



PART #

JOB NAME

TYPE



The new generation of the Linkable Bar / Internal Driver (LBI) comes built w/ up to 160 lumens per watt and 6 CCT options. Sleek fixture w/ protective housing and control-ready for seamless integration.

- Link multiple fixture together w/ seamless connectors or linking cables, to allow for up to 40 (160 FT) from one power feed*
- In-line mounting
- Quick connection in-line occupancy sensor available
- Built-in white-tuning control channel
- You have a choice between **SIMPLE** or **NETWORK LIGHTING CONTROLS**

SUPERFLEX
SWITCH BETWEEN 4 WATTAGES & 6 CCTS



EFFICACY
(LIGHT ENGINE)



PWR FACTOR
(THD)



CRI



SENSOR READY



BEAM ANGLE



OPTIONAL EMG
BATTERY BACKUP



OPERATING TEMP



50,000hrs
RATED LIFE

PART #	DESCRIPTION	VOLTAGE	LUMENS	WATTAGE	CCT**
RP-LBI-G2-2F-6W-40K-WC	2 FT LINKABLE BAR	120-277V	960-1920	FLEXWATT 6W/8W/10W/12W	FLEXCOLOR 2700K/3000K/3500K 4000K/5000K/5700K
RP-LBI-G2-2F-6W-40K-WC-CN		120-347V			
RP-LBI-G2-3F-10W-40K-WC	3 FT LINKABLE BAR	120-277V	1600-2400	FLEXWATT 10W/12W/15W/18W	
RP-LBI-G2-3F-10W-40K-WC-CN		120-347V			
RP-LBI-G2-4F-15W-40K-WC	4 FT LINKABLE BAR	120-277V	1600-4000	FLEXWATT 12W/15W/20W/25W	
RP-LBI-G2-4F-15W-40K-WC-CN		120-347V			

POPULAR ACCESSORIES (SOLD SEPARATELY)

 45° BRACKET	 6 IN / 12 IN / 18 IN	 SEAMLESS CONNECTOR	 OC2 SENSOR KIT	 SUSPENDED IN-LINE BRACKET KIT	 INCOMING POWER KIT
--	---	---	---	--	---

DEFAULT WATTAGE AND CCT ARE SHOWN IN BOLD.

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

** REMOTE CAN ADJUST 2700K/3000K/3500K/4000K/5000K/5700K. FLEXCOLOR SWITCH CAN ADJUST 2700K/3000K/3500K/4000K/5000K.

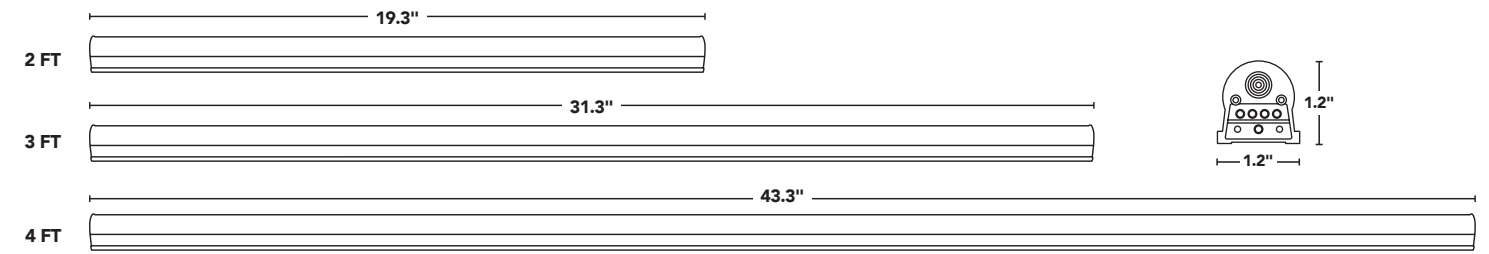


HEADQUARTERS & TRAINING CENTER • Cary, IL | INNOVATION & MANUFACTURING CENTER • Middleton, MA

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

07.28.26 Information is subject to change without notice.

Light Efficient Design.



