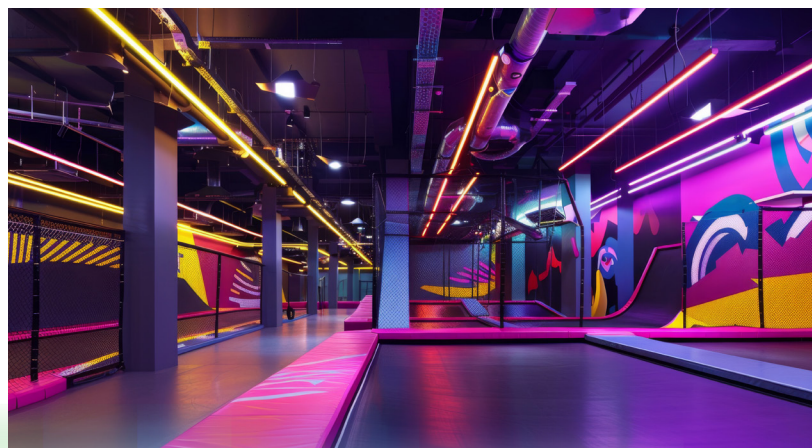




LBI PALETTE + IS A LINKABLE LIGHT BAR W/ AN INTERNAL DRIVER DELIVERING LIMITLESS RGB COLOR MIXING.

Endless options for creativity, from subtle accents to dramatic effects. Connect up to 40 (160 FT) from one power feed.* Slick fixture w/ protective housing and control-ready for seamless integration w/ the same seamless linking technology and accessories as our traditional LBI.



