

PART #

JOB NAME

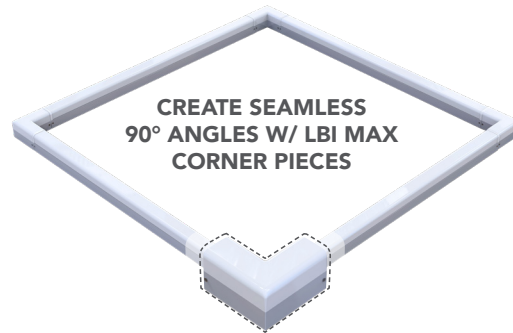
TYPE



The LBI MAX is a linkable, linear fixture or retrofit kit available in 2 FT & 4 FT configurations. Equipped w/ SuperFLEX adjustability to select the ideal wattage and color temperature to address every application. The LBI MAX is the perfect luminaire for commercial, retail, manufacturing, warehouse, and display applications.

- Link up to (20) units together @ 120VAC, or up to (40) units @ 277VAC
- Works w/ all LBI wiring accessories
- Seamless connectors allow multiple units to run on a single power source
- Surface mount (wall or ceiling) or suspend e/ included V-hooks. Additional mounting accessories available - pendant, aircraft, or in-line
- **SIMPLE & NETWORK LIGHTING CONTROLS**

**SUPERFLEX** SWITCH BETWEEN  
4 WATTAGES & 4 CCTS



120-277V  
SENSOR READY



0-10V  
DIM TO OFF



12V  
AUX OUTPUT



OPTIONAL NETWORK  
LIGHTING CONTROL



OPTIONAL SIMPLE  
OCC



OPTIONAL EMG  
BATTERY BACKUP



146 LPW  
EFFICACY  
(LIGHT ENGINE)



80+  
CRI



120°  
BEAM ANGLE



-4°F TO 113°F  
OPERATING TEMP



>100,000hrs RATED  
LIFE (CALCULATED)



51,000hrs  
RATED LIFE

PART #	UPC	DESCRIPTION	LUMENS	WATTAGE	CCT
RP-LBIMAX-2F-25W-40K-WC	844006091187	2 FT LINKABLE LINEAR STRIP	1950-3900	FLEXWATT 15W/20W/25W/30W	FLEXCOLOR 3000K/3500K 4000K/5000K
RP-LBIMAX-4F-48W-40K-WC	844006085551	4 FT LINKABLE LINEAR STRIP	3997-6365	FLEXWATT 30W/35W/40W/48W	
RP-LBIMAX-LR-16W-40K-WC	844006092382	RIGHT-TURN 90° DEGREE CORNER	910-2080	FLEXWATT 7W/10W/13W/16W	
RP-LBIMAX-LL-16W-40K-WC	844006092399	LEFT-TURN 90° DEGREE CORNER			

DEFAULT WATTAGE AND CCT ARE SHOWN IN BOLD.





### DIMENSIONS



### PART NUMBER BUILDER

MFR	PRODUCT	LENGTH	WATTAGE	CCT	FUNCTION	SENSOR	EM
RP	LBIMAX			40K = 4000K	WC		
		2 F -----	25W		WC = WATTAGE + COLOR SELECTABLE	OC = MICROWAVE OCCUPANCY SENSOR	EM1 = EMERGENCY BATTERY BACKUP
		4 F -----	48W			OCBT = BLUETOOTH MICROWAVE OCCUPANCY SENSOR	
						BT = BLUETOOTH CONTROL NODE	
EXAMPLE PART NUMBER							
RP-LBIMAX-4F-48W-40K-WC-OC-EM1				FACTORY SHIPS 2 FT AT 25W/4000K, AND THE 4 FT AT 48W/4000K			

