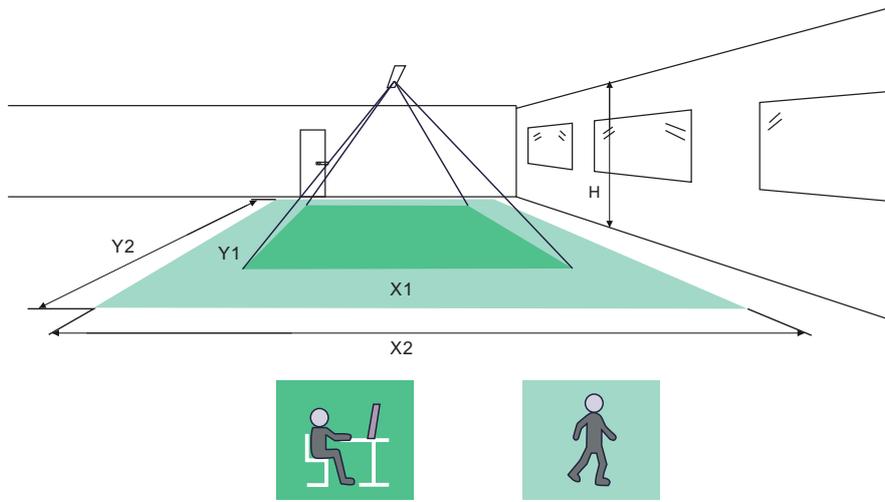
INSTALLATION Ceiling Recessed



Surface Mounted



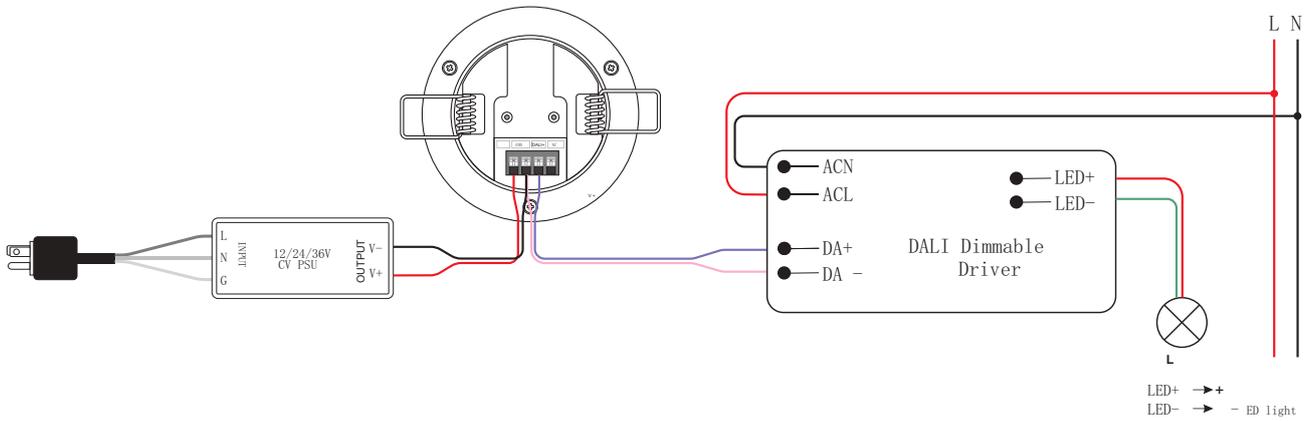
SENSOR COVERAGE



Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

WIRING DIAGRAM



BRI-CMU308-LV-BLE-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

12-60V Wireless Dimming

Bluetooth Ultrasonic Sensor

BRI-CMU308-LV-BLE-SR is an ultrasonic occupancy sensor. The sensor actively emits high frequency sound waves (40kHz) and uses the Doppler Effect to detect motion.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. This device communicates wirelessly via Bluetooth Mesh technology allowing for wireless control of luminaires.

Download on the
App Store



google play



Two ways of installation:

- Mounted 20° from vertical in wall fixture. Max Sensor Range: 23ft x 25ft
- Mounted parallel to floor in ceiling fixture Max Sensor Range: 18ft x 24 ft.



Electrical

·BRI-CMU308-LV-BLE-SR utilizes aBluetooth® Low Energy(BLE)mesh network.

·Max Bluetooth® range is100'(30m)line of sight and highlydependent on the integration offixtures, surrounding environment.It isrecommended to conduct testing forrange accuracy.

·Input Voltage | Current Consumption:12-60VDC,>100mA



SENSOR COVERAGE

Top view, BRI-CMU308-LV coverage pattern, sensor mounted 8' high, parallel to floor

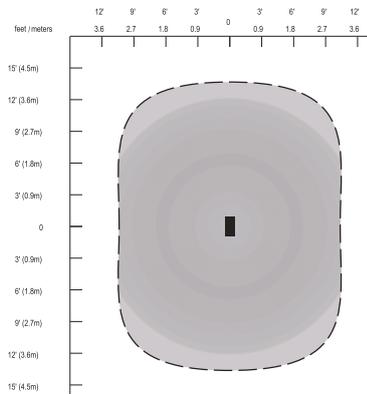


Figure 7.

Top view, BRI-CMU308-LV coverage pattern, sensor mounted 20° from vertical

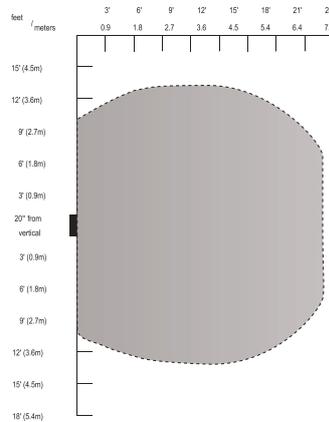


Figure 8.

APPLICATIONS

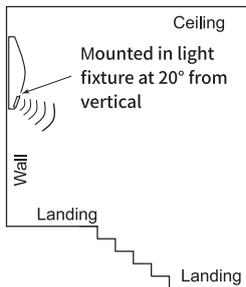


Figure 2a.

BRI-CMU308-LV Mounted 20° from vertical in wall fixture.

Mounted parallel to floor in ceiling fixture

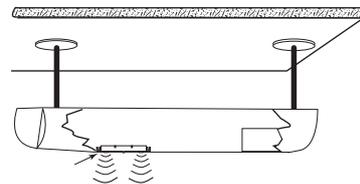


Figure 2b.

WIRING DIAGRAM

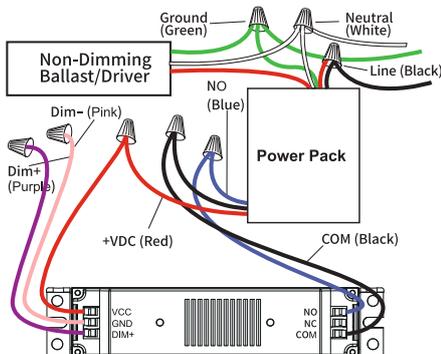


Figure 4.

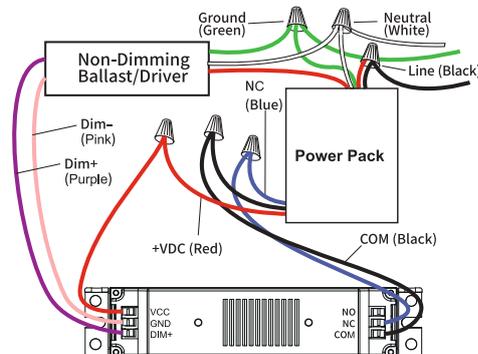


Figure 5.

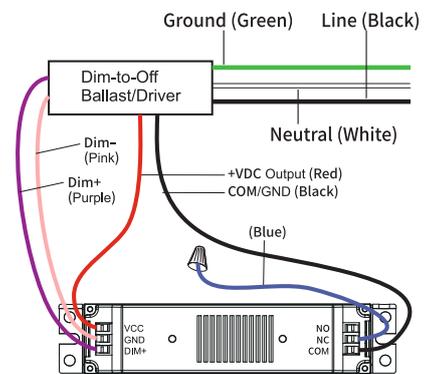


Figure 6.

BRI819P-B-D-BLE-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

120-277V 0-10V Side Mounted

Bluetooth PIR Sensor

BRI819P-B-D-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

1/2" knock out, side mounted.



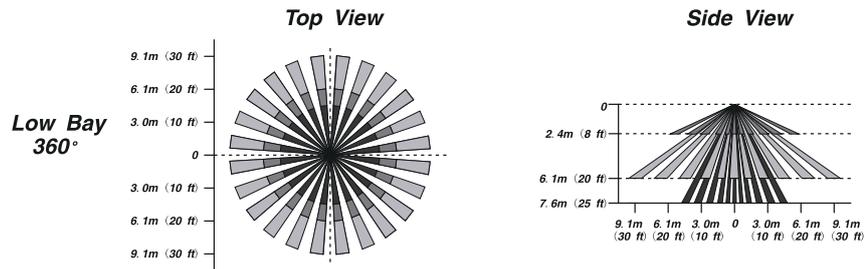
TECHNICAL DATA

Motion Sensing	Passive IR
Input Power	120/277VAC 50/60Hz
Control Output	0-10V, max 25mA sinking current
Maximum load	Resistive/Tungsten - 600W@120V Electronic Ballast - 800W@120V/1200W@277V
Detection angle	360°
Len L1	Max. detection radius 30ft; Max. mounting height 25ft
Len L2	Max. detection radius 30ft; Max. mounting height 40ft
Operating temperature	-20°C ~ +60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

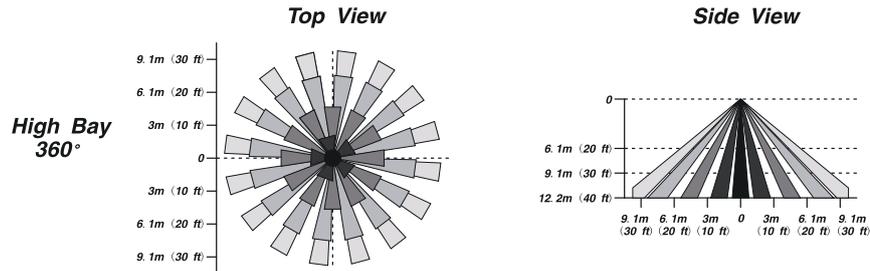


SENSOR COVERAGE

L1 Len

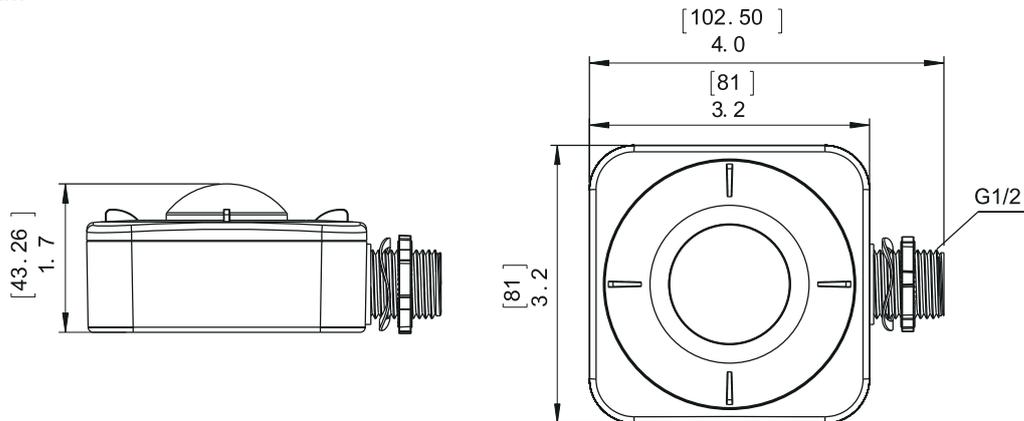


L2 Len

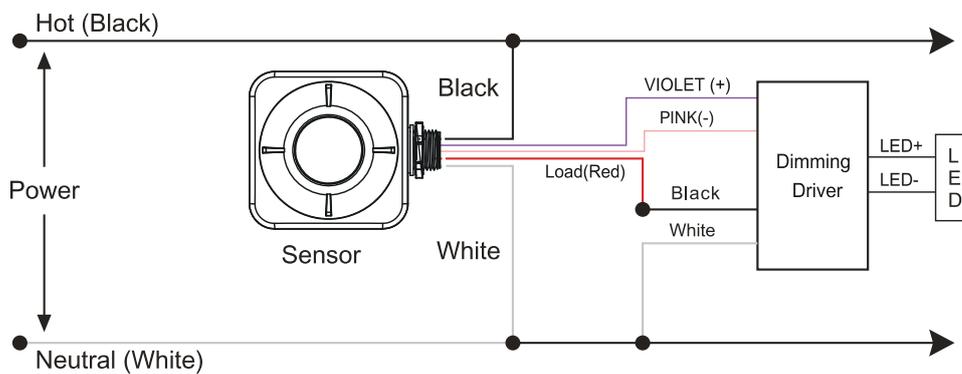


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BRI812P-D-A-D-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



120-480V 0-10V Side mounted

Bluetooth PIR Sensor

BRI823-X-D-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

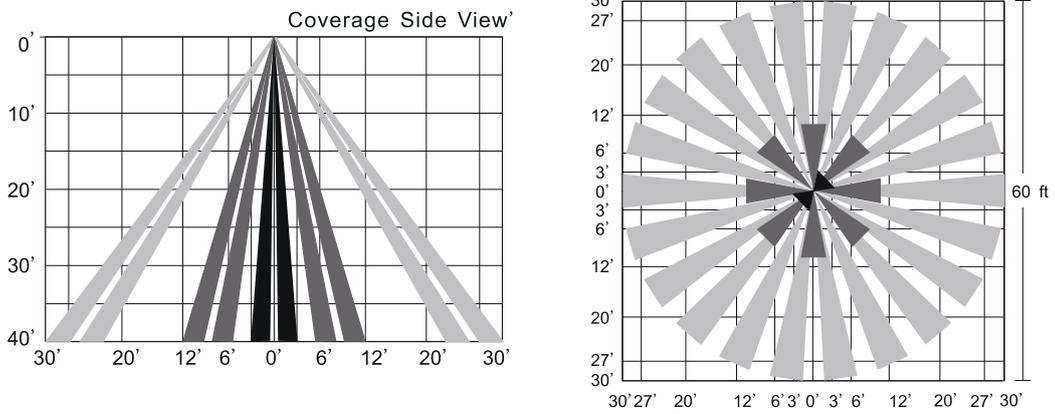


TECHNICAL DATA

Motion Sensing	Passive IR
Input Power	120-480V 50/60Hz
Control Output	0-10V, max 25mA sinking current Tungsten -800W@120V/1200W@277V Electronic Ballast - 8A@120V/5A@277V/5A@347V Standard ballast - 5A@480V
Maximum load	
Mounting height	Max. detection radius 30ft; Max. mounting height 40ft(12m)
Operating temperature	-40°C~+70°C
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years

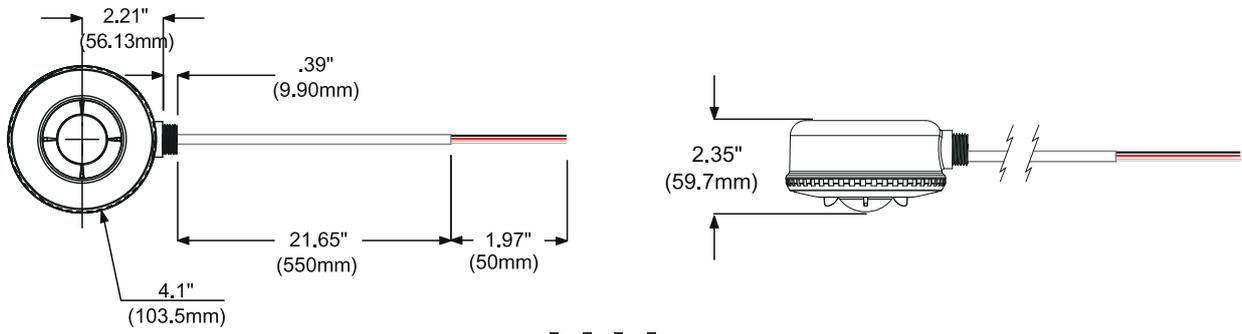


SENSOR COVERAGE

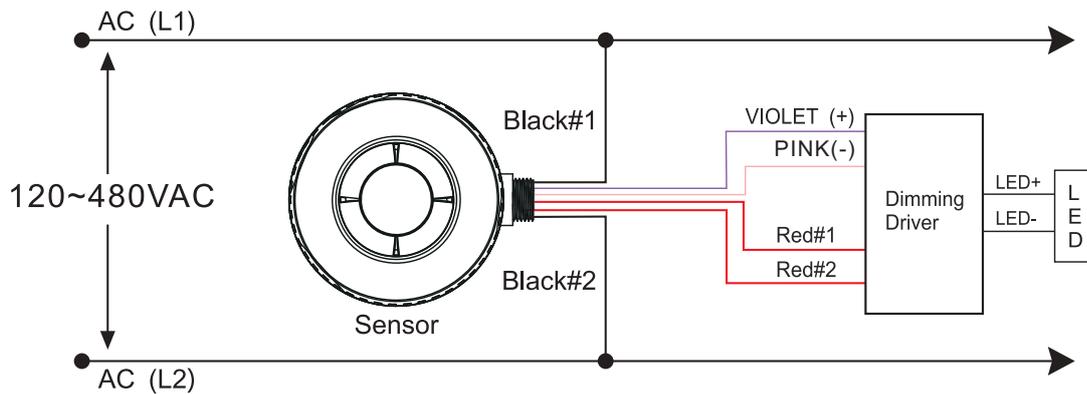


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BRI812P-D-B-D-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



120-480V 0-10V Side mounted

Bluetooth PIR Sensor

BRI812P-D-B-D-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Download on the
App Store



google play

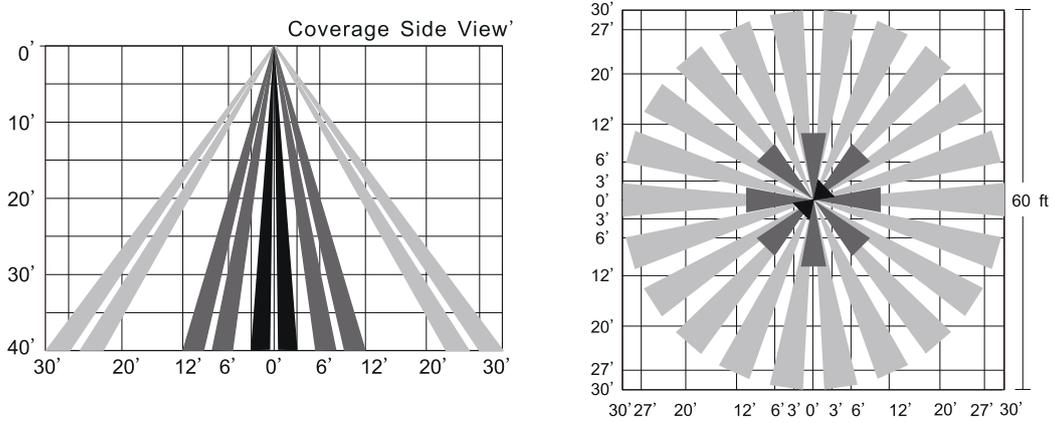


TECHNICAL DATA

Motion Sensing	Passive IR
Input Power	120-480V 50/60Hz
Control Output	0-10V, max 25mA sinking current Tungsten -800W@120V/1200W@277V Electronic Ballast - 8A@120V/5A@277V/5A@347V Standard ballast - 5A@480V
Maximum load	
Mounting height	Max. detection radius 30ft; Max. mounting height 40ft(12m)
Operating temperature	-40°C~+70°C
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years

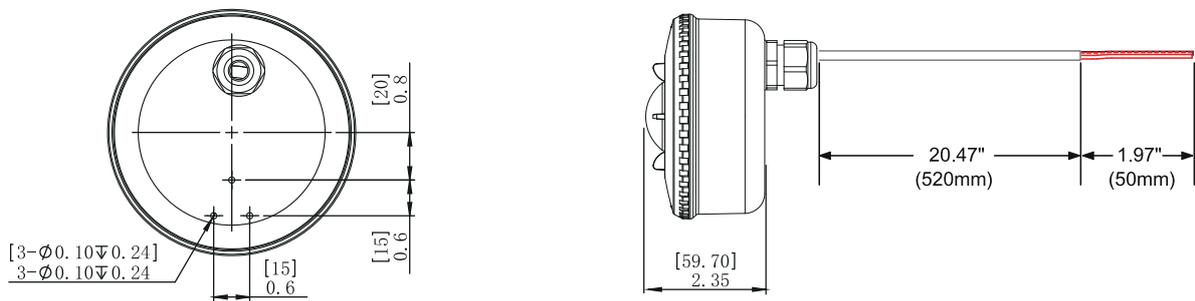


SENSOR COVERAGE

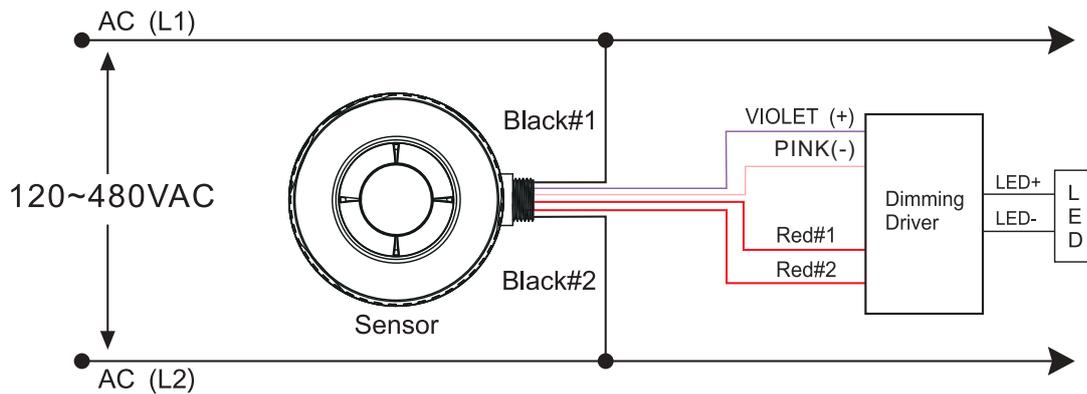


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BRI823-X-D-BLE-SR

SILVAIR

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DLC
Bluetooth®
Declaration ID: D062134



120-277V 0-10V "Z" Design Side mounted

Bluetooth PIR Sensor

BRI823-X-D-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay, and low bay applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

1/2" knock out, side mounted, "Z" design.