CHOOSE YOUR COLOR, WATTAGE AND DESIRED MODE W/ THE REMOTE

RGBWW REMOTE (ORDERED SEPARATELY)
INCLUDES HOLSTER / RP-REMOTE-RGB-WC



SENSOR READY



PWR FACTOR/THD



OPTIONAL NETWORK
LIGHTING CONTROL



OPTIONAL SIMPLE
OCC



OPTIONAL EMG
BATTERY BACKUP



BEAM ANGLE



OPERATING TEMP



>100,000hrs
RATED LIFE**



51,000hrs
RATED LIFE***

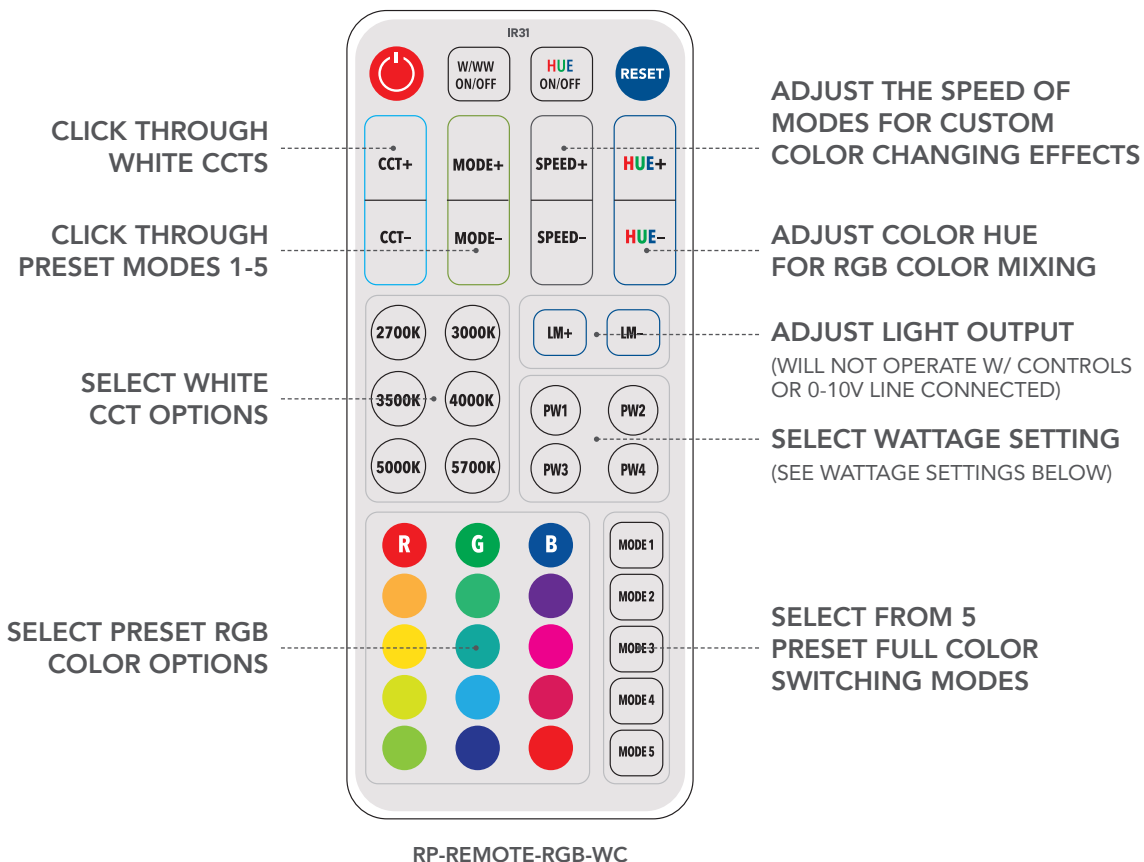
PART #	VOLTAGE	LUMENS***	WATTAGE	CCT	DIMENSIONS
RP-LBI-G2-2F-12W-RGBWW-WC	120-277V	960-1920	FLEXWATT 6W/8W/10W/12W	RGB COLORS and FLEXCOLOR 2700K/3000K/3500K 4000K/5000K	19.3 IN x 1.2 IN x 1.2 IN
RP-LBI-G2-2F-12W-RGBWW-WC-CN	120-347V				
RP-LBI-G2-3F-18W-RGBWW-WC	120-277V	1600-2880	FLEXWATT 10W/12W/15W/18W		31.3 IN x 1.2 IN x 1.2 IN
RP-LBI-G2-3F-18W-RGBWW-WC-CN	120-347V				
RP-LBI-G2-4F-25W-RGBWW-WC	120-277V	1920-4000	FLEXWATT 12W/15W/20W/25W		43.3 IN x 1.2 IN x 1.2 IN
RP-LBI-G2-4F-25W-RGBWW-WC-CN	120-347V				

FACTORY SET WATTAGE AND CCT ARE SHOWN IN BOLD

* CONNECT UP TO 30 4 FT UNITS TOGETHER @ 120VAC OR 40 4 FT UNITS @ 277VAC. ** CALCULATED *** WHITE CCTs ONLY



LIMITLESS SKUs in 1 W/ FLEXWATT™ & COLOR PALETTE + TECHNOLOGY
(CONTROLLABLE FROM REMOTE - ORDERED SEPARATELY)