### CONTROL OPTIONS

#### SIMPLE LIGHTING CONTROL



#### -OC

MICROWAVE AND DAYLIGHT  
HARVESTING OCCUPANCY SENSOR  
IR12 REMOTE

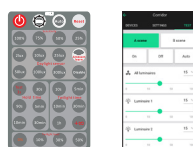


#### NETWORK LIGHTING CONTROLS



#### -OCBT

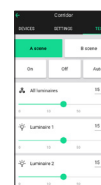
SILVAIR-READY BLUETOOTH  
MICROWAVE OCCUPANCY SENSOR  
IR12 REMOTE & SILVAIR APP



IR REMOTE SETS SENSOR RANGE ONLY

#### -BT

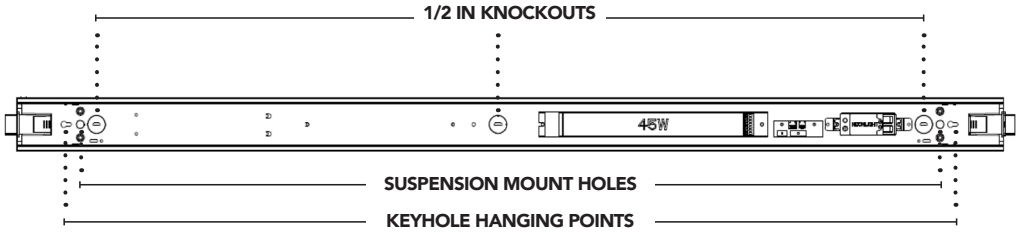
SILVAIR-READY BLUETOOTH  
NODE W/ EXTERNAL ANTENNA  
SILVAIR APP



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.

### MAXIMUM LINKING QTY

SIZE	120V	208V	240V	277V
2 FT	28 UNITS	40 UNITS	40 UNITS	40 UNITS
4 FT	20 UNITS	30 UNITS	35 UNITS	40 UNITS



INCLUDED HARDWARE

V-HOOKS	BOLT CAPS	JUNCTION BOX COVER	DEAD END CAPS

OPTIONAL HARDWARE

PART #	DESCRIPTION
RP-LBIMAX-SM-LINK	<p>SURFACE MOUNT LINKING BRACKET (DIMMABLE SEAMLESS CONNECTOR INCLUDED)</p>
RP-LBIMAX-SPND	<p>SUSPENSION MOUNT LINKING BRACKET (DIMMABLE SEAMLESS CONNECTOR INCLUDED)</p>
RP-LBIMAX-SPND-KIT	<p>SUSPENSION MOUNT LINKING BRACKET KIT THE COMPLETE KIT INCLUDES: ONE AIRCRAFT CABLE (9.8FT), ONE ADJUSTABLE CABLE GRIPPER, ONE SUSPENSION MOUNT LINKING BRACKET AND ONE CEILING ANCHOR.</p>
RP-LBIMAX-SIL-KIT-2P	<p>SUSPENSION KIT THE COMPLETE KIT INCLUDES: TWO AIRCRAFT CABLES (9.8FT), TWO ADJUSTABLE CABLE GRIPPERS, AND TWO CEILING ANCHORS.</p>
RP-LBIMAX-PM-KIT	<p>PENDANT MOUNT KIT</p>
RP-LBI-SSC-DIM-10P RP-LBI-SSC-NODIM-10P	<p>SEAMLESS CONNECTOR AVAILABLE FOR DIMMING AND NON-DIMMING APPLICATIONS.</p>



### CABLES + CONNECTORS

PART #				DESCRIPTION
6IN	12IN	18IN	24IN	<b>LINKING CABLES</b> 
RP-LBI-LC-6IN-DIM-10P RP-LBI-LC-6IN-NODIM-10P	RP-LBI-LC-12IN-DIM-10P RP-LBI-LC-12IN-NODIM-10P	RP-LBI-LC-18IN-DIM-10P RP-LBI-LC-18IN-NODIM-10P	RP-LBI-LC-24IN-DIM-10P RP-LBI-LC-24IN-NODIM-10P	
36IN	48IN	60IN	72IN	
RP-LBI-LC-36IN-DIM-10P RP-LBI-LC-36IN-NODIM-10P	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	