Download on the
App Store



google play



L3 (High bay)



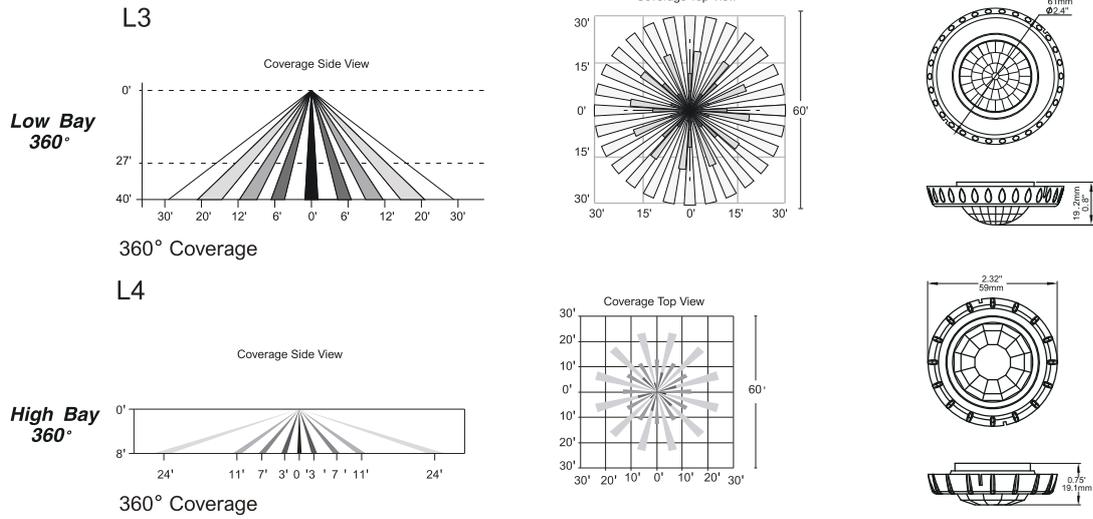
L4 (Low bay)

TECHNICAL DATA

Motion Sensing	Passive IR
Input Power	120/277VAC 50/60Hz
Control Output	0-10V, max 25mA sinking current
Maximum load	Resistive/Halogen - 800W@120V/1200W@277V Fluorescent Ballast - 660W@120V/1200W@277V Electronic Ballast (LED/CFL) - 5A@120V/5A@277V
Len L3(High bay)	Max. detection radius 30ft; Max. mounting height 40ft
Len L4(Low bay)	Max. detection radius 30ft; Max. mounting height 20ft
Operating temperature	-20°C~+60°C
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years

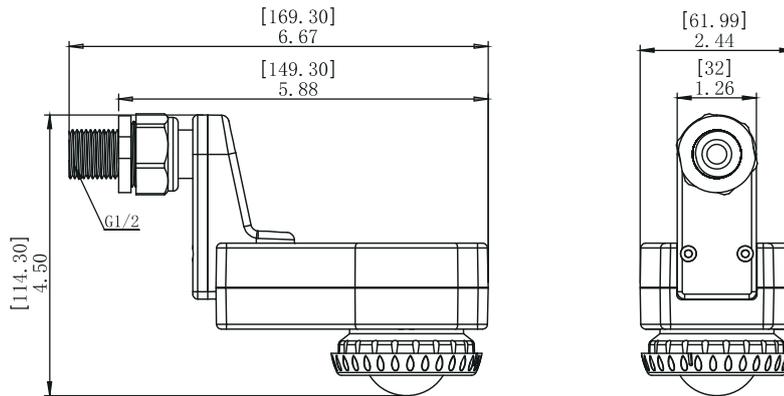


SENSOR COVERAGE

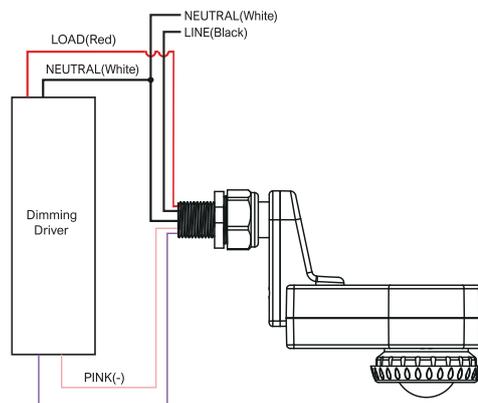


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-4E-CON-BLE-SR

SILVAIR



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ETL
DLC
Bluetooth®
Declaration ID: D062134

0-10V Wireless Fixture Controller

Snap in Node with Quick Connector

ANT-4E-CON-BLE-SR allows for 0-10v dimming, and integrated with the bluetooth system .

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SILVAIR app.

Download on the
App Store



google play



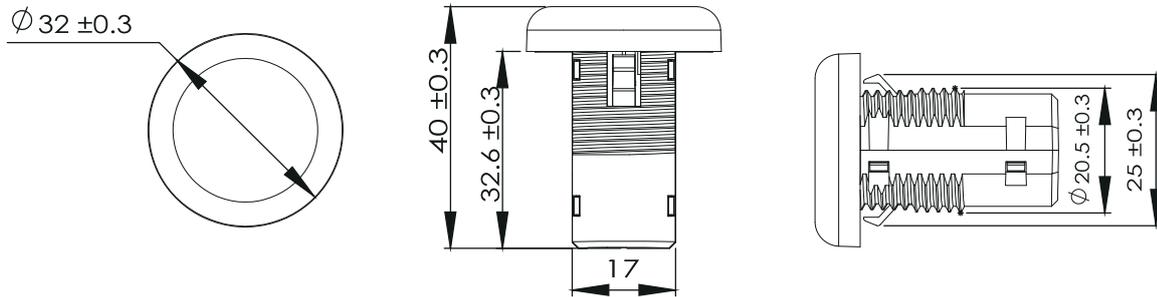
TECHNICAL DATA

Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Operating temperature	-40°C-70°C
Max Bluetooth Range	100ft(30m)
Warranty	5years

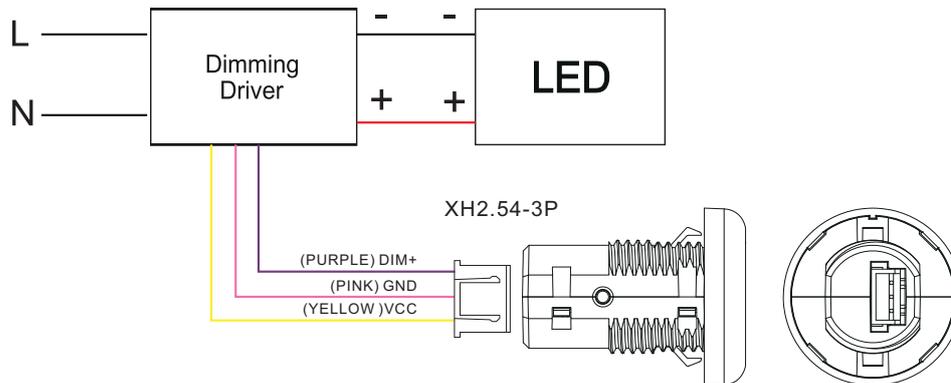


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-5-4T-CON-BLE-SR

SILVAIR

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DLC
Bluetooth®
Declaration ID: D062134



0-10V Wireless Fixture Controller

Bluetooth Microwave Sensor

ANT-5-4T-CON-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Sil vair app.

Plug in & play design, low voltage connector, match with audio jack ANT-5-4B-2.



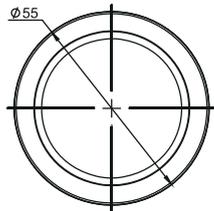
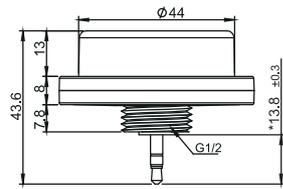
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years

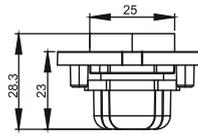
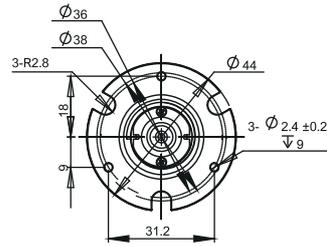


DIMENSIONS AND APPEARANCE

Unit:mm

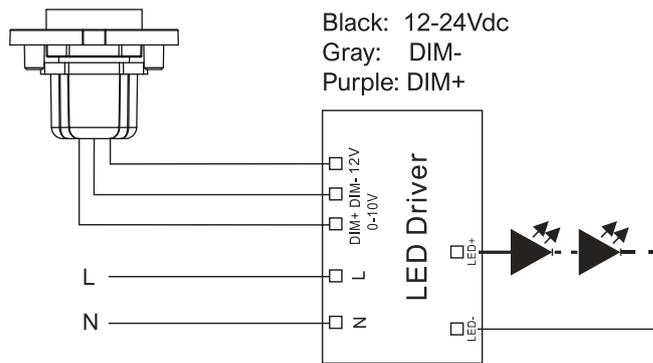


ANT-5-4T-BLE-SR(receptacle)



ANT-5-4B-2(receptacle)

WIRING DIAGRAM



ANT-5-ZT-CON-BLE-SR

SILVAIR



FCC
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DLC
Bluetooth®
Declaration ID: D062134

12-24V 0-10V Wireless Fixture Controller Whit

ZHAGA BOOK 18 Bluetooth Microwave Sensor

ANT-5-ZT-CON-BLE-SR uses microwave motion detector architecture technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvair app.

ZHAGA BOOK 18 appearance design, low voltage connector, match with ZHAGA BOOK 18 BASE ANT-5-ZB.



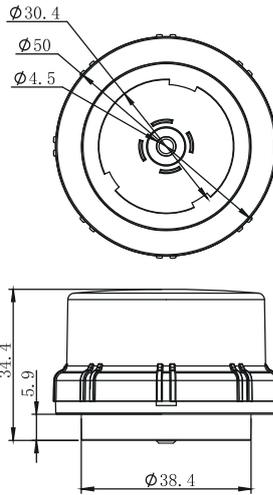
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years



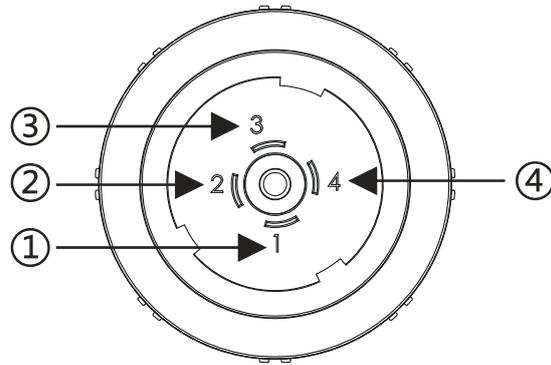
DIMENSIONS AND APPEARANCE

Unit:mm



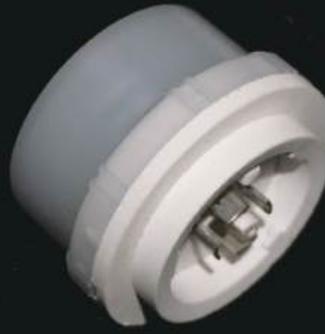
WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 :NC



ANT-5-Z10-CON-BLE-SR

SILVAIR



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DLC
Bluetooth®
Declaration ID: D062134

12-24V 0-10V Wireless Fixture Controller With Z10 Connector

ANT-5-Z10-CON-BLE-SR allows for 0-10v dimming, and integrated with the Bluetooth system.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Z10 design, low voltage connector, match with all Z10 base.



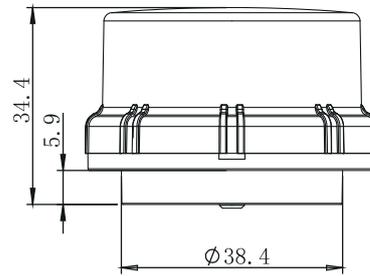
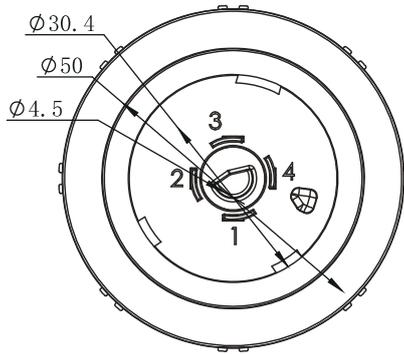
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years



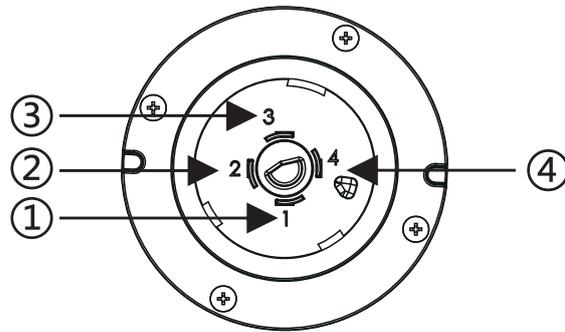
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC



ANT-5-4R-CON-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



12-24V 0-10V Wireless Fixture Controller With 3PIN Connector

ANT-5-4R-CON-BLE-SR allows for 0-10v dimming, and integrated with the Bluetooth system.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvair app.

3PIN design, low voltage connector, match with all Sharkward 3PIN Base ANT-5-4S.

Download on the
App Store



google play



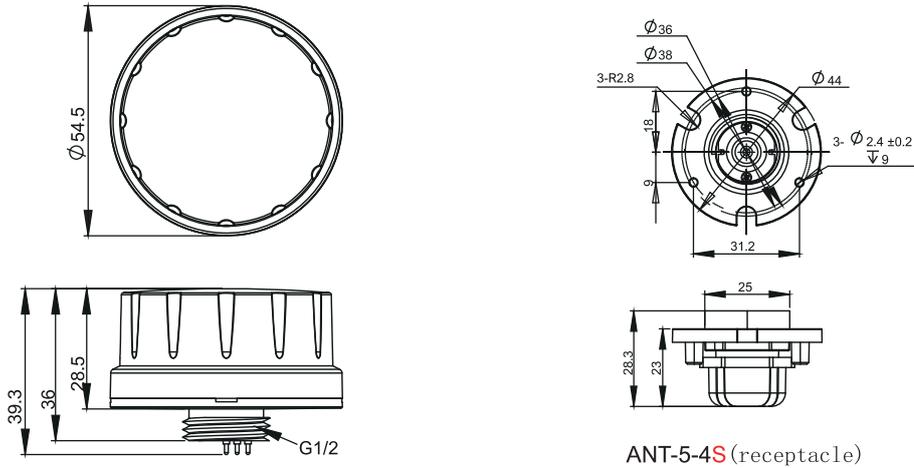
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years

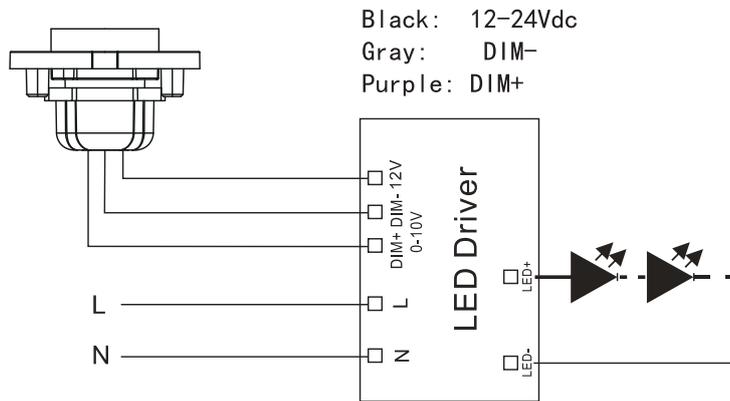


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-5-4H-CON-BLE-SR

SILVAIR



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ETL
DLC
Bluetooth®
Declaration ID: D062134

12-24V 0-10V Wireless Fixture Controller With Longer 3PIN Connector

ANT-5-4H-CON-BLE-SR allows for 0-10v dimming, and integrated with the Bluetooth system..

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Longer 3PIN design, low voltage connector.



TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years



ANT-5-4T-CON-BLE-SR-TX

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



3.5mm Audio Jack DC Bluetooth Controller

ANT-5-4T-CON-BLE-SR-TX allows for 0-10v dimming, and integrated with the Bluetooth system.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Plug in & play design, low voltage connector, match with audio jack ANT-5-4B-2.