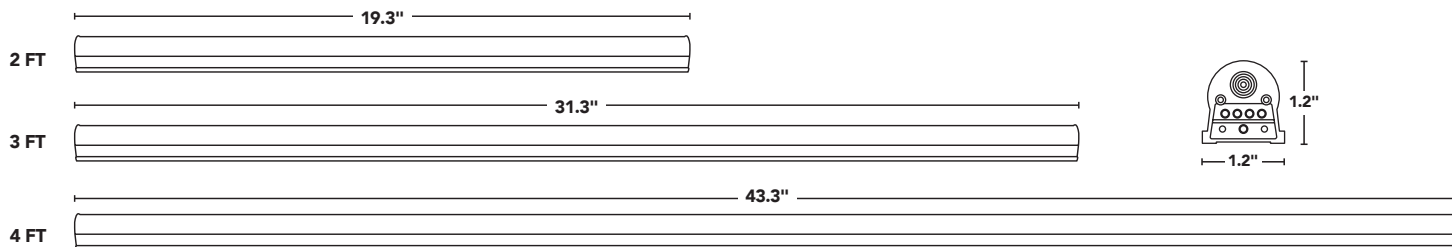
WATTAGE SETTING OPTIONS

	2 FT	3 FT	4 FT
PW1	6W	10W	12W
PW2	8W	12W	15W
PW3	10W	15W	20W
PW4	12W	18W	25W



LIGHT COLOR OUTPUTS — FOR 4 FT BAR

RED	GREEN	BLUE	2700K WHITE
600LUX/55FC @ 2 FT @ 120° 100LUX/9.3FC @ 5 FT @ 120°	1030LUX/95FC @ 2 FT @ 120° 166LUX/15.4FC @ 5 FT @ 120°	136LUX/12.6FC @ 2 FT @ 120° 24LUX/2.2FC @ 5 FT @ 120°	677LUX/62.9FC @ 2 FT @ 120° 113LUX/10.5FC @ 5 FT @ 120°



PART NUMBER BUILDER

MFR	PRODUCT	GENERATION	LENGTH	WATTAGE	CCT	FUNCTION	VOLTAGE
RP	LBI	G2			RGBWW	WC	
			2F	6W/8W/10W/ 12W	RGBWW = RGB COLORS + 2700K/3000K/3500K 4000K/5000K	WC = FLEXWATT + FLEXCOLOR	120-277V* CN = 120-347V
			3F	10W/12W/15W/ 18W			
			4F	12W/15W/20W/ 25W			
							*DEFAULT VOLTAGE, LEAVE BLANK

EXAMPLE PART NUMBER RP-LBI-G2-2F-12W-RGBWW-WC-CN

FACTORY SET LUMEN PACKAGE (WATTAGE AND CCT) ARE SHOWN IN BOLD. THERE ARE TWO OPTIONS FOR SELECTING A DIFFERENT LUMEN PACKAGE (WATTAGE AND/OR CCT)

1. YOU CAN EASILY ADJUST IN THE FIELD VIA OUR FLEXWATT AND FLEXCOLOR INTERNAL SWITCHES
2. HAVE US ADJUST THE FLEXWATT AND FLEXCOLOR AT THE FACTORY FOR AN ADDITIONAL CHARGE

INCLUDED HARDWARE

4 SELF-TAPPING SCREWS



2 SURFACE MOUNT MAGNETIC CLIPS



CONTROL OPTIONS*

SIMPLE LIGHTING CONTROLS



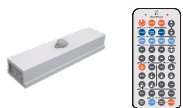
RP-LBI-OC2-A

IN-LINE MICROWAVE
OCCUPANCY AND DAYLIGHT
HARVESTING SENSOR
IR23 REMOTE



RP-LBI-PIR-A

IN-LINE PASSIVE INFRARED
OCCUPANCY AND DAYLIGHT
HARVESTING SENSOR
IR23 REMOTE



RP-LBI-BLE-OC

IN-LINE SILVAIR™
BLUETOOTH MICROWAVE
MOTION AND DAYLIGHT
HARVESTING SENSOR
SILVAIR APP



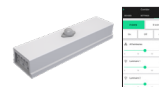
RP-LBI-BLE-A

IN-LINE SILVAIR™
BLUETOOTH
CONTROL NODE
SILVAIR APP



RP-LBI-BLE-PIR-A

IN-LINE SILVAIR™
BLUETOOTH PASSIVE INFRARED
MOTION AND DAYLIGHT
HARVESTING SENSOR
SILVAIR APP



Light Efficient Design/RemPhos has partnered with Silvaire to offer fixtures & retrofits w/ a wireless Bluetooth-mesh eco-system. Silvaire is listed on the DLC NLC QPL certified to Technical Requirements Version 5.1. Our Silvaire controls meet all eligibility criteria of integral, fixture-mounted, addressable sensors with motion and photocell/ambient light-sensing capabilities, along with embedded programming that can be configured and networked. System can control motion response, illumination levels, and scheduling.

* 0-10V CONTROLS ONLY CONTROL DIMMING AND DIM TO OFF, NO COLOR CONTROL

HEADQUARTERS & TRAINING CENTER • Cary, IL | INNOVATION & MANUFACTURING CENTER • Middleton, MA

847.380.3540 • led-llc.com • sales@led-llc.com

09.24.26 Information is subject to change without notice.

Light Efficient Design.