PART #	DESCRIPTION	
RP-LBI-G1-IP-3F-DIM	<b>3 FT INCOMING POWER KIT</b> 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	<b>INCOMING POWER CABLE W/ SWITCH</b> 2 FT AND 7 FT LENGTHS AVAILABLE PLUG IN THE INCOMING POWER CABLE INTO FIXTURE OR JUNCTION BOX	
RP-LBI-G1-IP-90DEG-12F-DIM	<b>12 FT 90° DEGREE INCOMING POWER CABLE</b>	
RP-LBIMAX-LR-16W-40K-WC	<b>RIGHT-TURN 90° DEGREE CORNER</b> CORNERS ARE FLEXCOLOR, DEFAULT 4000K	
RP-LBIMAX-LL-16W-40K-WC	<b>LEFT-TURN 90° DEGREE CORNER</b> CORNERS ARE FLEXCOLOR, DEFAULT 4000K	
		<p><b>USE FOUR OF THE SAME DIRECTION CORNERS TO CREATE A SQUARE</b>            CORNERS ILLUMINATE WHEN CONNECTED TO LBI MAX OR INCOMING POWER</p>

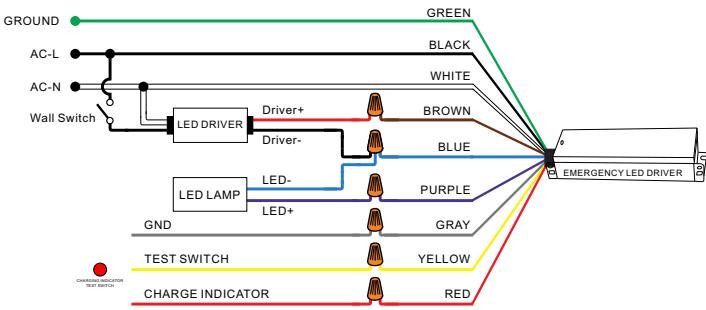


Turns on when power goes off



RC-LBIMAX-4W-EMGKIT (HELPOWER PART# EMS-04050-YY)

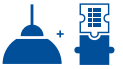
EMG WIRING DIAGRAM



TEST BUTTON  
LOCATED ON SIDE  
OF FIXTURE



PRODUCT SPEC	INFORMATION
Input Voltage / Frequency	120~277VAC , 50/60Hz
Input Current	100mA Max
Recharge Power	5W Max
Output Voltage Range	15~50Vdc
Output Power	4W
Battery Recharge Time	24 Hours
Battery Discharge Time	Minimum 90 Minutes
Warranty	5 Years
Battery Type	Li-ion
Ambient Operating Temperature Range	5°C To 50°C (41°F To 122°F)
Surge Protection	Live-Neutral 3KV
UL	Listed to UL924 and tested to CSAC22.2 No.141 Field or factory installation
Low Energy Consumption	CEC Title20 compliance
Emergency Mode Protections	Battery Over Charge Protection Battery Over Discharge Protection Battery Short Circuit Protection
Wiring	to LED driver's DC output



### MID OUTPUT

PART #	DLC CODE	DLC	PRIMARY USE	CCT	WATTAGE	LUMENS
RP-LBIMAX-4F-30W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-H2PYAV	●	STAIRWELL AND PASSAGEWAY LUMINAIRES	30/35/40/50K	30	4000
RP-LBIMAX-4F-35W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-SB6KLF			30/35/40/50K	35	4800
RP-LBIMAX-4F-40W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-PI9VU7			30/35/40/50K	40	5400
RP-LBIMAX-4F-48W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-UO654R			30/35/40/50K	48	6400

### LOW-BAY

PART #	DLC CODE	DLC	PRIMARY USE	CCT	WATTAGE	LUMENS
RP-LBIMAX-4F-30W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-CMDIGX	●	RETROFIT KITS FOR LOW BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/40/50K	30	4000
RP-LBIMAX-4F-30W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-VOUIDQ	●	LOW BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/40/50K		4000
RP-LBIMAX-4F-35W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-GK6YX9			30/35/40/50K	35	4800
RP-LBIMAX-4F-35W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-HE9JRZ	●	RETROFIT KITS FOR LOW BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/40/50K		4700
RP-LBIMAX-4F-40W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-J68VOC			30/35/40/50K	40	5300
RP-LBIMAX-4F-40W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-TJ7YID	●	LOW BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/40/50K		5400
RP-LBIMAX-4F-48W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-C8SPZD			30/35/40/50K	48	6400
RP-LBIMAX-4F-48W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-JH1RFV	●	RETROFIT KITS FOR LOW BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/40/50K		6300