TECHNICAL DATA

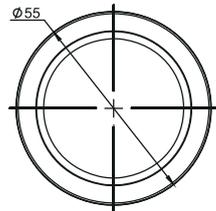
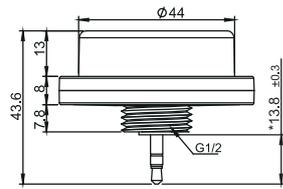
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Operating temperature	-40°F~+158°F(-40°C+70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	500ft(150m)
Warranty	5years

119
119

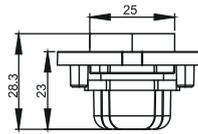
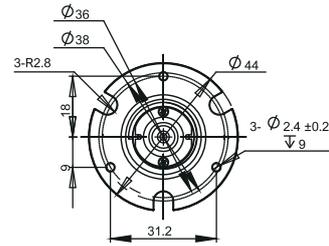


DIMENSIONS AND APPEARANCE

Unit:mm

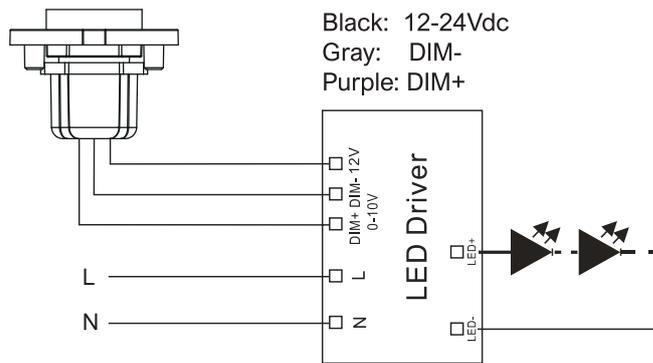


ANT-5-4T-BLE-SR(receptacle)



ANT-5-4B-2(receptacle)

WIRING DIAGRAM



ANT-5-ZT-CON-BLE-SR-TX

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



12-24V 0-10V ZHAGA BOOK 18 Fixture

Bluetooth Controller with Longer External Antenna

ANT-5-ZT-CON-BLE-SR-TX allows for 0-10v dimming, and integrated with the Bluetooth system.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

ZHAGA BOOK 18 appearance design, low voltage connector, match with ZHAGA BOOK 18 BASE ANT-5-ZB.

Download on the
App Store



google play



TECHNICAL DATA

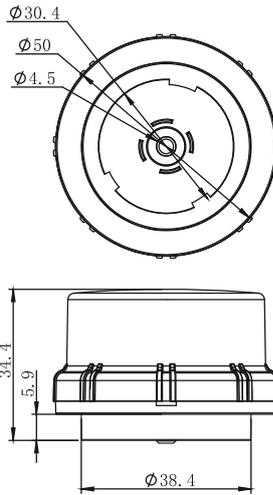
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Operating temperature	-40°F~+158°F(-40°C+70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	500ft(150m)
Warranty	5years

121
121



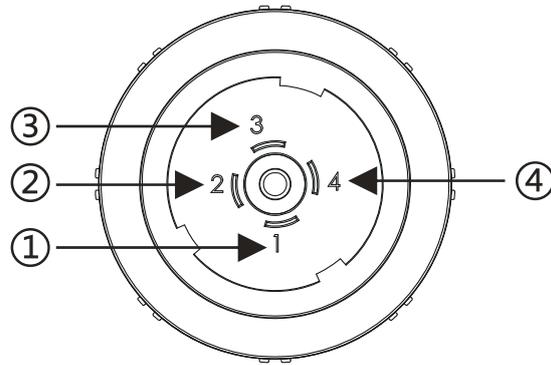
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 :NC



ANT-5-Z10-CON-BLE-SR-TX

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



12-24V Fixture Bluetooth Controller with Longer External Antenna

ANT-5-Z10-CON-BLE-SR-TX allows for 0-10v dimming, and integrated with the Bluetooth system.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silclair app.

Z10 design, low voltage connector, match with Z10 base.

Download on the
App Store



google play



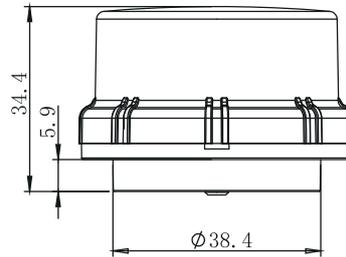
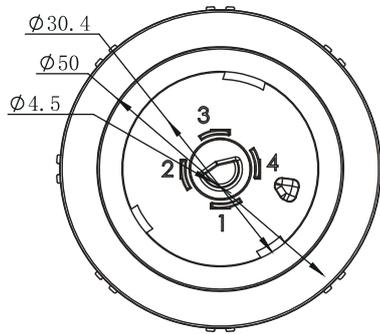
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Operating temperature	-40°F~+158°F(-40°C+70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	500ft(150m)
Warranty	5years



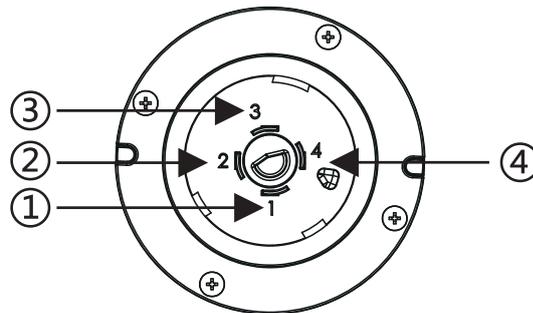
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC



ANT-5-4R-CON-BLE-SR-TX

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



12-24V Fixture Bluetooth Controller with Longer External Antenna

ANT-5-4R-CON-BLE-SR-TX allows for 0-10v dimming, and integrated with the Bluetooth system.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

3PIN design, low voltage connector, match with Sharkward 3PIN Base.

Download on the App Store



google play



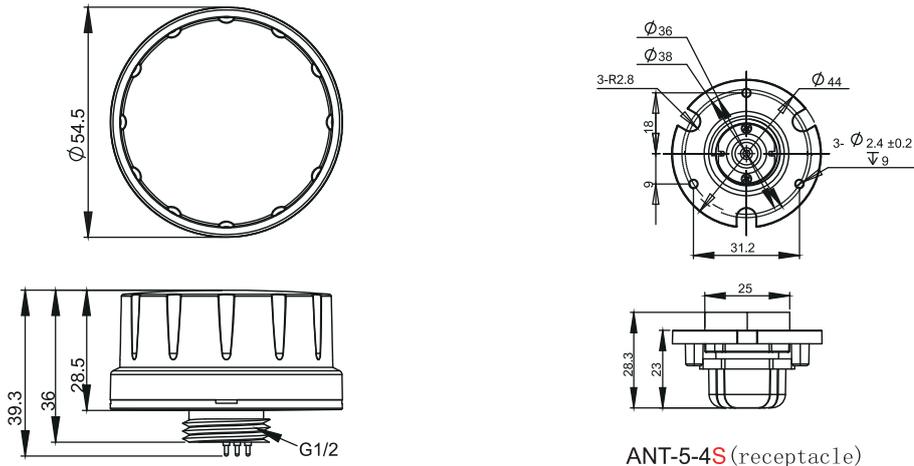
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Operating temperature	-40°F~+158°F(-40°C+70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	500ft(150m)
Warranty	5years

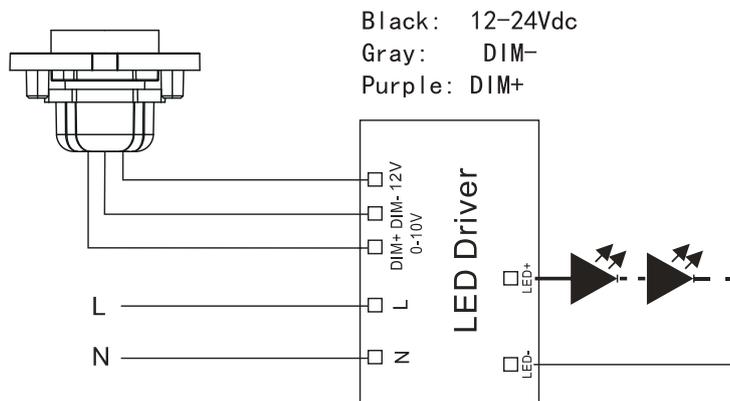


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-5-4H-CON-BLE-SR-TX

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



12-24V Fixture Bluetooth Controller with Longer External Antenna

ANT-5-4H-CON-BLE-SR-TX allows for 0-10v dimming, and integrated with the Bluetooth system.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Longer 3PIN design, low voltage connector.



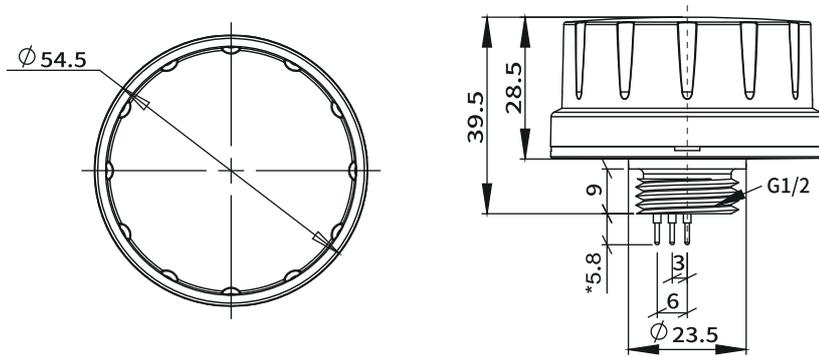
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	40ft(12m) Max.
Operating temperature	-40°F~+158°F(-40°C+70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	500ft(150m)
Warranty	5years

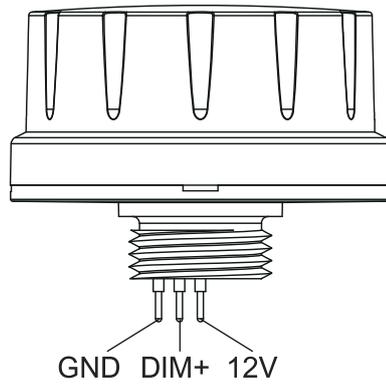


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-11-CON-BLE-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

12-24V 0-10V Wireless Fixture Controller

ANT-11-CON-BLE-SR allows for 0-10V dimming, and integrated with the Bluetooth system.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvair app.

Ip65 Waterproof Design.



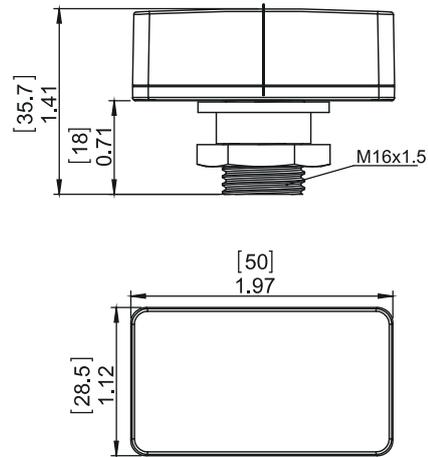
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Wireless Standards	5.0 Bluetooth Mesh
Max Bluetooth Range	200ft(60m)
Warranty	5years

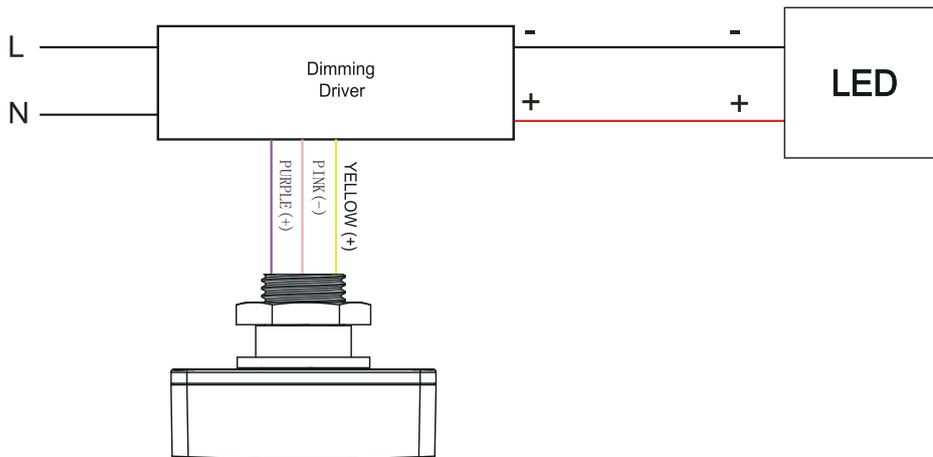


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BRI-PP08-SCR-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

Wireless Bluetooth Dimming Power Pack

Bluetooth Mesh in Silvailr

The BRI-PP08-SCR-SR wireless power pack controller provides On/Off switching and phase cut TRIAC dimming to a connected lighting load as directed by wireless control in the Silvailr network. The power pack operates on line voltage input (120V-277V). The contractor-friendly form factor conveniently mounts in a KO hole of a standard junction box or luminaire driver box via a threaded chase nipple and lock nut. The unit can also be installed inside luminaire driver boxes.

Download on the
App Store



google play

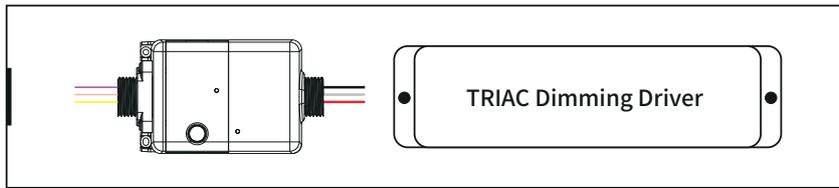


FEATURES & SPECIFICATIONS

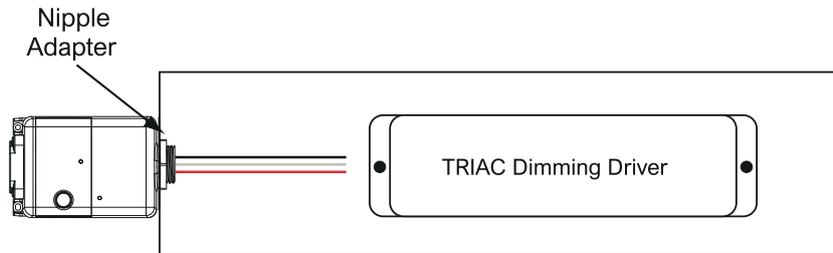
Resistive	2.1A @ 120-240V ,1.5A @ 227V
Capacitive	1.05A @ 120-240V ,0.75A @ 227V
Operating Voltage	120V-277V
Operating Hertz	50/60Hz
Aux Power	12V, 100mA MAX
Operating Temp.	32°F to 104°F (0°C to 40°C)
Relative Humidity	8%-80%
Dimming	Forward or Reverse Phase
Dimensions	4.28" x 2.38"W x 1.48"H (108.6mm x 60.5mm x 37.5mm)
Color	White
Mounting Options	J-Box or in-Fixture



SENSOR COVERAGE



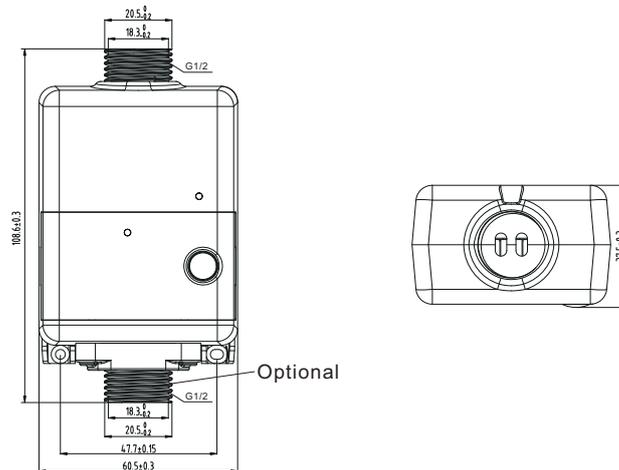
Mounts inside fixture



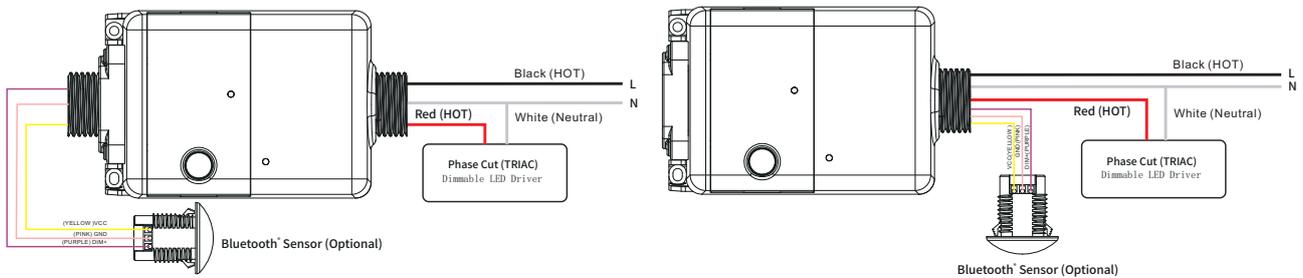
Mounts Outside fixture

DIMENSIONS AND APPEARANCE

Unit:mm



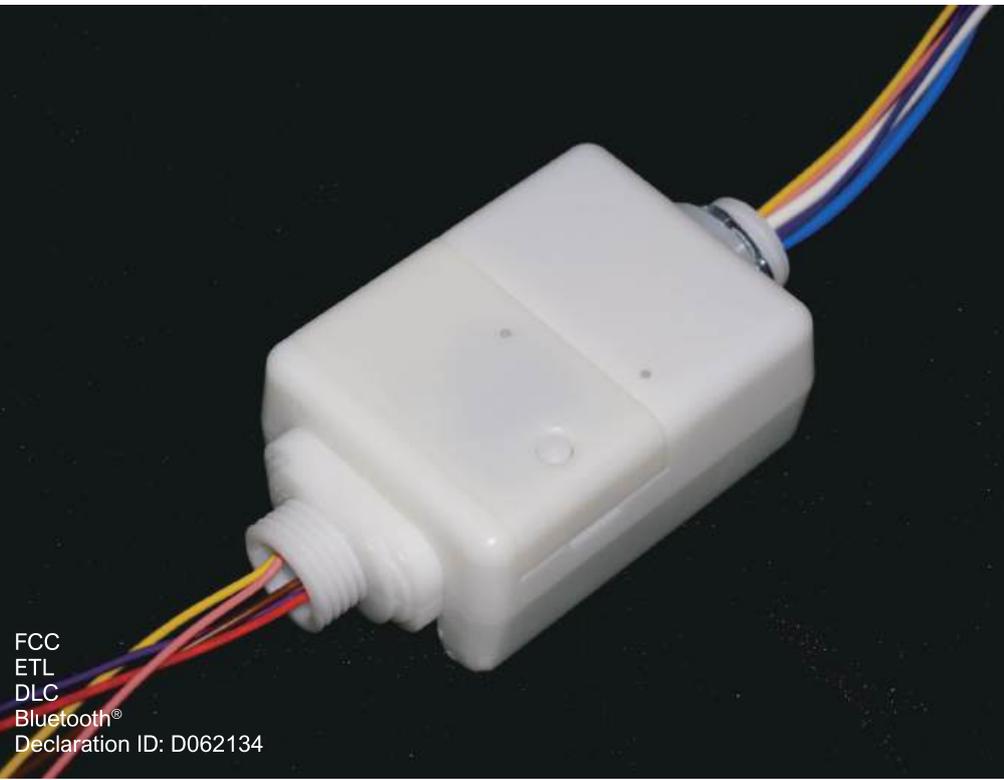
WIRING DIAGRAM



BRI-PP08-RY-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



20A Controller (With Relay) Instruction

Bluetooth Mesh in Silvacir

The BRI-PP08-RY-SR is a Power Pack, delivering a wide array of switching solutions in a single unit. Submitted for stringent testing, this robust Power Pack line is designed to deliver unmatched performance. The BRI-PP08-RY-SR line features robust and reliable mechanical latching relays, exclusive fail-safe circuitry, daylight harvesting, bi-level switching, and is configurable for energy code requirements. Exclusive sharkward High Inrush Stability (H.I.S.) circuitry is specifically designed to handle high inrush electronic ballast loads and offer unmatched durability and service.