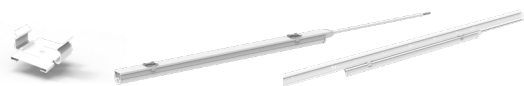
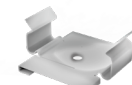
LINKING CABLES + CONNECTORS

PART #			DIMENSIONS	
3 IN	6 IN	12 IN		
RP-LBI-LC-3IN-DIM-10P RP-LBI-LC-3IN-NODIM-10P	RP-LBI-LC-6IN-DIM-10P RP-LBI-LC-6IN-NODIM-10P	RP-LBI-LC-12IN-DIM-10P RP-LBI-LC-12IN-NODIM-10P		
18 IN	24 IN	36 IN		
RP-LBI-LC-18IN-DIM-10P RP-LBI-LC-18IN-NODIM-10P	RP-LBI-LC-24IN-DIM-10P RP-LBI-LC-24IN-NODIM-10P	RP-LBI-LC-36IN-DIM-10P RP-LBI-LC-36IN-NODIM-10P		
48 IN	60 IN	72 IN		
RP-LBI-LC-48IN-DIM-10P RP-LBI-LC-48IN-NODIM-10P	RP-LBI-LC-60IN-DIM-10P RP-LBI-LC-60IN-NODIM-10P	RP-LBI-LC-72IN-DIM-10P RP-LBI-LC-72IN-NODIM-10P		

* MIN DISTANCE NEEDED TO UNPLUG CABLE FROM BAR ** MIN DISTANCE NEEDED TO FIT TO WALL/SURFACE

PART #	DESCRIPTION	
RP-LBI-G1-IP-3F-DIM	3 FT INCOMING POWER KIT INCOMING POWER CABLE / PIGTAIL + SERVICE DISCONNECT W/ ABRASION PROTECTION GROMMET USED TO HARDWIRE THE INCOMING POWER CABLE INTO FIXTURE OR JUNCTION BOX.	CABLE LENGTH: 3 FT CABLE DIAMETER: 7.25MM / 0.28 INCH
RP-LBI-G1-IP-2F-120V-SW RP-LBI-G1-IP-7F-120V-SW	INCOMING POWER CABLE W/ SWITCH 2 FT AND 7 FT LENGTHS AVAILABLE SIMPLE DIRECT CONNECTION TO A STANDARD RECEPTACLE W/ OUT JUNCTION BOX HARDWIRING. PLUG-AND-PLAY CABLE W/ A 5-15P GROUNDED PLUG FOR 120V OUTLETS, ON/OFF SWITCH AND PRE-WIRED FLEXIBLE CABLE.	
RP-LBI-SSC-DIM-10P RP-LBI-SSC-NODIM-10P	SEAMLESS CONNECTOR AVAILABLE FOR DIMMING AND NON-DIMMING APPLICATIONS.	DIM NODIM
RP-LBI-SRC-4.7IN	4.7-INCH SPACER CONNECTOR USE THE 4.7 IN SPACER CONNECTOR TO BRING THE LENGTH OF THE BAR SYSTEM TO A STANDARD DIMENSION (24 IN, 36 IN, 48 IN). DOES NOT ILLUMINATE.	
RP-LBI-SMM-10P	SURFACE MOUNT MAGNETIC CLIP THE MOUNTING TABS THAT EXTEND PERPENDICULARLY FROM THE LIGHT BAR CAN BE EASILY REMOVED BY BENDING AND BREAKING ON THE PRE-SCORED LINE. NOT INTENDED FOR PERMANENT INSTALLATION WITH MAGNETS ONLY. 2 SURFACE MOUNT KITS INCLUDED WITH EACH LBI.	
RP-LBI-SIL-KIT-10P	SUSPENDED IN-LINE KIT THE COMPLETE KIT INCLUDES: SUSPENDED IN-LINE BRACKET, AIRCRAFT CABLE (9.8 FT), ADJUSTABLE CABLE GRIPPER, AND A CEILING ANCHOR.	
RP-LBI-SIL-BRACKET-10P 10 PACK ONLY	SUSPENDED IN-LINE BRACKET THE SUSPENDED IN-LINE BRACKET (BRACKET ONLY) IS A WIDE CLIP THAT FASTENS OVER THE JUNCTION BETWEEN (2) LBI LIGHT BARS TO KEEP THEM STRAIGHT IN LINE.	