### LINEAR AMBIENT

PART #	DLC CODE	DLC	PRIMARY USE	CCT	WATTAGE	LUMENS
RP-LBIMAX-4F-30W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-AI6R08	●	DIRECT LINEAR AMBIENT LUMINAIRES	30/35/40/50K	30	4000
RP-LBIMAX-4F-30W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-FX9I5H		RETROFIT KITS DIRECT LINEAR AMBIENT LUMINAIRES	30/35/40/50K		4100
RP-LBIMAX-4F-35W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-1ZLOW4		DIRECT LINEAR AMBIENT LUMINAIRES	30/35/40/50K	35	4800
RP-LBIMAX-4F-35W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-HQ4P61		RETROFIT KITS DIRECT LINEAR AMBIENT LUMINAIRES	30/35/40/50K		4900
RP-LBIMAX-4F-40W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-EV92RZ		DIRECT LINEAR AMBIENT LUMINAIRES	30/35/40/50K	40	5400
RP-LBIMAX-4F-40W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-FR2I3Q			30/35/40/50K		5400
RP-LBIMAX-4F-48W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-I58RO3		RETROFIT KITS DIRECT LINEAR AMBIENT LUMINAIRES	30/35/40/50K	48	6400
RP-LBIMAX-4F-48W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-MD2R0U			30/35/40/50K		6400

● STANDARD ● PREMIUM

## MICROWAVE AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

ADDING -OC TO THE LBI MAX PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A MICROWAVE MOTION SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HARVESTING SENSOR TO DIM AND/OR TURN OFF THE LBI MAX WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL 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	IR12
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES
CONTROL CAPACITY	10 FIXTURES

### IR12 REMOTE



 Permanent ON/OFF Function

 Dim+/-

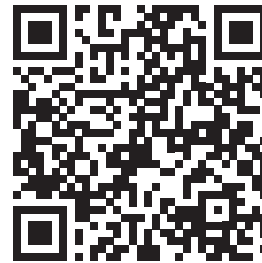
 Sensor Mode

 Reset Function

 Ambient Learn

 Test Mode

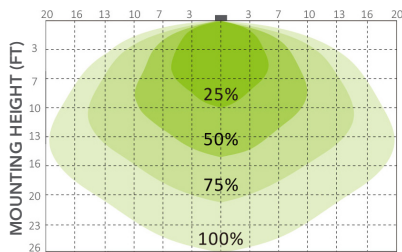
FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW



### DETECTION PATTERN / -OC

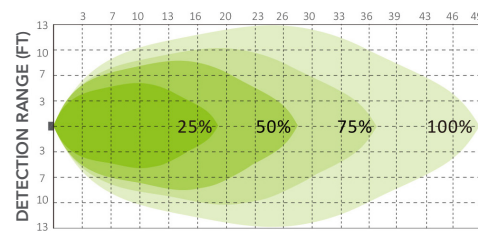
#### CEILING MOUNTING

DETECTION RANGE (FT)



#### WALL MOUNTING

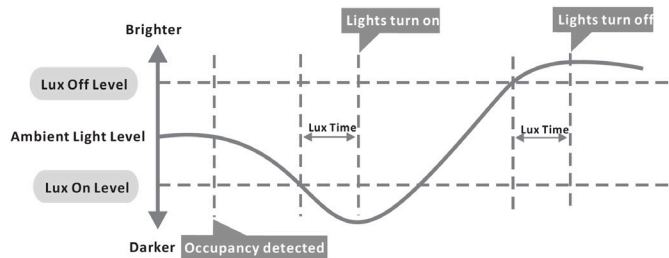
DETECTION DISTANCE (FT)



### DAYLIGHT HARVESTING / -OC

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 meets target 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 + ∞.