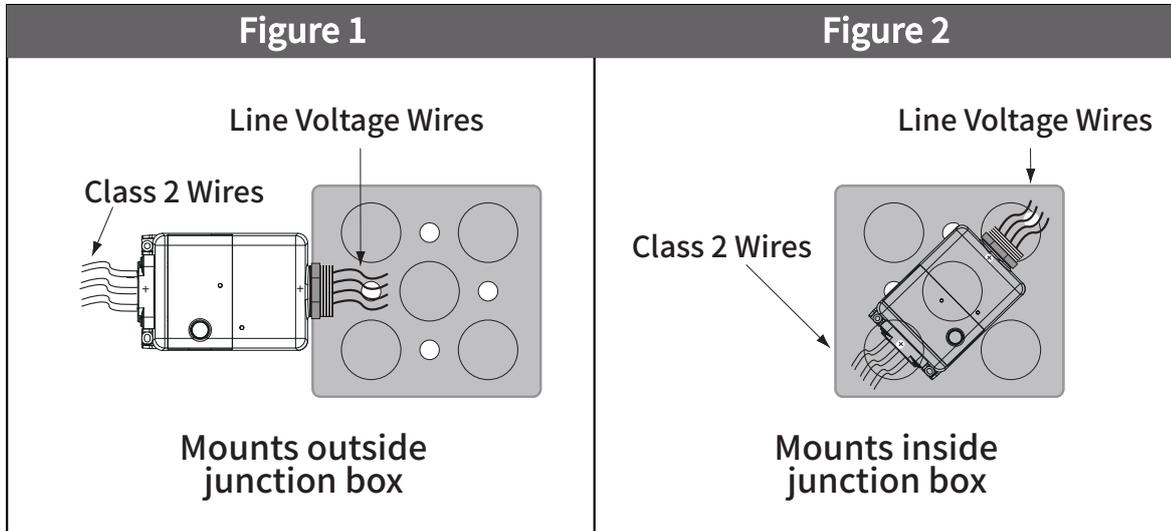


FEATURES & SPECIFICATIONS

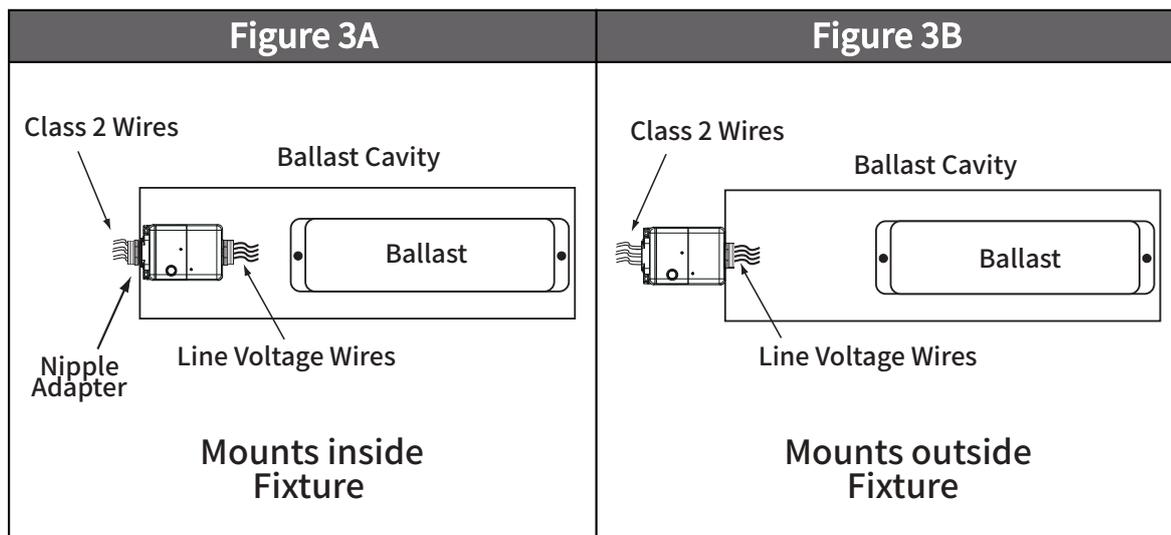
Input	Power:100-277VAC,Signal:Bluetooth
Output, 0/1-10V	Current:Max.20mA
Output, Relay	Switching Voltage:100-277VAC,Current:Max.20A
Environment	Operating Temperature:0°C-+40°C,Relative Humidity:8% to 80%
Others	Size:82.5*55*31mm
Load Type	100-277VAC Signal Converter with 20A Relay
AC General Use	20A@120-277VAC
Resistive	20A@120VAC,20A@277VAC
Capacitive	8A@120-277VAC
Motor	0.5 HP@120VAC,1 HP@240VAC



JUNCTION BOX INSTALLATION

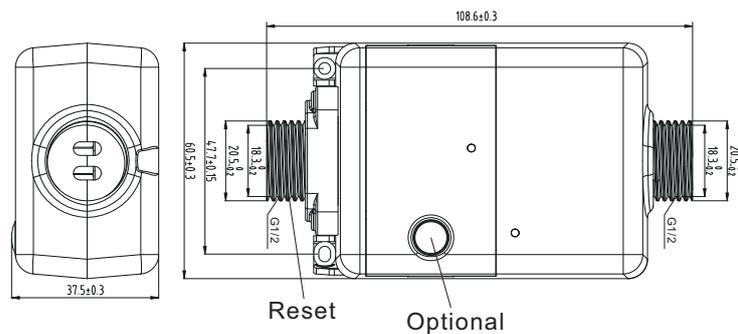


FLUORESCENT BALLAST INSTALLATION



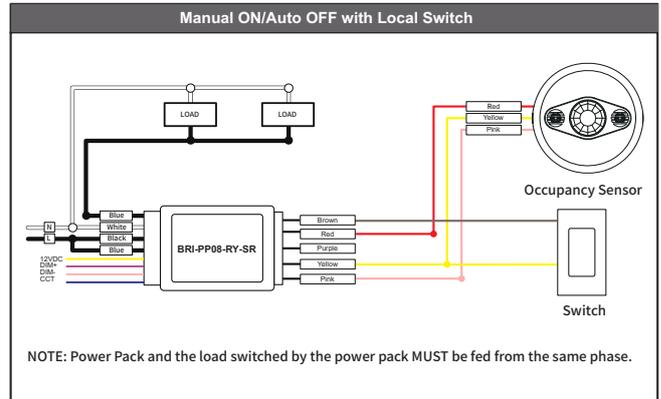
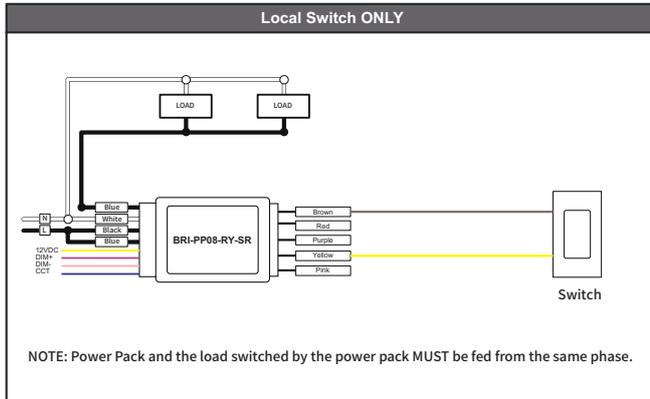
DIMENSIONS AND APPEARANCE

Unit:mm

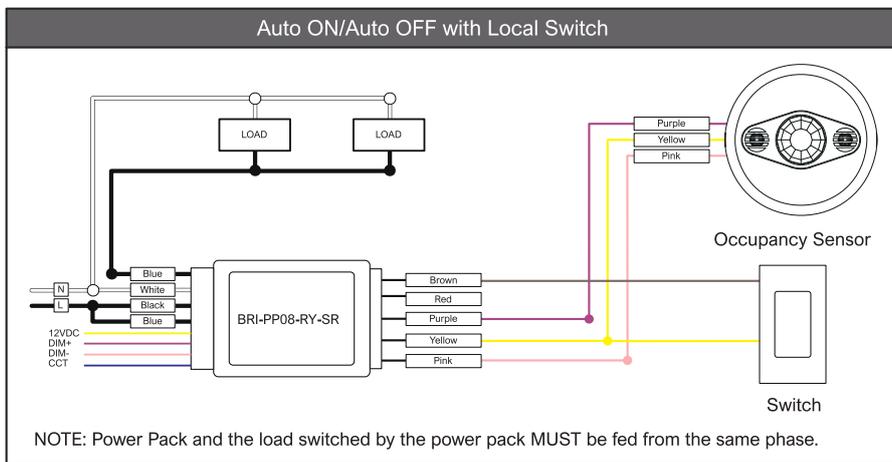


WIRING DIAGRAM

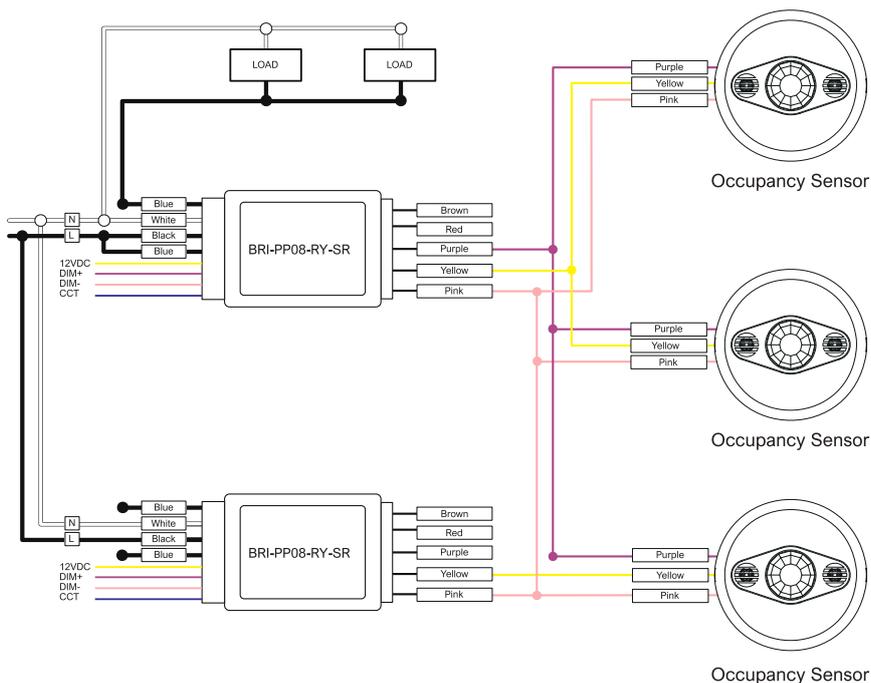
APPLICATION DIAGRAMS



APPLICATION DIAGRAMS



Multiple Occupancy Sensors Exceeding the Power Pack's Rating



NOTE: Power Pack and the load switched by the power pack MUST be fed from the same phase.

ZF-01

SILVAIR

Single Rocker Self-Powered Switch

Bluetooth Mesh in Silvair



The ZF-01 self powered wireless Bluetooth switches use no wires or batteries. Pressing the switch creates the energy to transmit a wireless signal that controls lights or other devices.

APPLICATIONS

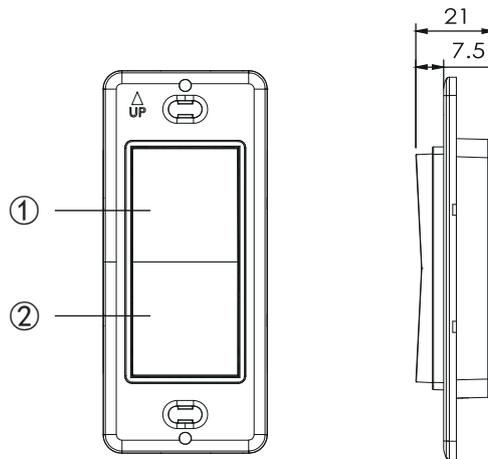
Indoor: retail, education, hospitality, corporate, warehouse, self storage.

BENEFITS

Save Time and Money: Avoid costly and time consuming installation of hardwire switches by choosing Sharkward wireless switches and receivers. installing a switch doesn't have to mean tearing open a wall.

Save Energy: Save energy and money by creating Manual ON/Auto OFF controls using Sharkward switches and occupancy sensors or by programming all lights to respond to a single master switch. Sharkward makes it easy to keep lights and systems off when not in use!

PRODUCT INFO



- ① Click to turn on, press and hold down to increase light intensity.
- ② Click to turn off, press and hold down to decrease light intensity.

FEATURES & SPECIFICATIONS

Protocol	Bluetooth® mesh
Power Supply	Self-powered by built-in generator
Transmission Frequency	2.4GHz
Transmission Range(free feld)	Min.30m
Protection Type	Ip20
Dimming Range	0.1%-100%
Dimensions	44.5x104.6x21mm



ZF-02

SILVAIR

Double Rocker Self-Powered Switch

Bluetooth Mesh in Silvair



The ZF-02 self powered wireless Bluetooth switches use no wires or batteries. Pressing the switch creates the energy to transmit a wireless signal that controls lights or other devices.

APPLICATIONS

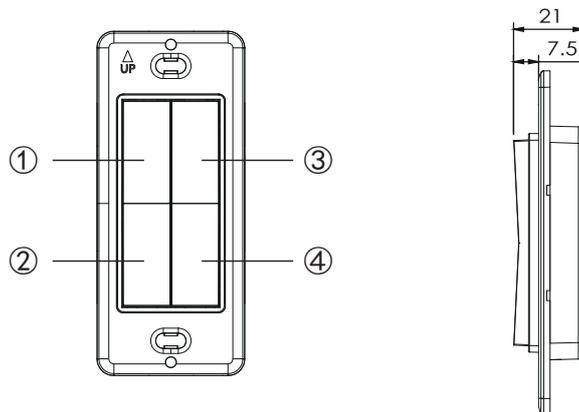
Indoor: retail, education, hospitality, corporate, warehouse, self storage.

BENEFITS

Save Time and Money: Avoid costly and time consuming installation of hardwire switches by choosing Sharkward wireless switches and receivers. installing a switch doesn't have to mean tearing open a wall.

Save Energy: Save energy and money by creating Manual ON/Auto OFF controls using Sharkward switches and occupancy sensors or by programming all lights to respond to a single master switch. Sharkward makes it easy to keep lights and systems off when not in use!

PRODUCT INFO



- ① Click to turn on, press and hold down to increase light intensity.
- ② Click to turn off, press and hold down to decrease light intensity.
- ③ CW button: click to recall the scene, press and hold to increase coolwhite.
- ④ WW button: click to recall the scene, press and hold to increase warmwhite.

FEATURES & SPECIFICATIONS

Protocol	Bluetooth® mesh
Power Supply	Self-powered by built-in generator
Transmission Frequency	2.4GHz
Transmission Range(free feld)	Min.30m
Protection Type	Ip20
Dimming Range	0.1%-100%
Dimensions	44.5x104.6x21mm



BRI-VOS201-BLE-SR

SILVAIR



FCC
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DLC
Bluetooth®
Declaration ID: D062134

120-277V Wall Mounted PIR

Bluetooth Motion Sensor

BRI-VOS201-BLE-SR is a wall mounted PIR sensor. This device communicates wirelessly via Bluetooth Mesh technology allowing for wireless control of luminaires. It can be mouted in any standard single-gang wall box. It utilizes a Bluetooth® Low Energy (BLE) mesh network.

Wall mounted. Can be mounted in any standard Wall Box. Max Range 30ft@ 4ft mounting height (9m@1.2m mounting height).

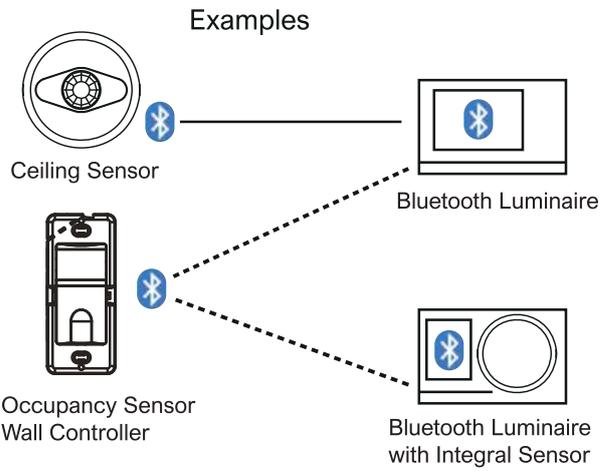
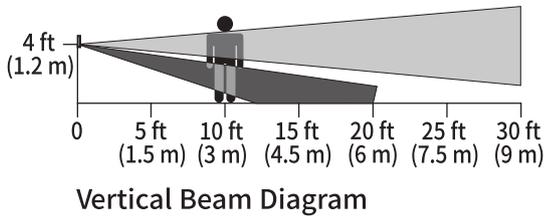


TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	120~277VAC 50/60Hz
	Standard ballast - 300W@120V 600W@277V
Max Output:	Electronic Ballast/LED - 300W@120V 600W@277V
	Tungsten/Incandescent - 600W@120V 1200W@277V
	Motor - 1/2hp@120V
Detection angle	180°
Operating temperature	32 to 104 °F (0 to 40 °C)
Max Bluetooth Range	100ft(30m)
Warranty	5years

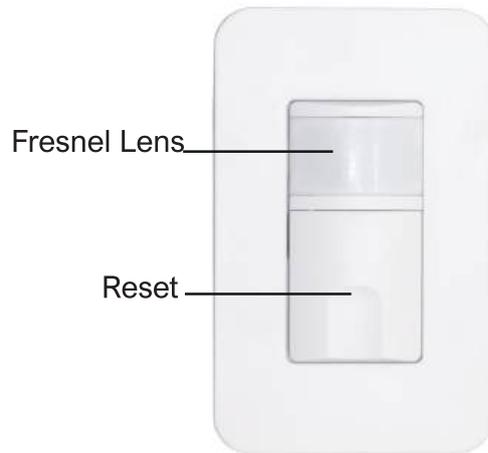
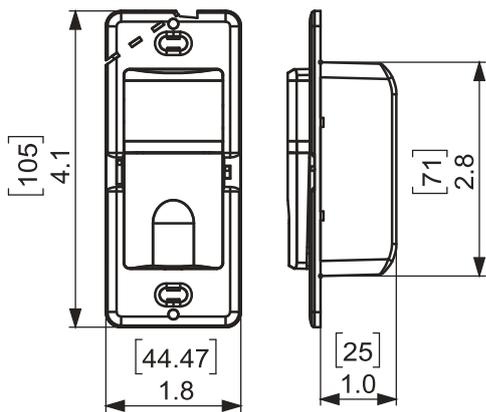


SENSOR COVERAGE



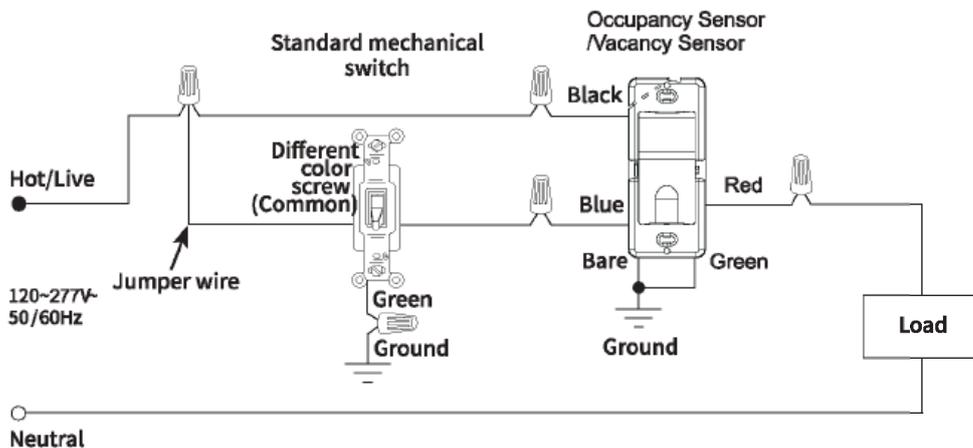
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

Without Neutral



BRI-VOS201-D-BLE-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

120-277V Wall Mounted PIR

Bluetooth Motion Sensor

The BRI-VOS201-D-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage applications. It utilizes a Bluetooth® Low Energy (BLE) mesh network.

Wall mounted. Can be mounted in any standard Wall Box. Max Range 30ft@ 4ft mounting height (9m@1.2m mounting height).