PART #	DESCRIPTION	
RP-LBI-T1516-10P RP-LBI-T1516-90-10P 10 PACK ONLY	T-BAR CLIPS RP-LBI-T1516-10P (PARALLEL – DIRECTLY UNDER THE T-BAR – 10 PACK) RP-LBI-T1516-90-10P (PERPENDICULAR – ACROSS THE BAR – 10 PACK)	
RP-LBI-BLC-10P 10 PACK ONLY	BLADE CLIP THE ROTATING MOUNTING BLADE PROVIDES A DEGREE OF FREEDOM TO ALIGN THE MOUNTING HOLES ON THE BLADE W/ FASTENING LOCATIONS THAT MAY NOT BE IN LINE W/ THE LIGHT BAR.	
RP-LBI-UDC-10P 10 PACK ONLY	UP/DOWN CLIP USE THE UP/DOWN CLIP W/ OUR SUSPENDED IN-LINE KIT TO CLIP A SHORTER BAR TO PROVIDE UP-LIGHT.	
RP-LBI-TWC-10P 10 PACK ONLY	TWO-WAY CLIP USE THE TWO-WAY CLIP TO MOUNT TWO LBI BACK TO BACK.	
RP-LBI-JBOX-1.5X4	LBI JUNCTION BOX THE LBI JUNCTION BOX IS USED TO CONNECT LBI WIRING TO BRANCH CIRCUITS. CONNECTIONS ARE MADE FROM THE LBI JUNCTION BOX TO THE LIGHT BAR USING A SEAMLESS CONNECTOR AND LINKING CABLE. KIT INCLUDES 1 PC. RP-LBI-SSC-DIM.	
RP-LBI-G1-IP-90DEG-12F-DIM	12 FT 90° INCOMING POWER CABLE USE THE 90° INCOMING POWER CABLE FOR AN EASY AND CLEAN CONNECTION TO SUSPENDED LBI FIXTURES.	
RP-LBI-G2-OUTPUT-CAP-10P 10 PACK ONLY	OUTPUT CAP POWER AND CONTROL TERMINATION PLUG FOR THE LBI LINKING CONNECTOR.	
RP-LBI-45DEG	45° BRACKET 45° BRACKET FOR COVE LIGHTING OR DISPLAYS. WORKS W/ INCLUDED LBI MOUNTING CLIPS.	

LINKING QUANTITY

	120V	208V	240V	277V
4 FT	30 BARS	40 BARS	40 BARS	40 BARS
3 FT	40 BARS	40 BARS	40 BARS	40 BARS
2 FT	40 BARS	40 BARS	40 BARS	40 BARS

LINKING POSSIBILITIES

- Linking cables will lower connectable quantities.
- The linking numbers are based on using the LBI Junction box and connected end to end.
- If linking cables are used when powered on 120VAC, linking number is reduced to 24 pcs.
- Linking does not include 0-10V linked control. This will depend on the controlling device.

DEFAULT OCC SENSOR SETTINGS

SENSITIVITY	DAYLIGHT SENSOR	HOLD TIME	TWILIGHT TIME	TWILIGHT LEVEL
100%	DISABLED	5 MIN	+ ∞	30%



IN-LINE MICROWAVE AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

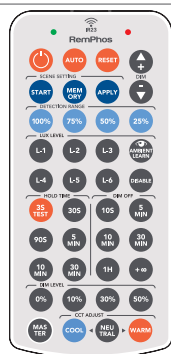
ORDERING **RP-LBI-OC2-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A **SIMPLE CONTROL** EXTENDED-RANGE HIGH/LOW MICROWAVE SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HARVESTING SENSOR TO DIM AND/OR TURN OFF THE LBI WHEN THE SPACE IS UNOCCUPIED OR NATURAL SURROUNDING LIGHT LEVELS ARE HIGH.