PART NUMBER BUILDER

MFR	PRODUCT	GENERATION	LENGTH	WATTAGE	CCT	FUNCTION	EMG
RP	LBI	G2			40K	WC	
			2F	6W	40K = 4000K	WC = FLEXWATT + FLEXCOLOR	EMG = EMERGENCY BATTERY BACKUP
			3F	10W			
			4F	15W			

EXAMPLE PART NUMBER RP-LBI-G2-2F-6W-40K-WC

INCLUDED HARDWARE

4 SELF-TAPPING SCREWS	2 SURFACE MOUNT MAGNETIC CLIPS

CONTROL OPTIONS

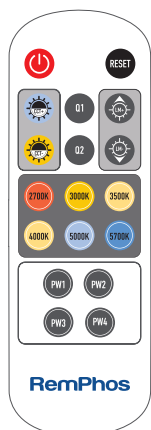
SIMPLE LIGHTING CONTROLS		NETWORK LIGHTING CONTROLS		
RP-LBI-OC2-A IN-LINE MICROWAVE OCCUPANCY AND DAYLIGHT HARVESTING SENSOR IR23 REMOTE	RP-LBI-PIR-A IN-LINE PASSIVE INFRARED OCCUPANCY AND DAYLIGHT HARVESTING SENSOR IR23 REMOTE	RP-LBI-BLE-OC IN-LINE SILVAIR™ BLUETOOTH MICROWAVE MOTION AND DAYLIGHT HARVESTING 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 Silvar to offer fixtures & retrofits w/ a wireless Bluetooth-mesh eco-system. Silvar is listed on the DLC NLC QPL certified to Technical Requirements Version 5.1. Our Silvar 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.



24 SKUs in 1 WITH FLEXWATT™ & FLEXCOLOR™ TECHNOLOGY (CONTROLLABLE FROM REMOTE)



2 FT			
 2700K	 3000K		
 3500K	 4000K		
 5000K	 5700K		
 PW1 6W	 PW2 8W		
 PW3 10W	 PW4 12W		

3 FT			
 2700K	 3000K		
 3500K	 4000K		
 5000K	 5700K		
 PW1 10W	 PW2 12W		
 PW3 15W	 PW4 18W		

4 FT			
 2700K	 3000K		
 3500K	 4000K		
 5000K	 5700K		
 PW1 12W	 PW2 15W		
 PW3 20W	 PW4 25W		

- Product ships at a default color temp (K) and wattage setting (install as is, or tailor the settings to fit your needs).
- Save on labor costs by having us factory pre-set the wattage and color temperature.

FLEXCONTROL™ TECHNOLOGY

- Order control-ready or Simple Lighting Control (integrated high/low and daylight sensor), or Network Lighting Controls (such as, Silvar or Lutron).
- Optional sensors are directly linkable to the light bars, no wiring needed.
- Our basic motion/daylight control (OC2 ordering code) is adjustable via remote control for (1) sensitivity (2) duration of time at high light level before dimming to low (2) duration of time at low light level before turning off (3) ramping up and down light levels based on daylight and (4) the dimmed light level %.

SUITABLE FOR DRY & DAMP LOCATIONS

PASS-THROUGH 0-10V DIMMING & AUXILIARY 12V OUTPUT

- Allows all light bars to be dimmed together as a group.

ADAPTABLE MOUNTING

- Various mounting clip options with integrated rare-earth magnets for easy placement in all fixture styles.
- High-bay pendant chain options available.

CONNECT UP TO 40 LIGHT BARS ON ONE INCOMING POWER CABLE

(CHECK LINKING CHART FOR VOLTAGE SPECIFIC LINKING QUANTITY)

FLEXWATT SWITCH POSITION (LUMENS AT 3500K)

SIZE	POSITION 1	POSITION 2	POSITION 3	POSITION 4
2 FT	6W (948LM)	8W (1264LM)	10W (1580LM)	12W (1896LM)
3 FT	10W (1580LM)	12W (1896LM)	15W (2370LM)	18W (2900LM)
4 FT	12W (1896LM)	15W (2370LM)	20W (3160LM)	25W (3950LM)

FLEXCOLOR SWITCH POSITION

COLOR TEMPS	POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5
STANDARD (WC)	2700K	3000K	3500K	4000K	5000K