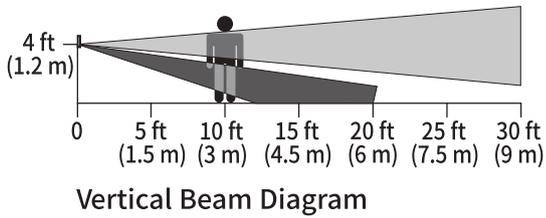


TECHNICAL DATA

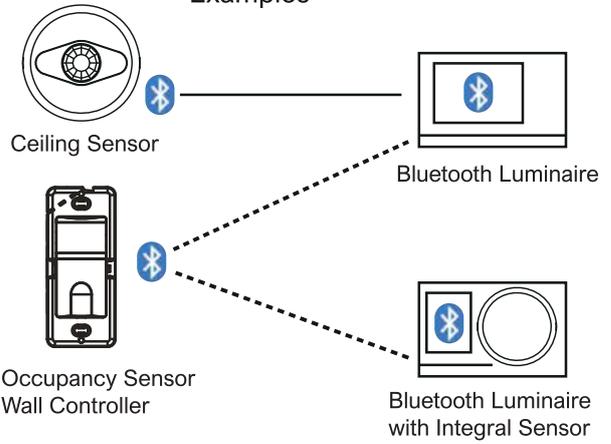
Motion Sensor	Passive infrared sensor
Input Power	120~277VAC 50/60Hz
	Standard ballast - 300W@120V 600W@277V
Max Output:	Electronic Ballast/LED - 300W@120V 600W@277V
	Tungsten/Incandescent - 600W@120V 1200W@277V
	Motor - 1/2hp@120V
Detection angle	180°
Operating temperature	32 to 104 °F (0 to 40 °C)
Max Bluetooth Range	100ft(30m)
Warranty	5years



SENSOR COVERAGE

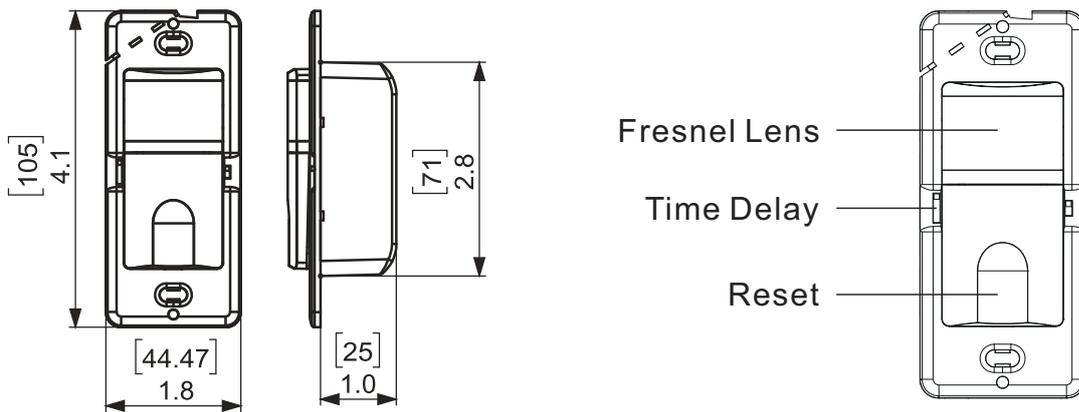


Examples

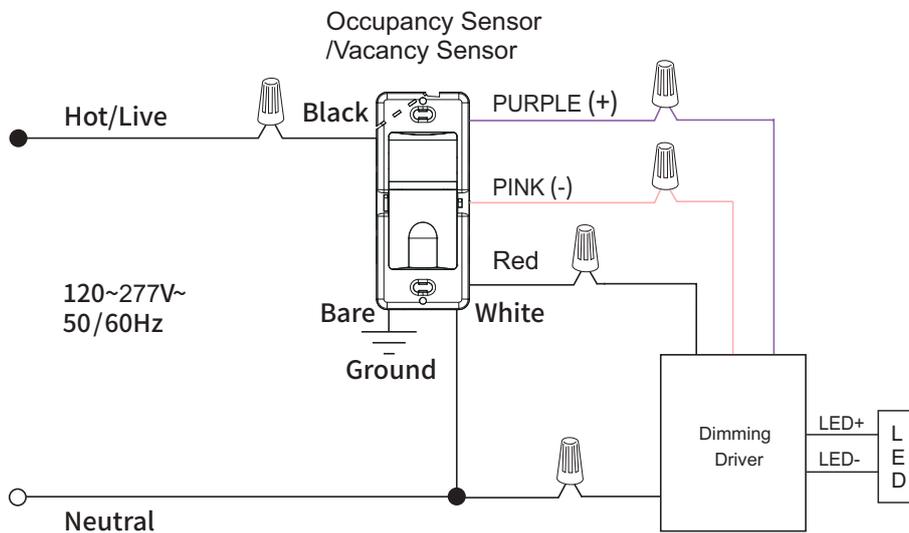


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BC-USDM101-3-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

120VAC Wireless 2-Button Dimmer Wall Switch

Bluetooth Mesh in Silvair

BC-USDM101-3-SR Bluetooth mesh dimmers provide automatic lighting control for a variety of indoor applications. They can replace any standard single-pole wall switch. 2-Button can be used for On/Off, and dimming controls. The configurations of each button can be personalized at the eld.

Mounting: Standard wall box

Download on the
App Store



google play



FEATURES & SPECIFICATIONS

Basic Features

- Bluetooth® SIG mesh
- Manual on/off (wireless)
- Dim up/down (wireless)
- LED status indicator light
- Mounts in any standard wall box
- Color: white
- Technology Partner SILVAIR
- Operating temperature: 0° to 55°C
- Storage Temperature: -10° to 60°C
- Relative Humidity: 90-95% non-condensing at 30°C
- 5-years limited warranty

Summary

- Product Type: Dimmer Wall Switch
- Input Voltage | Power Consumption: 120VAC , 60Hz | Max 1.0W
- Mounting: Standard wall box
- Max Bluetooth Range: 200'(60m)

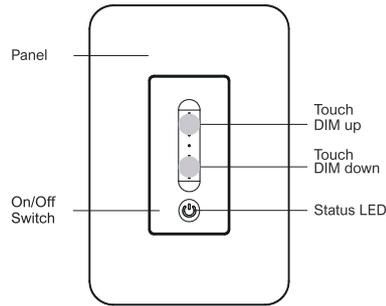
Listings

- FCC
- ETL
- DLC
- Bluetooth®
- Declaration ID: D062134

Note:
1. Bluetooth Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for range accuracy.

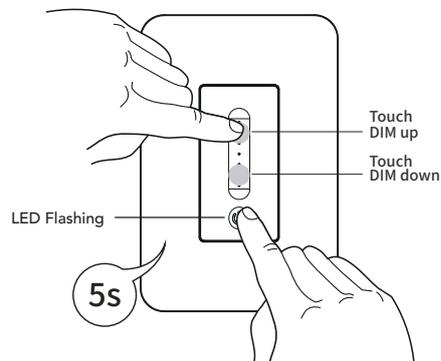


PRODUCT OUTLINE



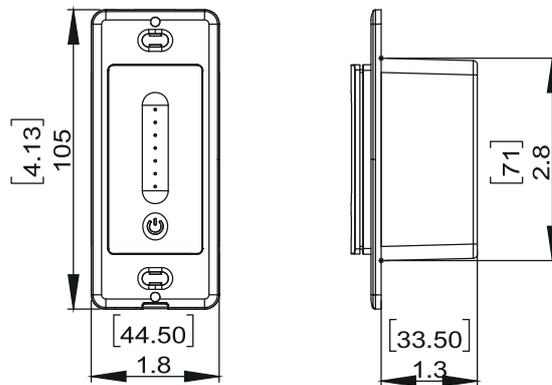
RESET

Press and hold Switch button and "DIM up" for 5s to reset the Dimmer and get into quick configure mode.

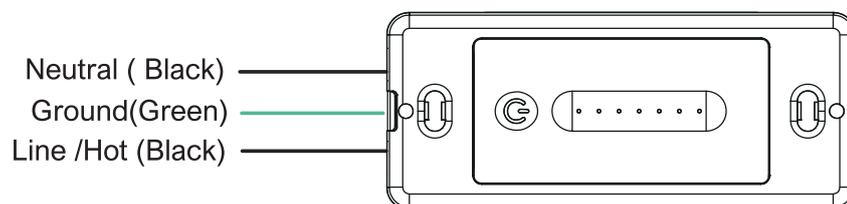


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BC-USDM101-5-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

Bluetooth Dimmer Wall Switch

Bluetooth Mesh in Silvair

The bluetooth dimmer wall switch is designed to replace your existing wall switch and add enhanced lighting control. This wall switch has one sliding block for direct control of your SILVAIR connected devices to change Brightness easily.

Mounting: Standard wall box

Download on the
App Store



google play



TECHNICAL SPECIFICATIONS

Action: Bluetooth Dimmer Wall Switch

Actuations: Rated for 50,000 actuations

Power: 120-277VAC ,60Hz

Max Fixtures Per Control: 100

Interoperability: Silvair Sensors and Gateways

Operating Temp.: 32 to 122 F/0° to 50°C

Enclosure: Recyclable PC

Wireless Standards: IEEE 802.15.4

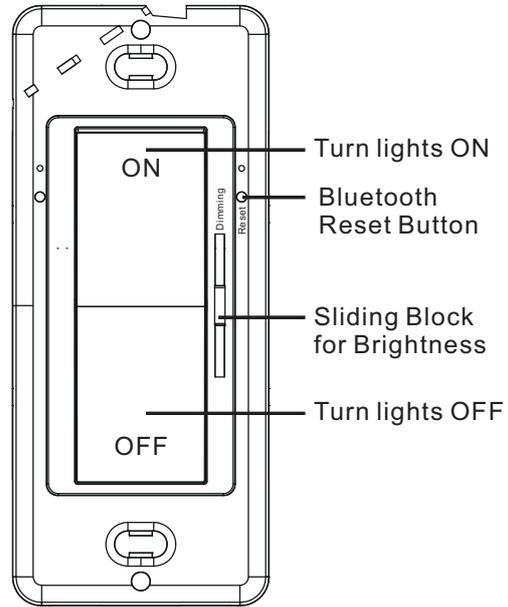
Radio Frequency: 2400-2483.5 MHz

Wireless Range: 60 ft. (18 m) radius open range

Encryption: AES-128

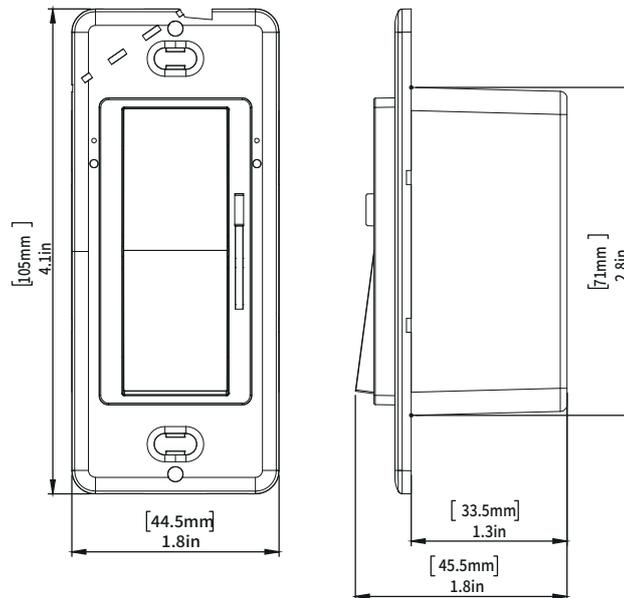


PRODUCT OUTLINE



DIMENSIONS AND APPEARANCE

Unit:mm



BC-USDM101-6-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

Bluetooth Dimmer Wall Switch

Bluetooth Mesh in Silvair

The white bluetooth dimmer and CCT wall switch is designed to replace your existing wall switch and add enhanced lighting control. This wall switch has two sliding blocks for direct control of your SILVAIR connected devices to change the CCT and Brightness easily.

Mounting: Standard wall box

Download on the
App Store



google play



TECHNICAL SPECIFICATIONS

Action: Bluetooth Dimmer and CCT Wall Switch

Actuations: Rated for 50,000 actuations

Power: 120-277VAC, 60Hz

Max Fixtures Per Control: 100

Interoperability: Silvair Sensors and Gateways

Operating Temp.: 32 to 122 F/0° to 50°C

Enclosure: Recyclable PC

Wireless Standards: IEEE 802.15.4

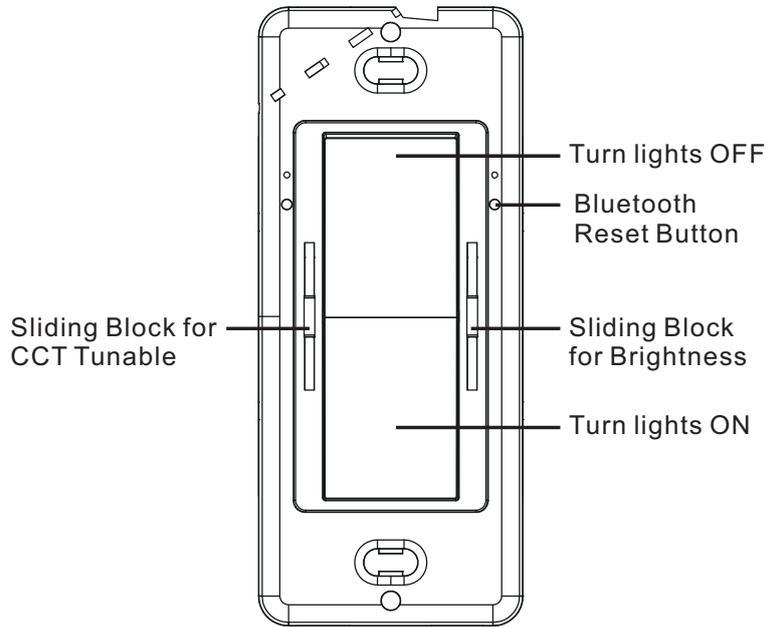
Radio Frequency: 2400-2483.5 MHz

Wireless Range: 60 ft. (18 m) radius open range

Encryption: AES-128

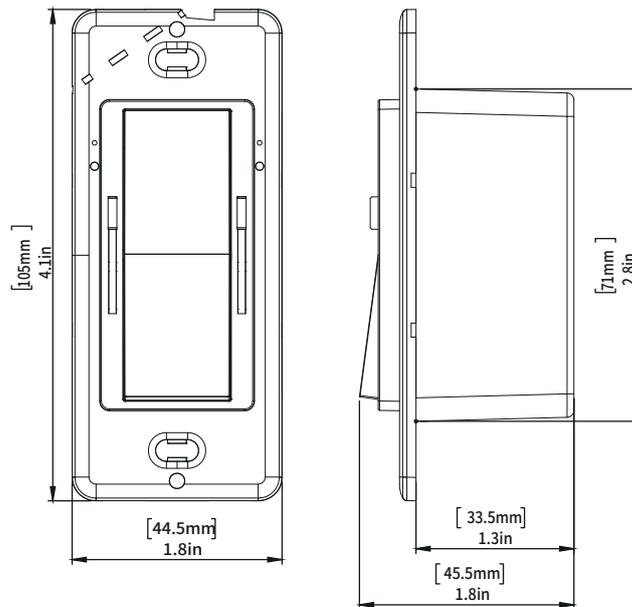


PRODUCT OUTLINE



DIMENSIONS AND APPEARANCE

Unit:mm



BC-USUSB101-3-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



Bluetooth Smart Wall Socket

Bluetooth Mesh in Silvaair

The BC-USUSB101-3-SR is a Bluetooth controlled smart wall socket, and also has a USB socket, can be used for mobile phone charging, APP can control the socket, very convenient, intelligent.

Mounting: Standard wall box



Download on the
App Store



google play



FEATURES & SPECIFICATIONS

Basic Features

- Bluetooth® SIG mesh
- Mounts in any standard wall box
- Color: white
- Technology Partner SILVAIR
- Operating temperature: -10° to 55°C
- Storage Temperature: -10° to 60°C
- Relative Humidity: 90-95% non-condensing at 30°C
- 5-years limited warranty

Summary

- Product Type: Bluetooth Smart Wall Socket
- Input Voltage: 15A 125VAC 60Hz
- Socket outlet Output: Max. 15A 125VAC 60Hz Resistive
- USB Output: 5VDC Max. 2.1A
- Wireless Frequency: 2.4GHz
- Wireless Standard: IEEE802.11 b/g/n
- Mounting: Standard wall box
- Max Bluetooth Range: 65'(20m)

Listings

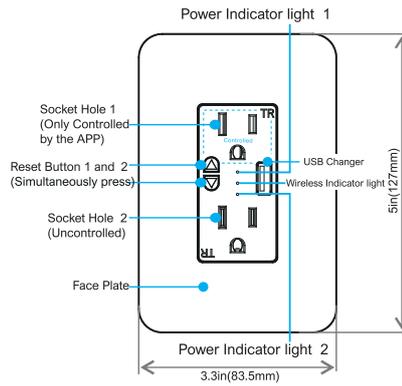
- FCC
- ETL
- DLC
- Bluetooth®

Note:

1. Bluetooth Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for range accuracy.

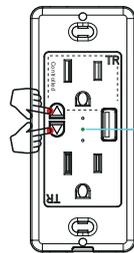


PRODUCT OUTLINE



RESET

Press and hold Switch button "up" and "down" for 5s to reset the switch and get into quick configure mode.

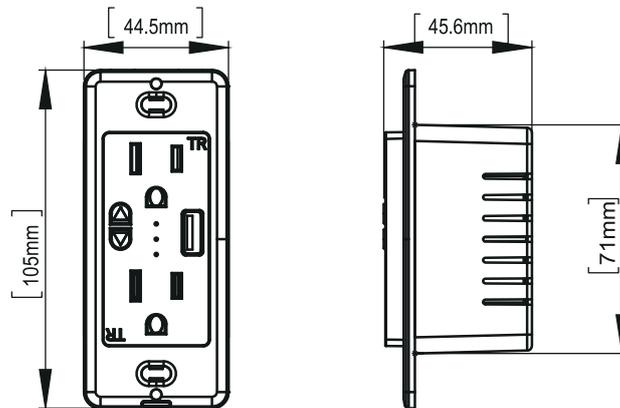


Indicator light rapidly blinks (2 times per second)

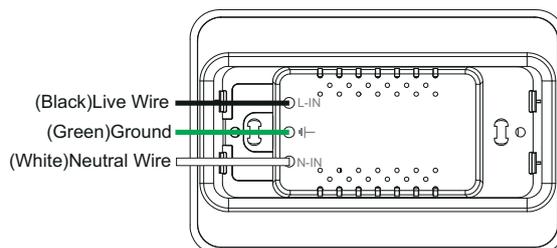
Step.1. Make sure the indicator blinks rapidly, If not, hold the "up" and "down" button for 7 -10 seconds for reset.

DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



GT-001-SR

SILVAIR



FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

Bluetooth Dimmer Wall Switch

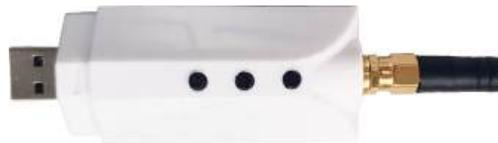
Bluetooth Mesh in Silvair

The GT-001-SR energy monitoring dongle is for collecting energy consumption data in order to generate energy report. ETC dongle also has RTC (Real Time Clock) Function. The GT-001-SR is a Real Time Clock for time syncing for all devices in one Zone.