ATTRIBUTES

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMMISSIONING METHOD	IR REMOTE
REMOTE	IR23
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES
CONTROL CAPACITY	15 BARS

IR23 REMOTE



- PERMANENT ON/OFF FUNCTION**
- SENSOR MODE**
- RESET FUNCTION**
- AMBIENT LEARN**
- TEST MODE**
- DIM +/-**

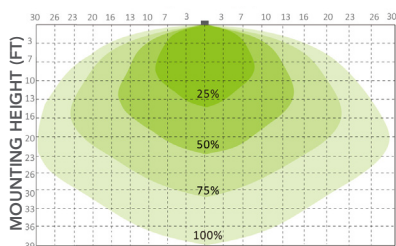
FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW



DETECTION PATTERN / RP-LBI-OC2-A

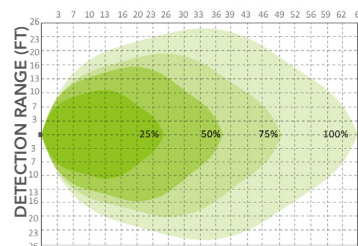
CEILING MOUNTING

DETECTION RANGE (FT)



WALL MOUNTING

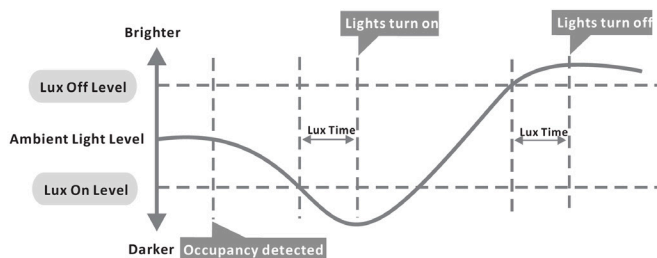
DETECTION DISTANCE (FT)



DAYLIGHT HARVESTING / RP-LBI-OC2-A

Sensor detects the difference between natural light and artificial light (lamp) from behind the diffuser, switch on automatically (even w/o movements) when the ambient light is below the target value, and switch off automatically whenever the artificial light is not required (ambient light is bright enough level).

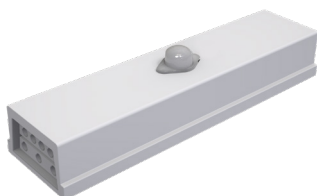
NOTE LUX-OFF SAMPLING TIME - 30S. LUX-ON SAMPLING TIME - 10S. LUX-ON FUNCTION WILL ONLY OPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.





IN-LINE PASSIVE INFRARED OCCUPANCY SENSOR

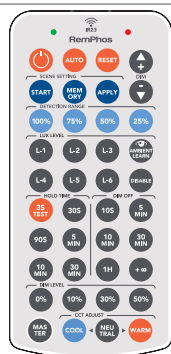
ORDERING **RP-LBI-PIR-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A **SIMPLE CONTROL** IN-LINE PASSIVE INFRARED OCCUPANCY SENSOR.



ATTRIBUTES

DETECTION TECHNOLOGY	PASSIVE INFRARED (PIR)
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMMISSIONING METHOD	IR REMOTE
REMOTE	IR23
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES
CONTROL CAPACITY	15 BARS

IR23 REMOTE



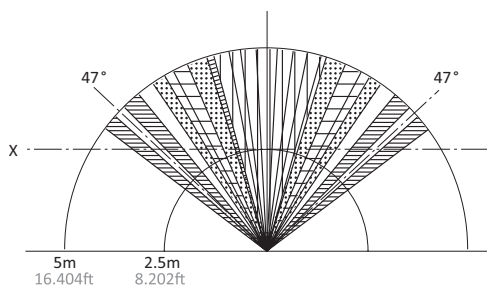
- PERMANENT ON/OFF FUNCTION**
- SENSOR MODE**
- RESET FUNCTION**
- AMBIENT LEARN**
- TEST MODE**
- DIM +/-**

FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW

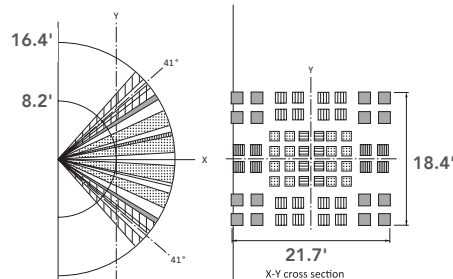


DETECTION PATTERN / RP-LBI-PIR-A

TOP VIEW



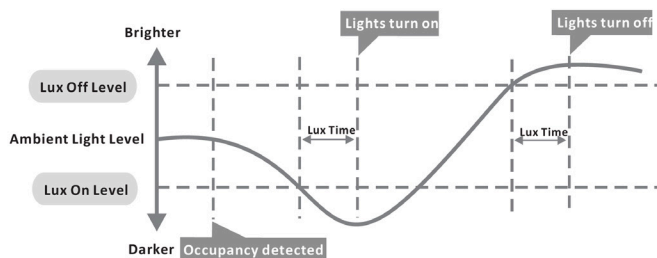
SIDE



DAYLIGHT HARVESTING / RP-LBI-PIR-A

Sensor detects the difference between natural light and artificial light (lamp) from behind the diffuser, switch on automatically (even w/o movements) when the ambient light is below the target value, and switch off automatically whenever the artificial light is not required (ambient light is bright enough).

NOTE LUX-OFF SAMPLING TIME - 30S. LUX-ON SAMPLING TIME - 10S. LUX-ON FUNCTION WILL ONLY OPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.





IN-LINE SILVAIR-READY BLUETOOTH AND MICROWAVE OCCUPANCY SENSOR

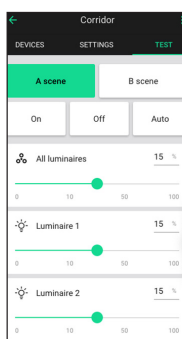
ORDERING **RP-LBI-BLE-OC**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



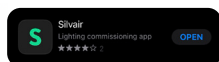
ATTRIBUTES

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY / VACANCY
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMMISSIONING METHOD	SILVAIR APP
REMOTE	N/A
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	BLUETOOTH MESH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC
CONTROL CAPACITY	15 BARS

SILVAIR APP



SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.

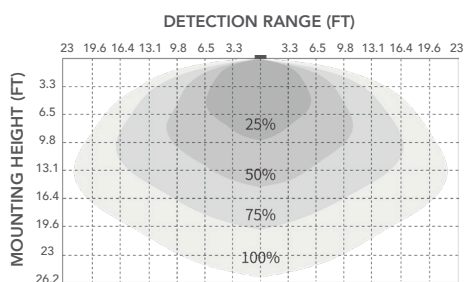


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW

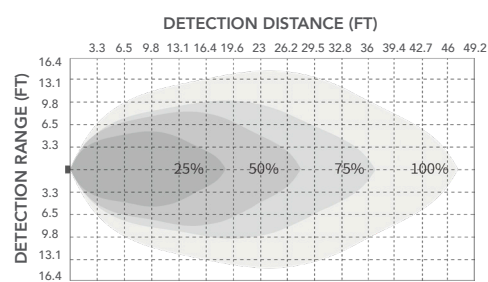


DETECTION PATTERN / RP-LBI-BLE-OC

CEILING MOUNTING



WALL MOUNTING





IN-LINE SILVAIR-READY BLUETOOTH CONTROL NODE

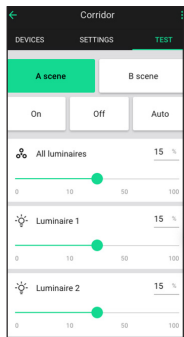
ORDERING **RP-LBI-BLE-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP ON ROBUST BLUETOOTH MESH. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE COST SAVINGS.