LINKING CABLES + CONNECTORS

PART #			DIMENSIONS	
3IN	6IN	12IN		
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		
18IN	24IN	36IN		
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		
48IN	60IN	72IN		
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.	
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.	
RP-LBI-SRC-4.7IN	4.7-INCH SPACER CONNECTOR USE THE 4.7IN SPACER CONNECTOR TO BRING THE LENGTH OF THE BAR SYSTEM TO A STANDARD DIMENSION (24IN, 36IN, 48IN). 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 WITH FASTENING LOCATIONS THAT MAY NOT BE IN LINE WITH THE LIGHT BAR.	
RP-LBI-UDC-10P 10 PACK ONLY	UP/DOWN CLIP USE THE UP/DOWN CLIP WITH OUR SUSPENDED IN-LINE KIT TO CLIP A SHORTER BAR TO PROVIDE UP-LIGHT.	
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' 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 24pcs.
- Linking does not include 0-10V linked control. This will depend on the controlling device.

To order for continuous runs, please order "1 Bar Kits" + required accessory connectors (sold separately).
Connect up to 40 light bars on one incoming power feed. (Check linking chart for voltage specific linking quantity).

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

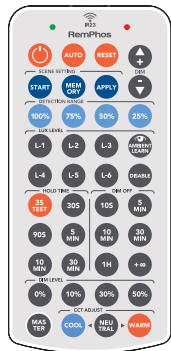
ORDERING **RP-LBI-OC2-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A **SIMPLE CONTROL** EXTENDED-RANGE HIGH/LOW MICROWAVE SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HARVESTING SENSOR TO DIM AND/OR TURN OFF THE LBI WHEN THE SPACE IS UNOCCUPIED OR NATURAL SURROUNDING LIGHT LEVELS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



ATTRIBUTES

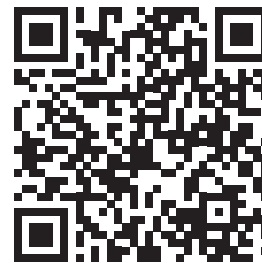
DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMMISSIONING METHOD	IR REMOTE
REMOTE	IR23
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES
CONTROL CAPACITY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

IR23 REMOTE



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

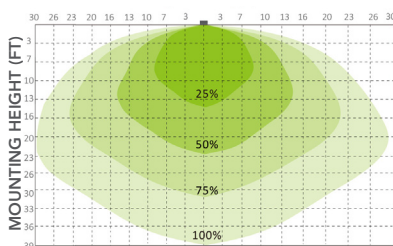
FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW



DETECTION PATTERN / RP-LBI-OC2-A

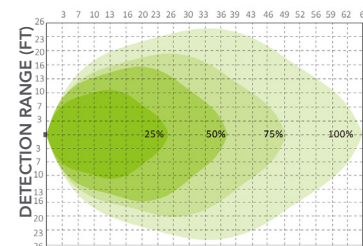
CEILING MOUNTING

DETECTION RANGE (FT)



WALL MOUNTING

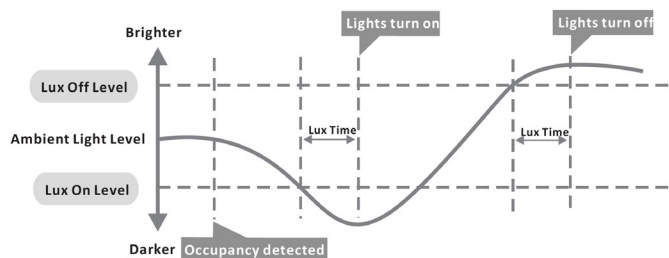
DETECTION DISTANCE (FT)



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).

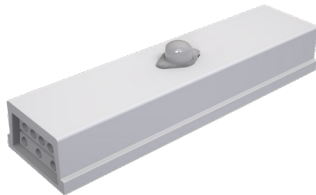
NOTE LUX-OFF SAMPLING TIME - 30S. LUX-ON SAMPLING TIME - 10S. LUX-ON FUNCTION WILL ONLY OPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.