Download on the
App Store



google play



TECHNICAL SPECIFICATIONS

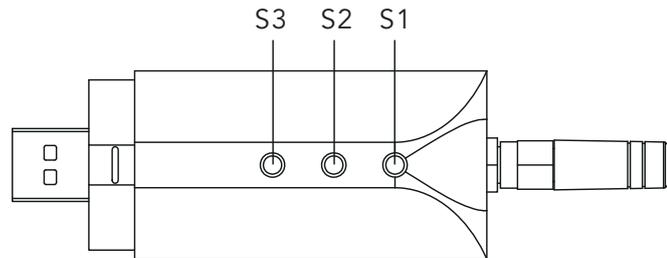
Input Voltage	USB 5V
Input Current	1A Max
Bluetooth Transmit	100ft Max.
Radio Frequency	2.4GHz ± 5MHz
Bluetooth Version	5.0 Housing
Warranty	5years
Operating Temperature	-30°C to 55°C, -22°F to 131°F
Storage Temperature	-30°C to 85°C, -22°F to 185°F
IP rating	IP20



PRODUCT OUTLINE

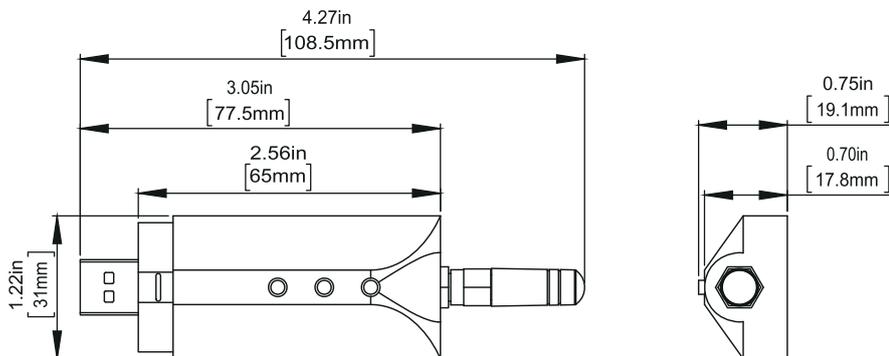
Press and hold the " S1" and "S3" button for 5 seconds until the green light starts to blink . You can scan and add Gateway by APP .

Press and hold the " S1" and "S2" button for 5 seconds . You can scan and add Timer by APP .



DIMENSIONS AND APPEARANCE

Unit:mm



ANT-5-4T-CON-BLE-SR-TM

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



3.5mm Audio Jack DC Node with Time Keeper Function

ANT-5-4T-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long ANT-5-4T-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long Bluetooth® mesh system.

It features a battery backup unit to provide continuous time operation during power outages. The battery is maintained by the integrated Charge Keeper and maintains master timing for up to 24 hours.

Each unit is assembled with plug and play base. No need to add other extra time keeper. 3.5mm Audio Jack DC Fixture Controller

Plug in & play design, low voltage connector, match with all 3.5 Audio jack socket .

Download on the App Store



google play



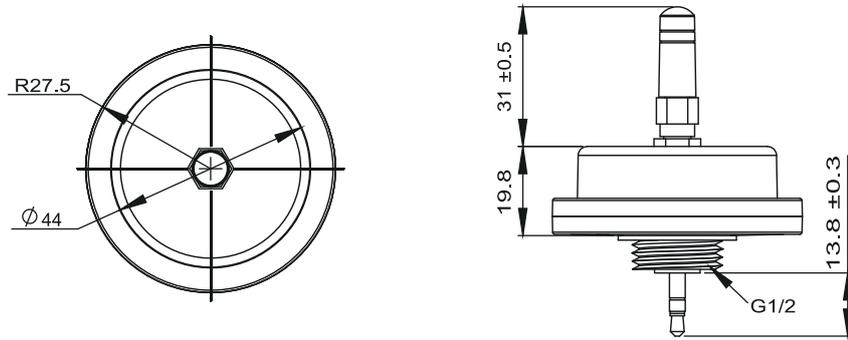
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	500ft(150m)
Warranty	5years

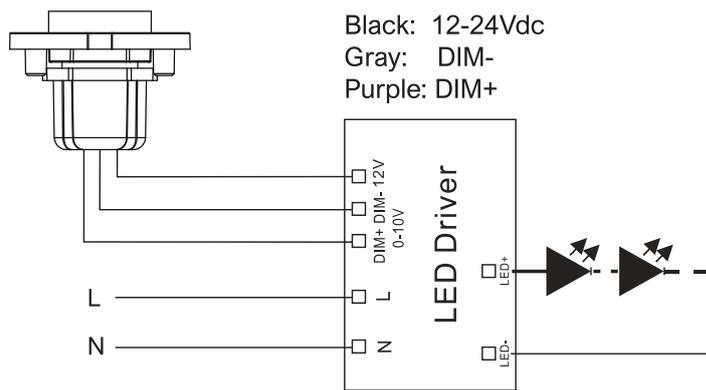


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



ANT-5-ZT-CON-BLE-SR-TM

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



Zhaga Book 18 DC Node with Time Keeper Function

ANT-5-ZT-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long ANT-5-ZT-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long Bluetooth® mesh system.

It features a battery backup unit to provide continuous time operation during power outages. The battery is maintained by the integrated Charge Keeper and maintains master timing for up to 24 hours.

Each unit is assembled with plug and play base. No need to add other extra time keeper. 3.5mm Audio Jack DC Fixture Controller

Plug in & play design, low voltage connector, match with all Zhaga Book 18 base .



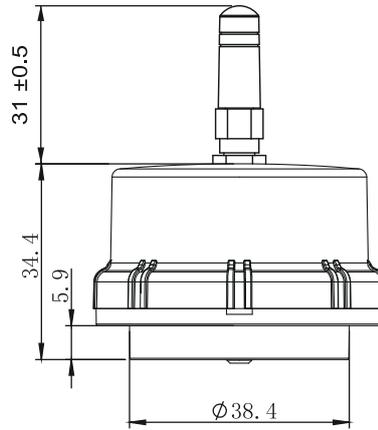
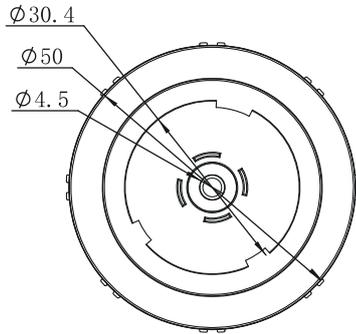
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	500ft(150m)
Warranty	5years



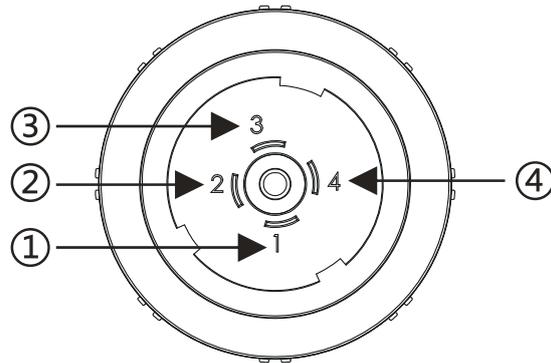
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 :NC





ANT-5-ZT10-CON-BLE-SR-TM

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



Zhaga & Z10 Connector DC Node with Time Keeper Function

ANT-5-ZT10-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long ANT-5-ZT10-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long Bluetooth® mesh system.

It features a battery backup unit to provide continuous time operation during power outages. The battery is maintained by the integrated Charge Keeper and maintains master timing for up to 24 hours.

Each unit is assembled with plug and play base. No need to add other extra time keeper. 3.5mm Audio Jack DC Fixture Controller

Plug in & play design, low voltage connector, match with all Zhaga Book 18 base and Z10 base.



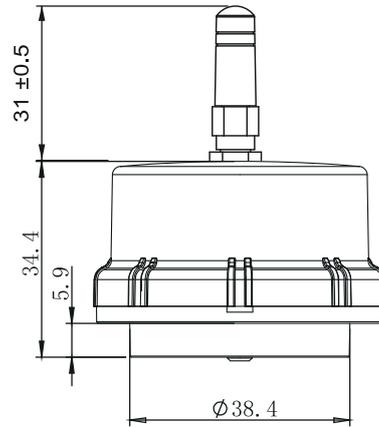
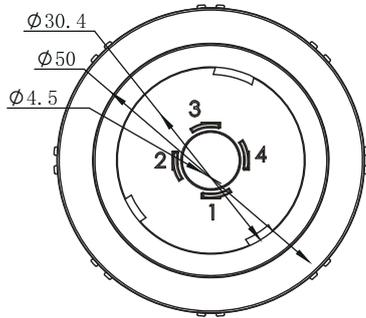
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	500ft(150m)
Warranty	5years



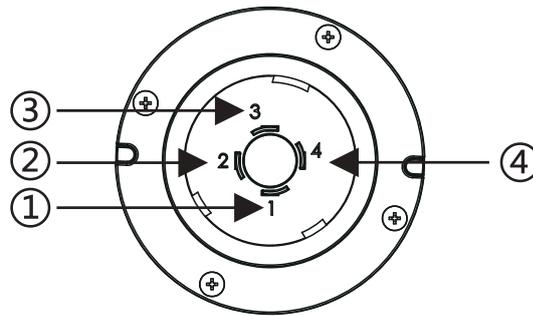
DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC



ANT-5-4R-CON-BLE-SR-TM

SILVAIR

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ETL
DLC
Bluetooth®
Declaration ID: D062134



3PIN Receptacle DC Node with Time Keeper Function

ANT-5-4R-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long ANT-5-4R-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long Bluetooth® mesh system.

It features a battery backup unit to provide continuous time operation during power outages. The battery is maintained by the integrated Charge Keeper and maintains master timing for up to 24 hours.

Plug in & play design, low voltage connector, match with with Sharkward ANT-5-4S.

Download on the App Store



google play



TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	500ft(150m)
Warranty	5years



ANT-5-4H-CON-BLE-SR-TM

SILVAIR

FCC
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DLC
Bluetooth®
Declaration ID: D062134



Longer 3PIN DC Node with Time Keeper Function

ANT-5-4H-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long ANT-5-4H-CON-BLE-SR-TM features an integrated Range Extender to be used for maintaining mesh quality across long Bluetooth®mesh system.

It features a battery backup unit to provide continuous time operation during power outages. The battery is maintained by the integrated Charge Keeper and maintains master timing for up to 24 hours.

Plug in & play design, low voltage connector.



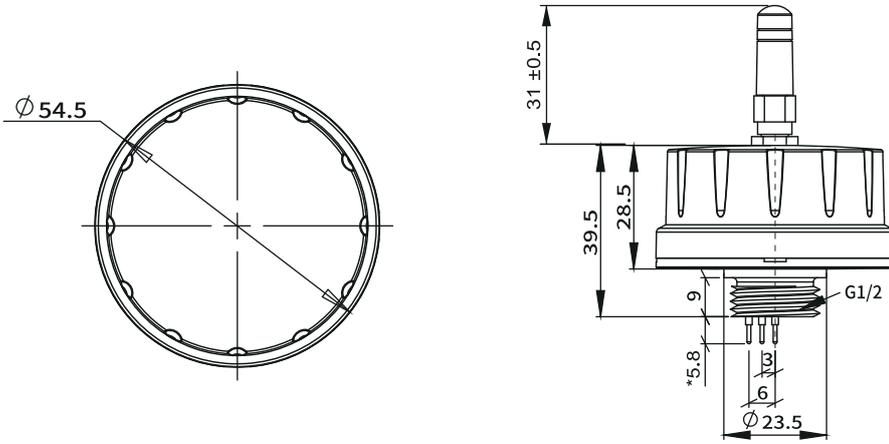
TECHNICAL DATA

Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-40°F ~ +158°F (-40°C ~ +70°C)
IP rating	65
Max Bluetooth Range	500ft(150m)
Warranty	5years

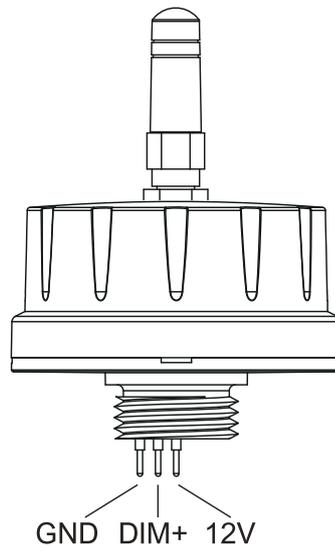


DIMENSIONS AND APPEARANCE

Unit:mm



WIRING DIAGRAM



BRI-DT301-BLE-SR

SILVAIR

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DLC
Bluetooth®
Declaration ID: D062134



Bluetooth Mesh Ceiling Mounted PIR Sensor

The low profile BRI-DT301-BLE-SR dual technology occupancy sensor combines the benefits of passive infrared (PIR) and ultrasonic technologies. The sensor mounts on the ceiling with a flat, unobtrusive appearance and provides 360 degrees of coverage.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ceiling Mounted. Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box.

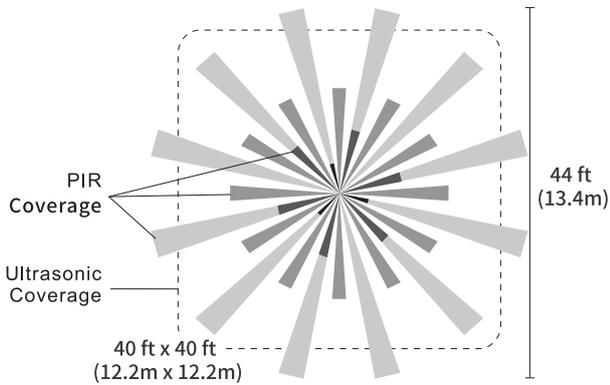


TECHNICAL DATA

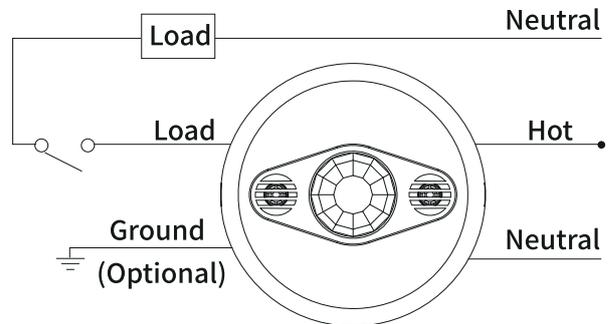
- 120/230 (single phase)/277/347 VAC, 50/60 Hz
- @120VAC, 800W Ballast/LED/Tungsten
@230VAC, 1200W Ballast/LED/Tungsten
@277VAC, 1200W Ballast/LED/Tungsten
@347VAC, 1500W Ballast/LED/Tungsten
- Ultrasonic frequency of 40kHz
- Time delays: 5,10,15,20,25, or 30minutes, test-mode
- Sensitivity adjustment: High/low (for PIR sensitivity); ultrasonic sensitivity is variable with trimpot
- Built-in light level sensor – works from 10 to 300 footcandles (107.6 to 3,229.2 lux)
- Operating Temperature: 32°F to +131°F (0°C to +55°C)
- Multi-level, 360° Fresnel lens for superior occupancy detection
- Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box
- Dimensions: 4.50" diameter x 1.44" deep (114.5mm x 36.4mm)
- UL and cUL listed
- Wireless Standards: 5.0 Bluetooth Mesh
- Five year warranty



SENSOR COVERAGE

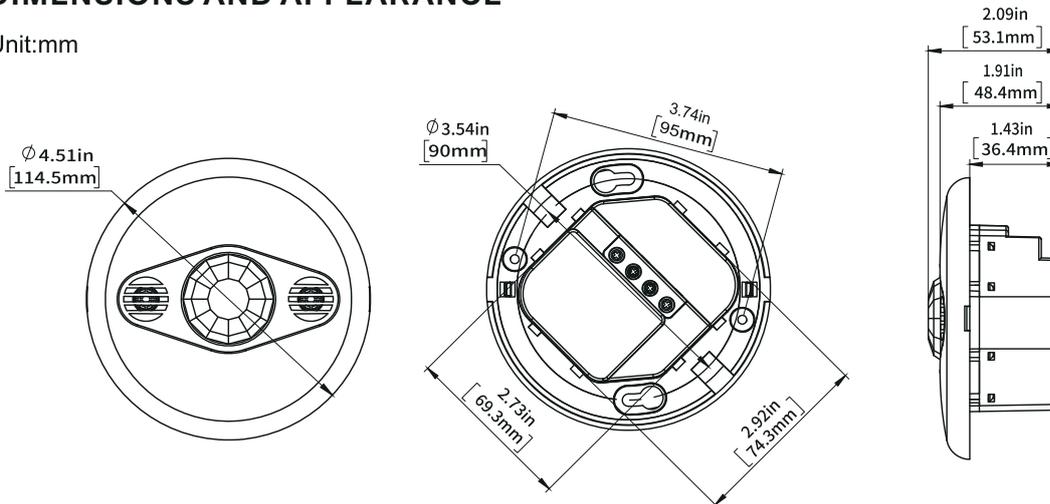


WIRING DIAGRAM

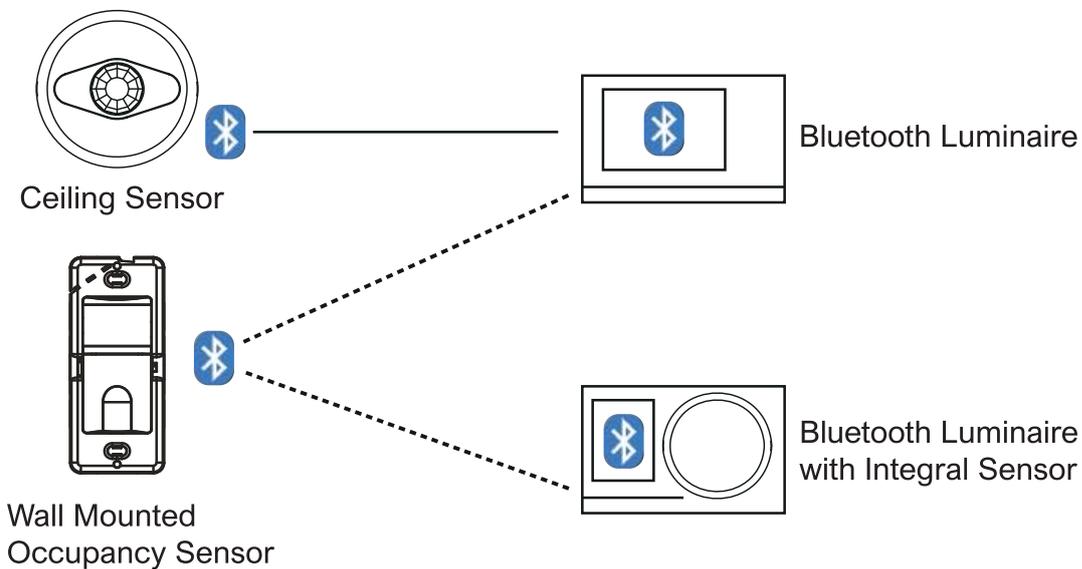


DIMENSIONS AND APPEARANCE

Unit:mm



EXAMPLES



BRI-DT301-D-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



Dual Technology • Line Voltage Occupancy With Bluetooth

The low profile BRI-DT301-D-BLE-SR dual technology occupancy sensor combines the benefits of passive infrared (PIR) and ultrasonic technologies. The sensor mounts on the ceiling with a flat, unobtrusive appearance and provides 360 degrees of coverage.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ceiling Mounted. Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box.