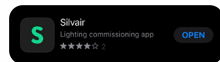
ATTRIBUTES

DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMMISSIONING METHOD	NONE
REMOTE	SILVAIR APP
DAYLIGHT HARVESTING	NO
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	NO
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC
CONTROL CAPACITY	15 BARS

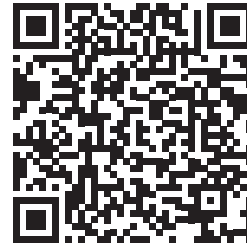
SILVAIR APP



SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



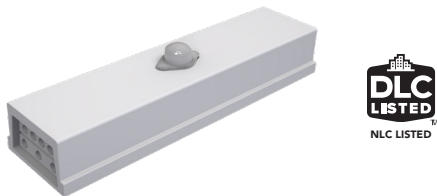
FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW





IN-LINE SILVAIR-READY BLUETOOTH CONTROL NODE W/ PASSIVE OCCUPANCY SENSOR

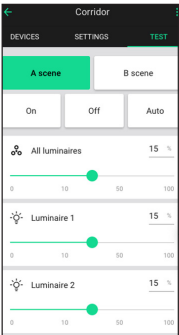
ORDERING **RP-LBI-BLE-PIR-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



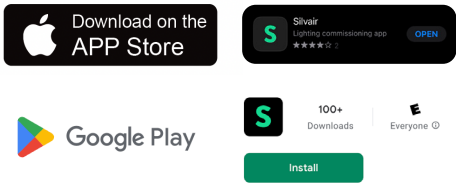
ATTRIBUTES

DETECTION TECHNOLOGY	PASSIVE INFRARED (PIR)
DETECTION TYPE	OCCUPANCY / VACANCY
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMISSIONING METHOD	SILVAIR APP
REMOTE	N/A
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC
CONTROL CAPACITY	15 BARS

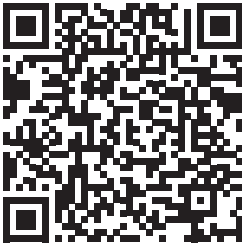
SILVAIR APP



SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.

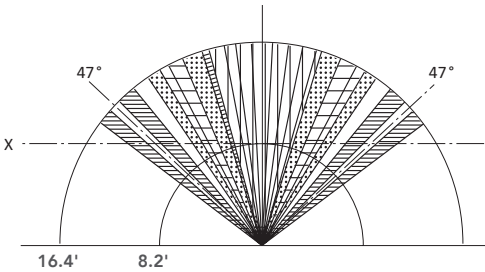


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW

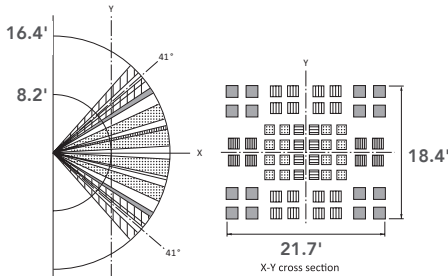


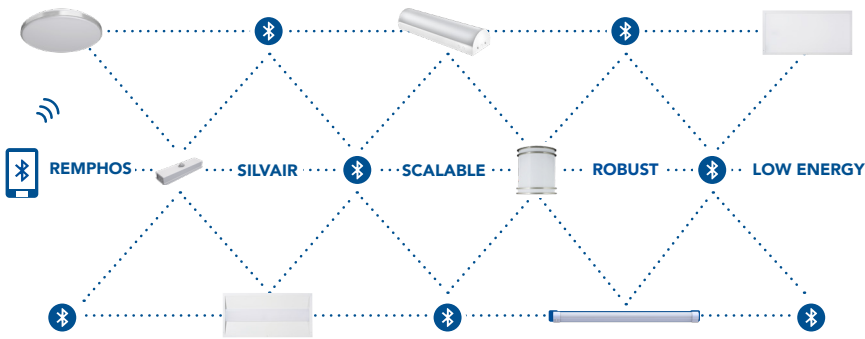
DETECTION PATTERN / RP-LBI-BLE-PIR-A

TOP VIEW



SIDE





WHAT IS SILVAIR?

Silvoir is a software and commissioning app that connects and controls lighting fixtures using Bluetooth mesh technology.

HOW DOES IT CONNECT?

Silvoir can be set up in advance through the cloud and the Silvoir portal. It can also be commissioned in the field with the IOS app.

DOWNLOAD SILVAIR APPS



MOBILE APP Apple App Store
or
WEB APP platform.silvoir.com