IN-LINE PASSIVE INFRARED OCCUPANCY SENSOR

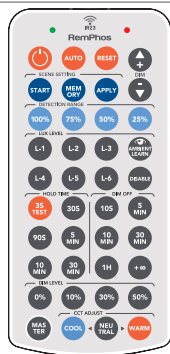
ORDERING **RP-LBI-PIR-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A **SIMPLE CONTROL** IN-LINE PASSIVE INFRARED OCCUPANCY SENSOR.



ATTRIBUTES

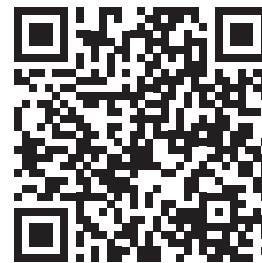
DETECTION TECHNOLOGY	PASSIVE INFRARED (PIR)
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMMISSIONING METHOD	IR REMOTE
REMOTE	IR23
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES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

IR23 REMOTE



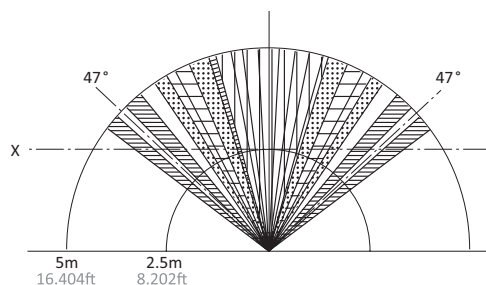
- PERMANENT ON/OFF FUNCTION**
- SENSOR MODE**
- RESET FUNCTION**
- AMBIENT LEARN**
- TEST MODE**
- DIM +/-**

FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW

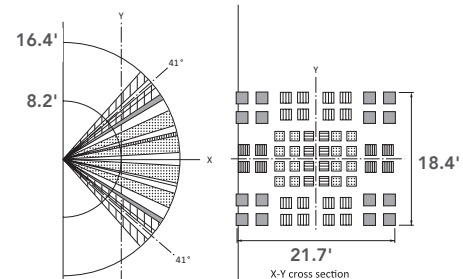


DETECTION PATTERN / RP-LBI-PIR-A

TOP VIEW



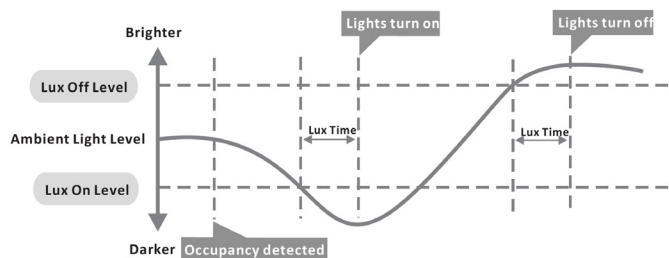
SIDE



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

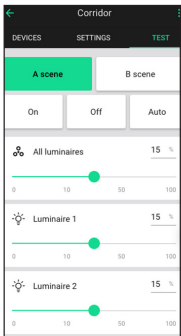
ORDERING **RP-LBI-BLE-OC**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



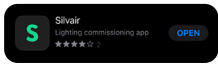
ATTRIBUTES

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY / VACANCY
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMISSIONING 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