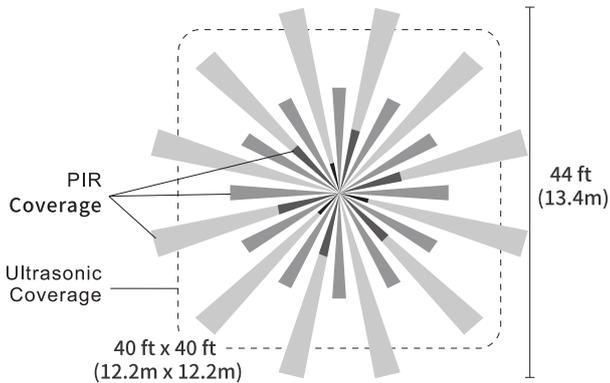


TECHNICAL DATA

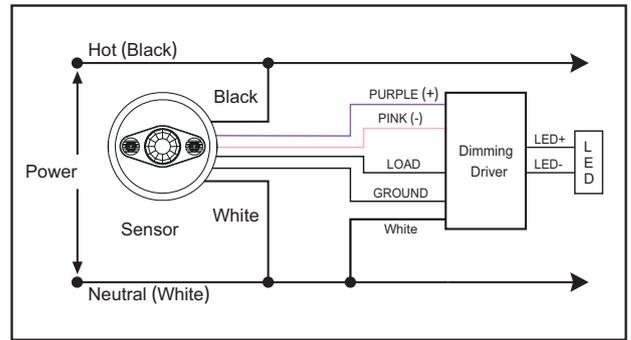
- 120-347VAC , 50/60Hz
- Electronic Ballast/LED - 800W@120V
1200W@230V
1200W@277V
1500W@347V
- Standard Ballast/LED - 800W@120V
1200W@230V
1200W@277V
1500W@347V
- Tungsten/Incandescent - 800W@120V
1200W@230V
1200W@277V
- Ultrasonic frequency of 40kHz
- Time delays: 5,10,15,20,25, or 30minutes, test-mode
- Built-in light level sensor – works from 10 to 300 footcandles (107.6 to 3,229.2 lux)
- Operating Temperature: 32°F to +131°F (0°C to +55°C)
- Multi-level, 360° Fresnel lens for superior occupancy detection
- Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box
- Dimensions: 4.50" diameter x 1.44" deep (114.5mm x 36.4mm)
- UL and cUL listed
- Wireless Standards: 5.0 Bluetooth Mesh
- Five year warranty



SENSOR COVERAGE

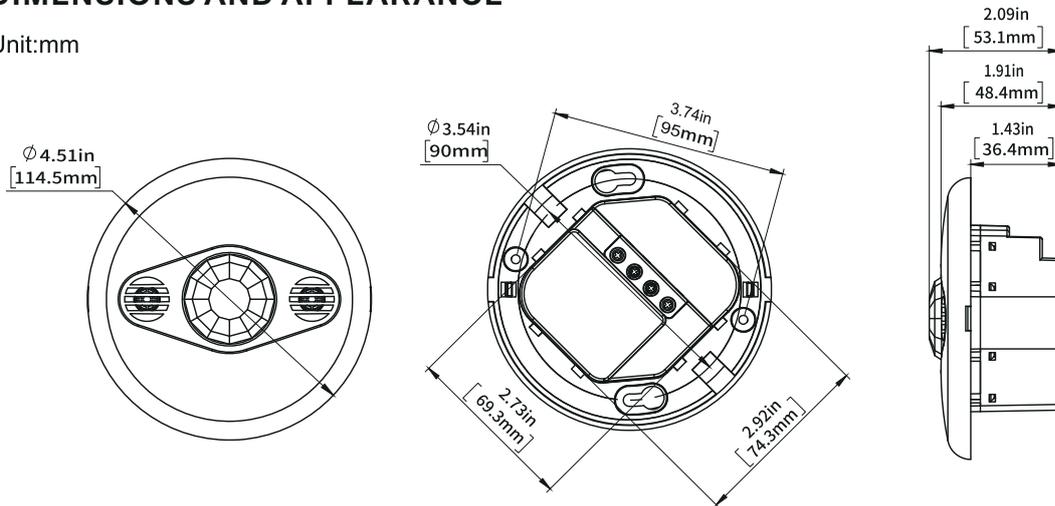


WIRING DIAGRAM



DIMENSIONS AND APPEARANCE

Unit:mm



OCCUPANCY LOGIC

The BRI-DT301-D-BLE-SR has 4 logic configurations for occupancy triggers, set with DIP switches 1, 2 & 3. Determine the appropriate Occupancy Logic Option using the Trigger matrix, then set the DIP switches accordingly.

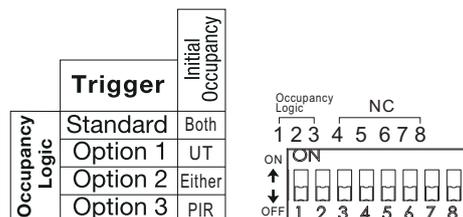
Initial Occupancy: The method that activates a change from "Standby" (area unoccupied and loads are off) to "Occupied" (area occupied and loads are on).

- **Both** requires motion detection by the PIR and the Ultrasonic.
- **Either** requires motion detection by only one technology.
- **PIR** requires motion detection by the PIR.
- **Ultra** requires motion detection by the Ultrasonic.

Maintain Occupancy: The method indicating that the area is still occupied and the lights should remain on.

The control technology (occupancy logic) is selectable. The default setting requires both technologies to trigger on, either to hold on, and is recommended for most applications.

		Settings		
		1	2	3
Occupancy Logic	Standard	↓	↓	↓
	Option 1	↑	↑	↓
	Option 2	↓	↑	↓
	Option 3	↓	↑	↑
	Standard	↑	↑	↓
	Standard	↑	↑	↑
	Standard	↓	↑	↑
	Standard	↑	↑	↑



BRI-DT301P-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



Bluetooth Mesh Ceiling Mounted PIR Wireless Sensor

BRI-DT301P-BLE-SR is a ceiling mounted PIR sensor, which uses digital passive infrared (PIR) technology for improved detection coverage for ceiling mount applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ceiling Mounted. Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box.

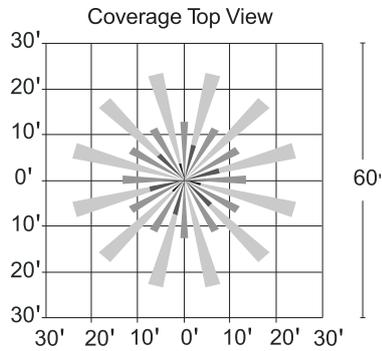


TECHNICAL DATA

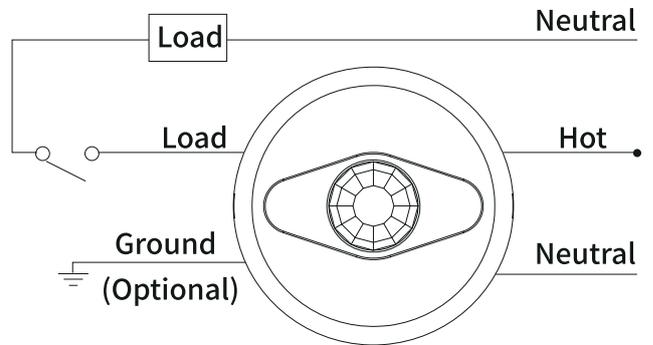
- 120/230 (single phase)/277/347 VAC, 50/60 Hz
- @120VAC, 800W Ballast/LED/Tungsten
- @230VAC, 1200W Ballast/LED/Tungsten
- @277VAC, 1200W Ballast/LED/Tungsten
- @347VAC, 1500W Ballast/LED/Tungsten
- Built-in light level sensor – works from 10 to 300 footcandles (107.6 to 3,229.2 lux)
- Operating Temperature: 32°F to +131°F (0°C to +55°C)
- Multi-level, 360° Fresnel lens for superior occupancy detection
- Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box
- Dimensions: 4.50" diameter x 1.44" deep (114.5mm x 36.4mm)
- UL and cUL listed
- Wireless Standards: 5.0 Bluetooth Mesh
- Five year warranty



SENSOR COVERAGE

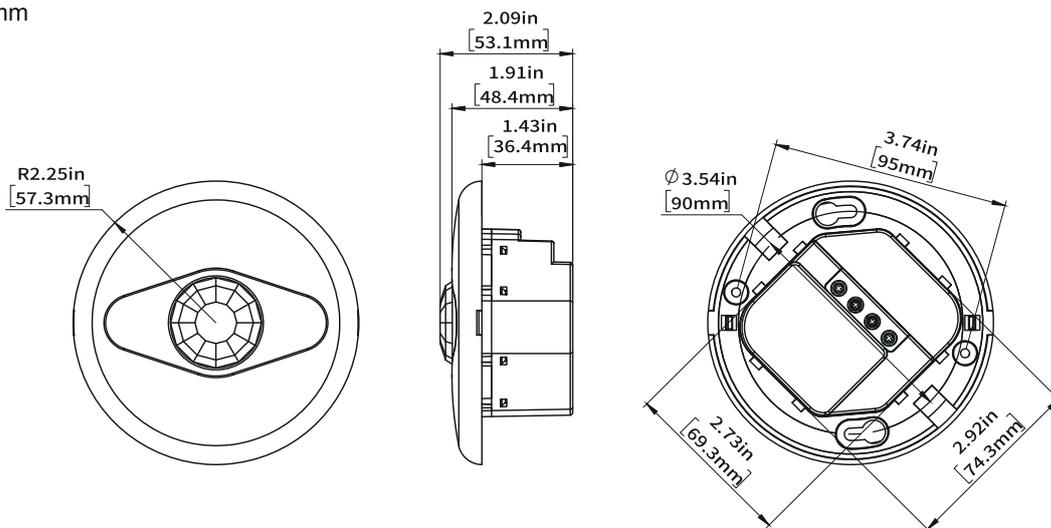


WIRING DIAGRAM

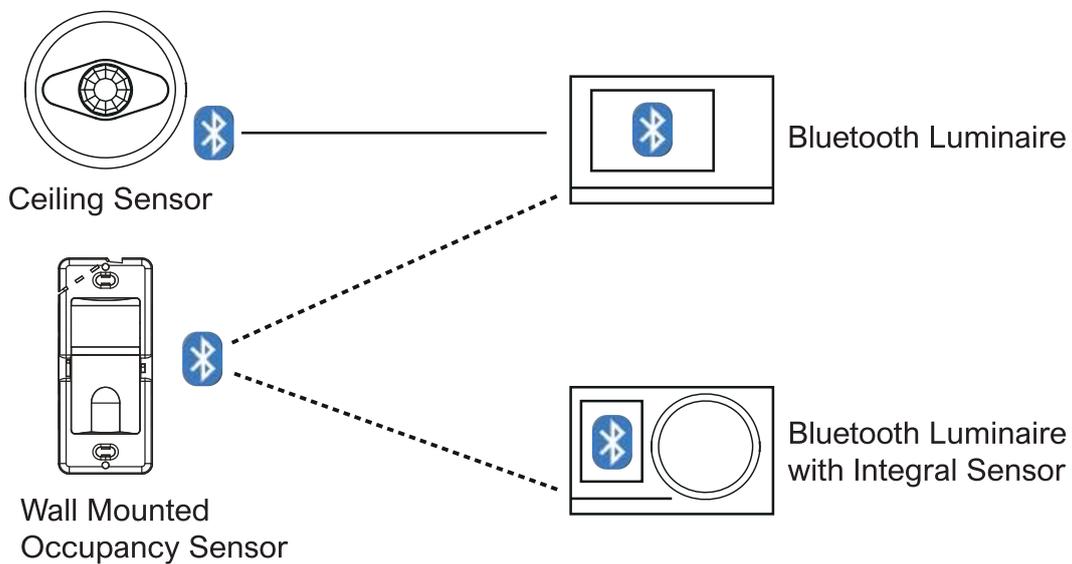


DIMENSIONS AND APPEARANCE

Unit:mm



EXAMPLES



BRI-DT301P-D-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



Line Voltage PIR Occupancy Sensor With Bluetooth

The low profile BRI-DT301P-D-BLE-SR sensor use passive in frared (PIR). The sensor mounts on the ceiling with a flat, unobtrusive appear-ance and provides 360 degrees of coverage.

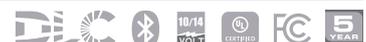
It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Sil vair app.

Ceiling Mounted. Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box.

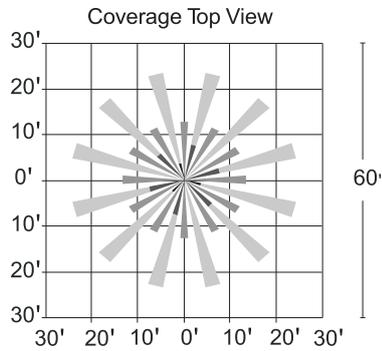


TECHNICAL DATA

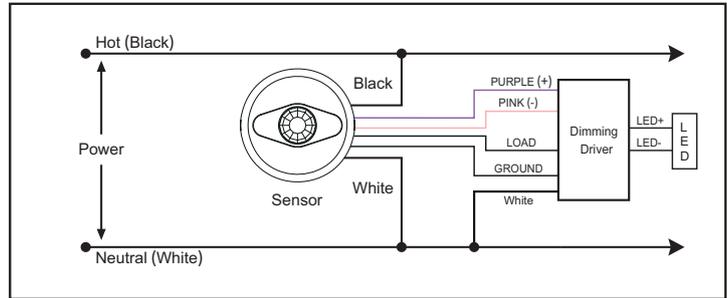
- 120-347VAC , 50/60Hz
- Electronic Ballast/LED - 800W@120V
1200W@230V
1200W@277V
1500W@347V
- Standard Ballast/LED - 800W@120V
1200W@230V
1200W@277V
1500W@347V
- Tungsten/Incandescent - 800W@120V
1200W@230V
1200W@277V
- 0-10V,max.25mA sinking current
- Built-in light level sensor – works from 10 to 300 footcandles (107.6 to 3,229.2 lux)
- Operating Temperature: 32°F to +131°F (0°C to +55°C)
- Multi-level, 360° Fresnel lens for superior occupancy detection
- Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box
- Dimensions: 4.50" diameter x 1.44" deep (114.5mm x 36.4mm)
- UL and cUL listed
- Wireless Standards: 5.0 Bluetooth Mesh
- Five years warranty



SENSOR COVERAGE

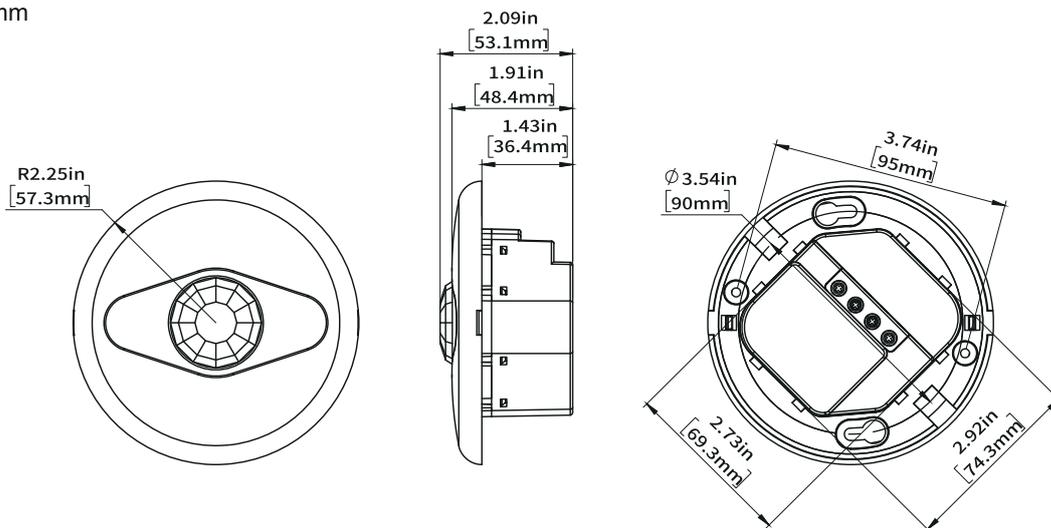


WIRING DIAGRAM

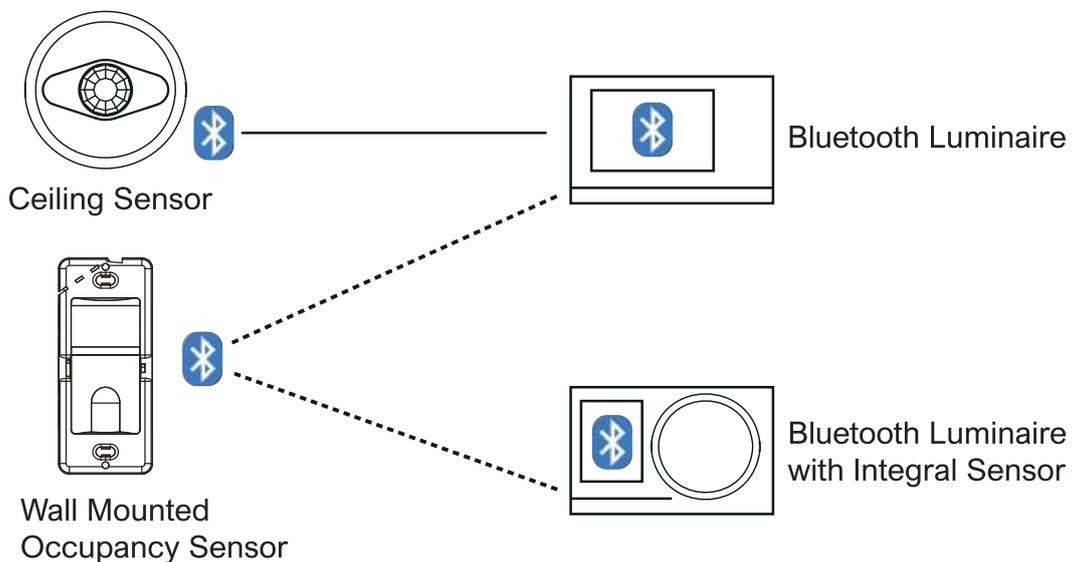


DIMENSIONS AND APPEARANCE

Unit:mm



EXAMPLES



BRI-DT301P-LV-BLE-SR

SILVAIR

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



Low Voltage PIR In-Fixture Dimming Sensor

BRI-DT301P-LV-BLE-SR is a ceiling mounted PIR sensor, which uses digital passive infrared (PIR) technology for improved detection coverage for ceiling mount applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ceiling Mounted. Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box.

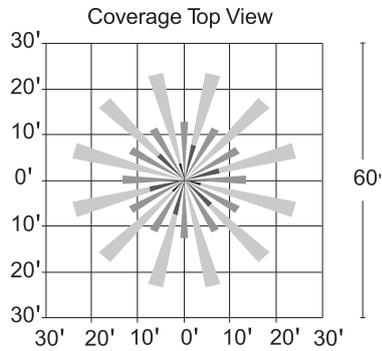


TECHNICAL DATA

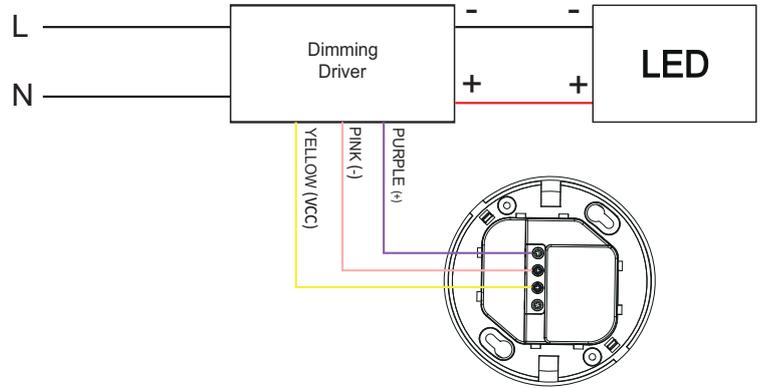
- 12-24V
- 0-10V Dimming, Max 25mA Sink Current
- Built-in light level sensor – works from 10 to 300 footcandles (107.6 to 3,229.2 lux)
- Operating Temperature: 32°F to +131°F (0°C to +55°C)
- Multi-level, 360° Fresnel lens for superior occupancy detection
- Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box
- Dimensions: 4.50" diameter x 1.44" deep (114.5mm x 36.4mm)
- UL and cUL listed
- Wireless Standards: 5.0 Bluetooth Mesh
- Five year warranty



SENSOR COVERAGE

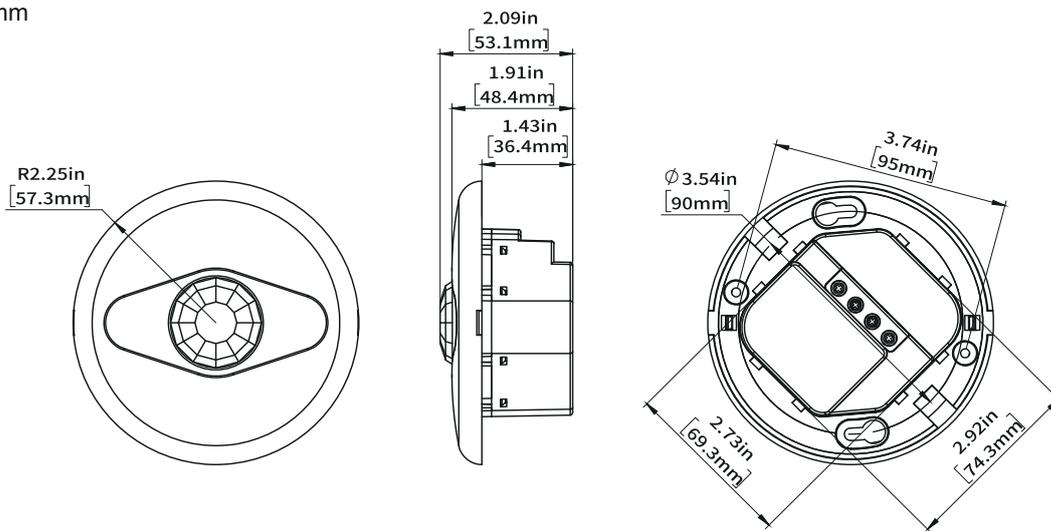


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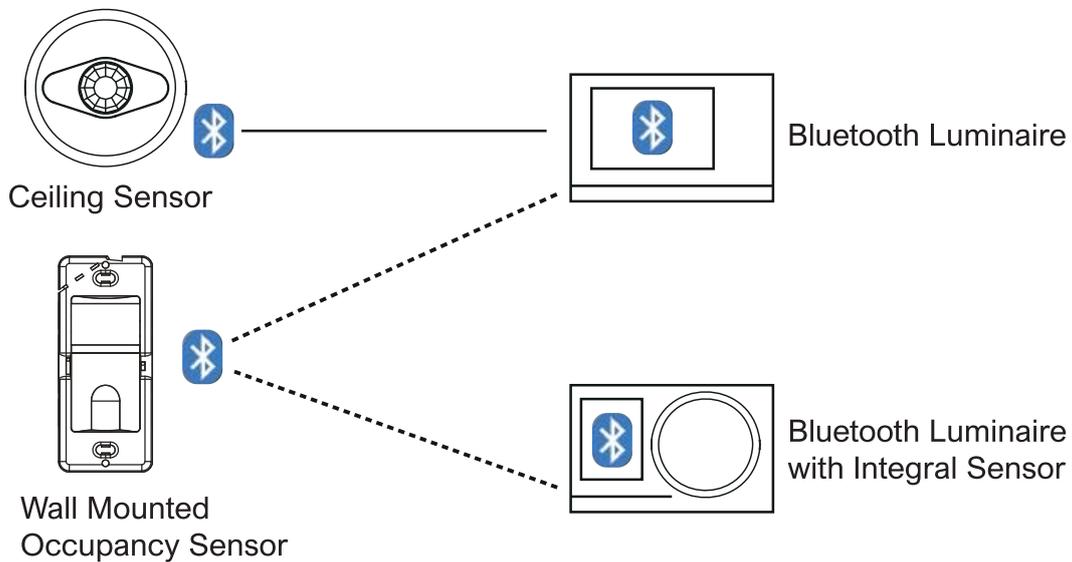


DIMENSIONS AND APPEARANCE

Unit:mm



EXAMPLES



BRI-CMP305-LV-BLE-SR

SILVAIR



Ceiling Bluetooth Passive Infrared sensor

The BRI-CMP305-LV-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through Silvr app.

Ip20 design.

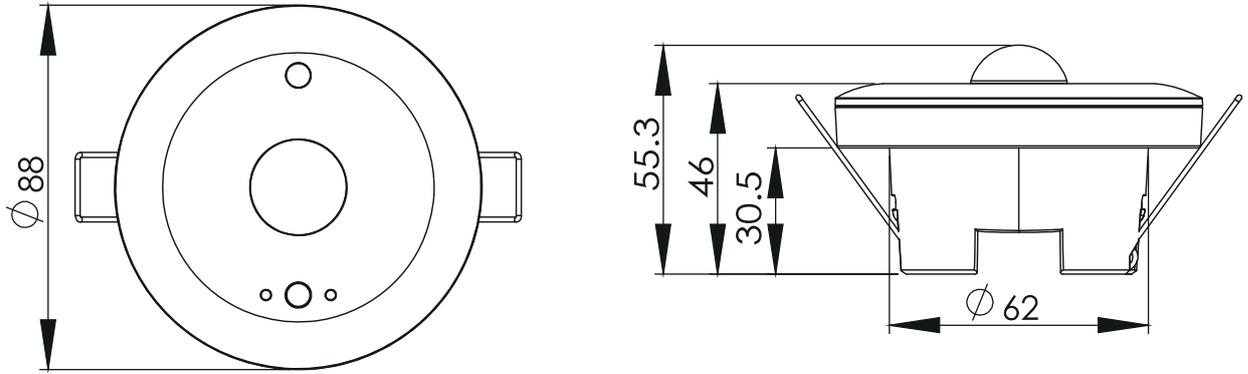


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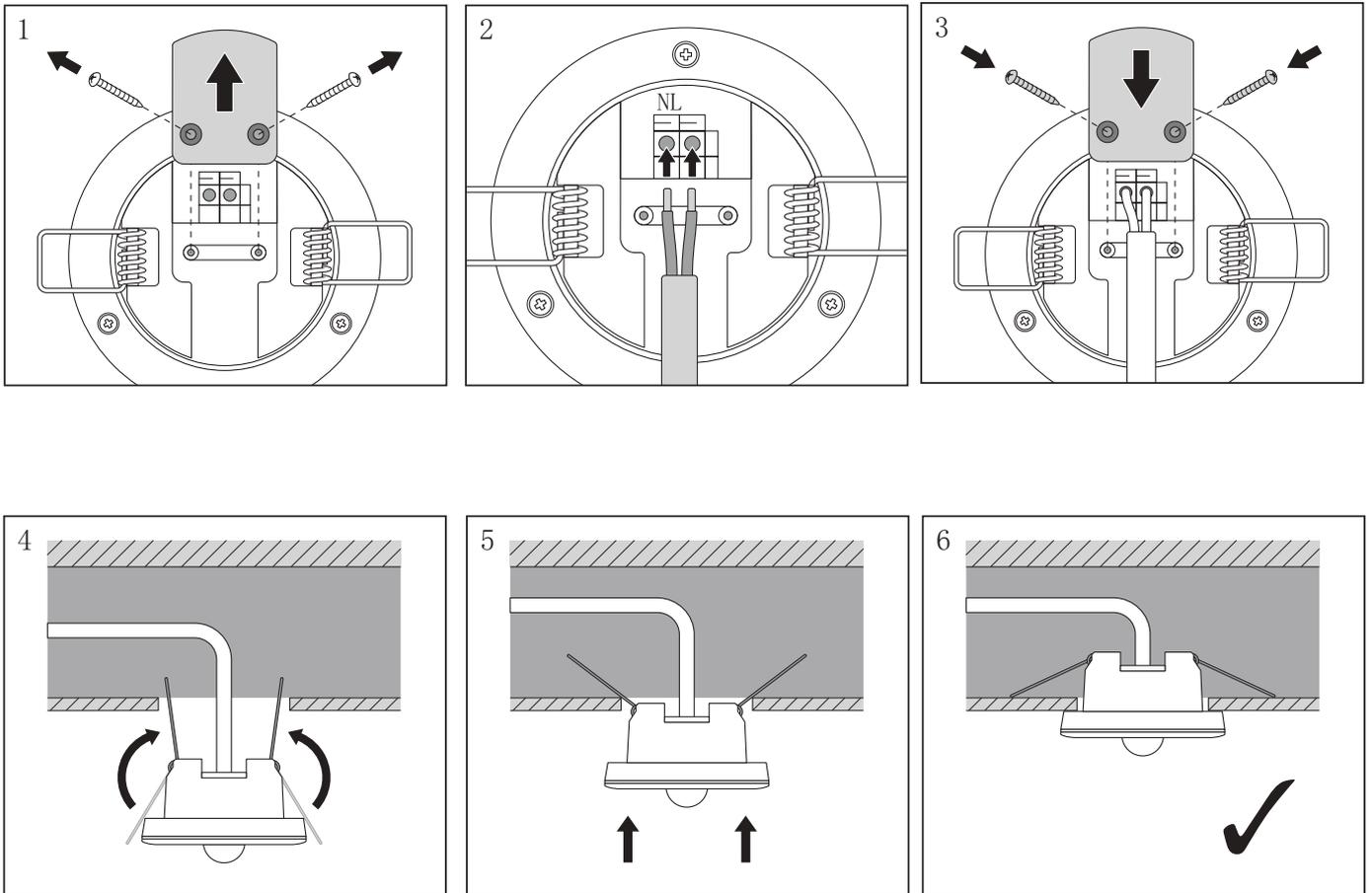
Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating temperature	-20°C-60°C
Max Bluetooth Range	100ft(30m)
Warranty	5years



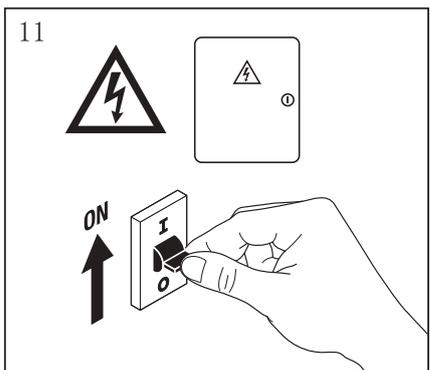
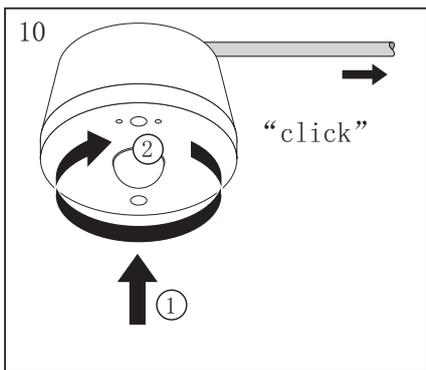
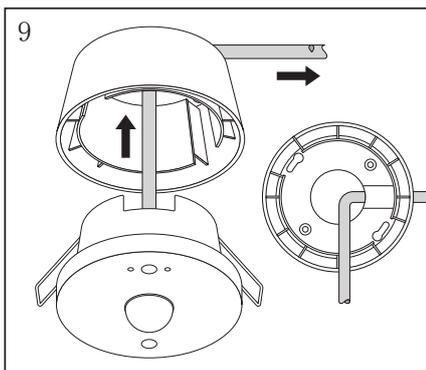
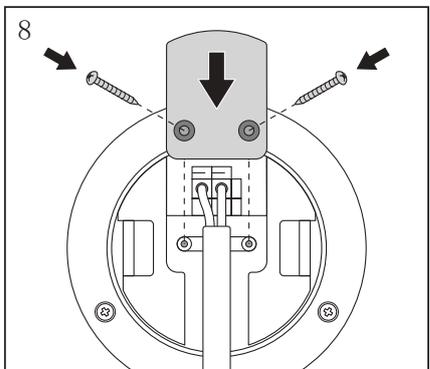
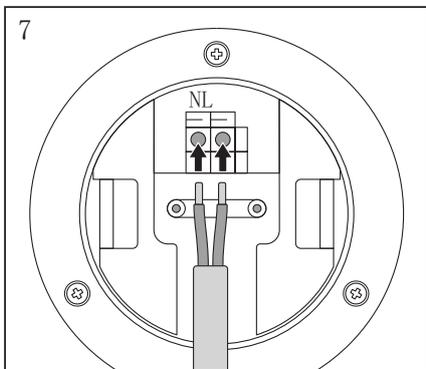
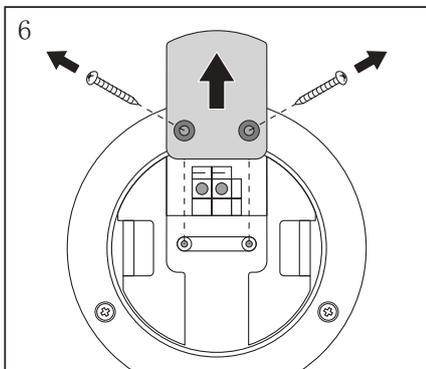
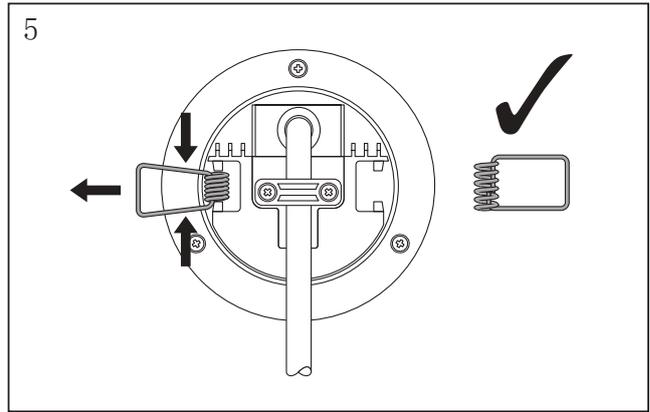
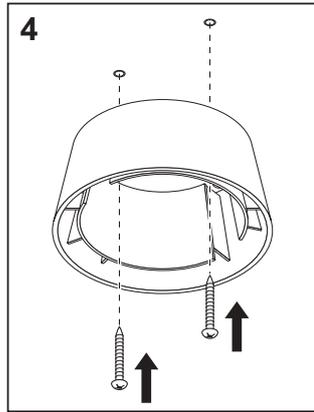
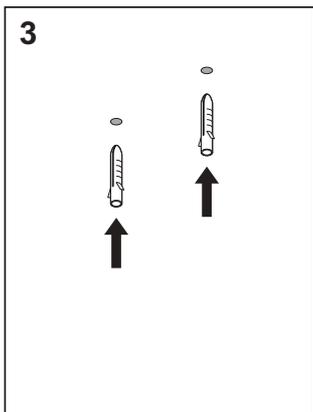
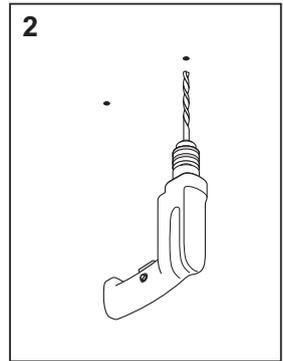
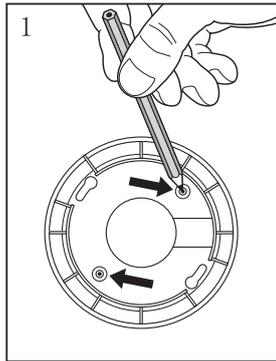
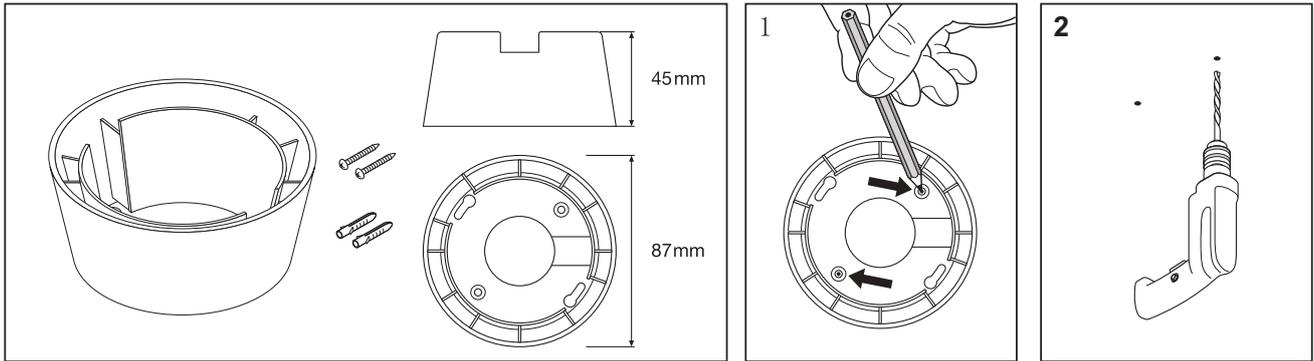
DIMENSIONS AND APPEARANCE



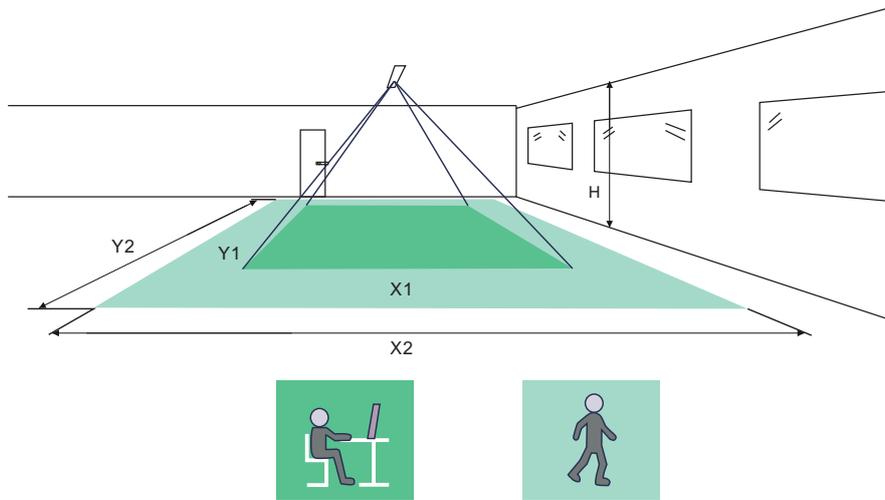
INSTALLATION Ceiling Recessed



Surface Mounted



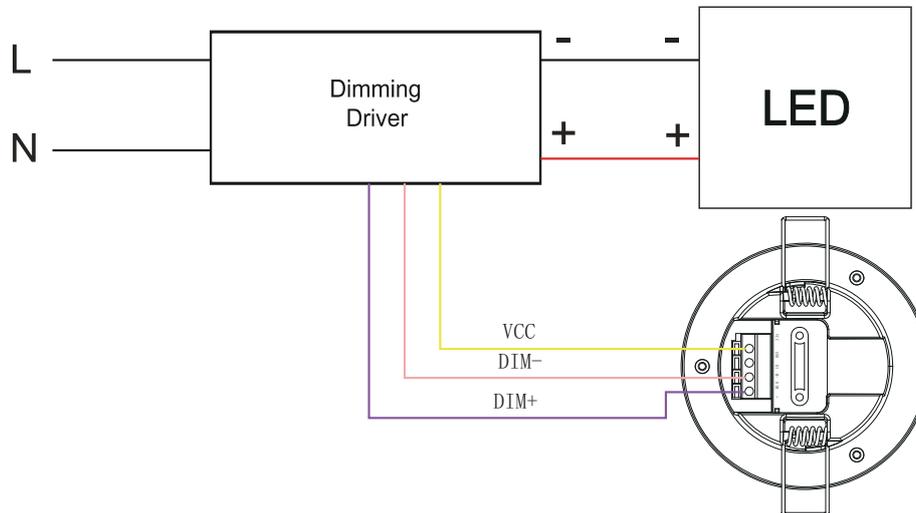
SENSOR COVERAGE



Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	10'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

WIRING DIAGRAM



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