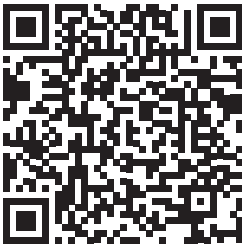
SILVAIR APP



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

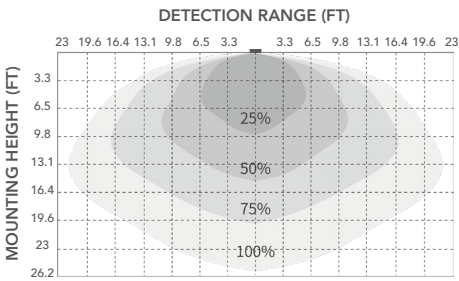


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 15

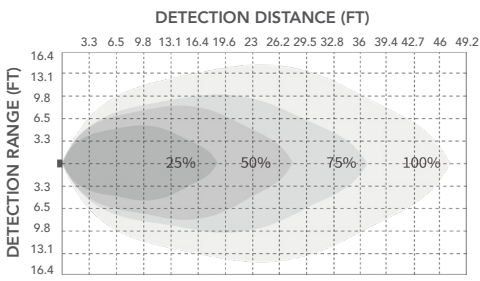


DETECTION PATTERN / RP-LBI-BLE-OC

CEILING MOUNTING



WALL MOUNTING





IN-LINE SILVAIR-READY BLUETOOTH CONTROL NODE

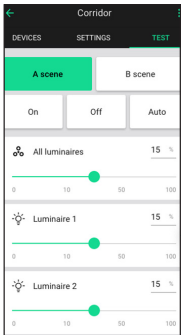
ORDERING **RP-LBI-BLE-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP ON ROBUST BLUETOOTH MESH. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE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



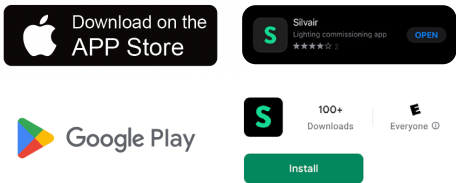
ATTRIBUTES

DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMISSIONING 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.

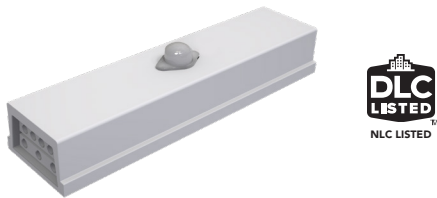


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 15



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

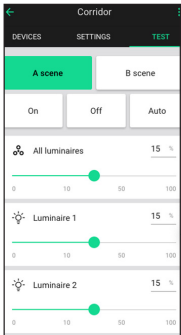
ORDERING **RP-LBI-BLE-PIR-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



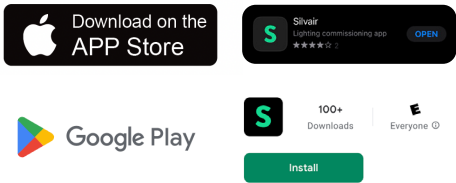
ATTRIBUTES

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

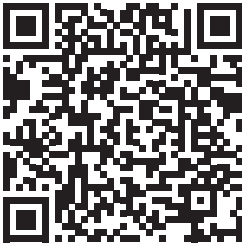
SILVAIR APP



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

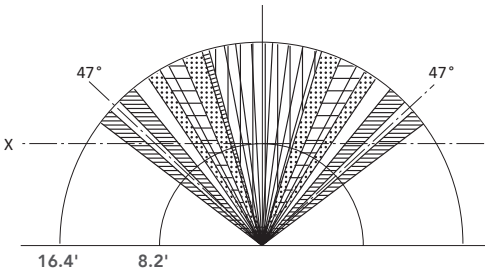


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 15

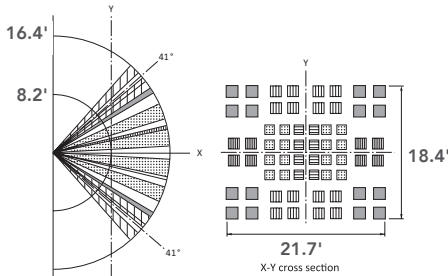


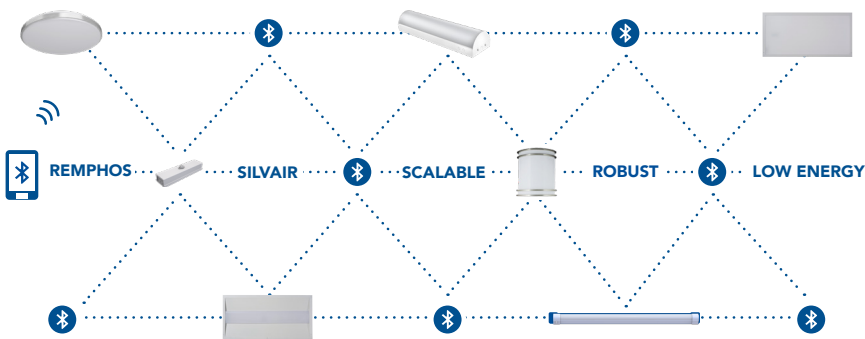
DETECTION PATTERN / RP-LBI-BLE-PIR-A

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