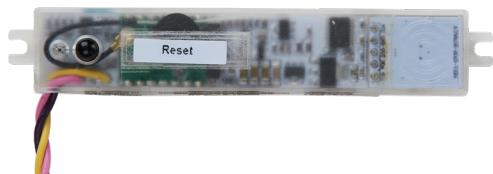






## SILVAIR-READY BLUETOOTH MICROWAVE OCCUPANCY SENSOR

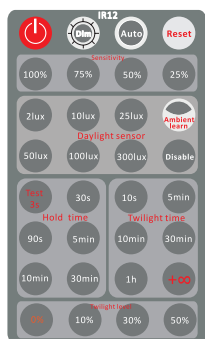
ADDING **-OCBT** TO THE LBI MAX PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



### ATTRIBUTES

<b>DETECTION TECHNOLOGY</b>	MICROWAVE
<b>DETECTION TYPE</b>	OCCUPANCY / VACANCY
<b>SENSOR POWER</b>	12VDC
<b>GROUPABLE</b>	YES
<b>NETWORK LIGHTING CONTROL</b>	YES
<b>COMMISSIONING METHOD</b>	SILVAIR APP + IR REMOTE FOR RANGE SETTING
<b>REMOTE</b>	IR 12
<b>DAYLIGHT HARVESTING</b>	YES
<b>HI OR LOW TRIM</b>	YES
<b>BI-LEVEL DIMMING</b>	YES
<b>NETWORK TECHNOLOGY</b>	BLUETOOTH
<b>INSTALLATION TYPE</b>	INTERNAL
<b>DLC LISTED</b>	YES + DLC NLC
<b>CONTROL CAPACITY</b>	10 FIXTURES

### IR12 REMOTE

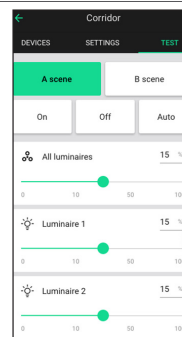


IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

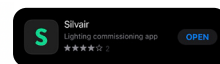


FOR MORE INFO SCAN ABOVE

### SILVAIR APP



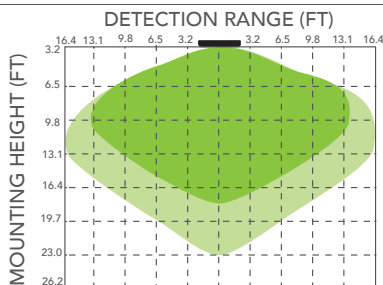
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



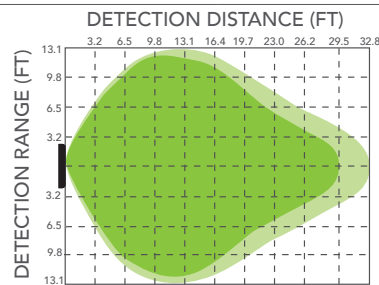
FOR MORE INFO SCAN ABOVE OR SEE PG. 9

### DETECTION PATTERN / -OCBT

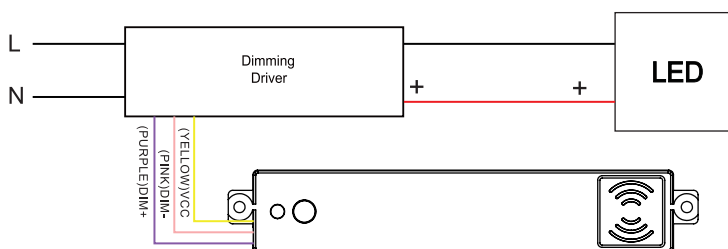
#### CEILING MOUNTING



#### WALL MOUNTING



### WIRING DIAGRAM / -OCBT





SILVAIR-READY BLUETOOTH NODE W/ EXTERNAL ANTENNA

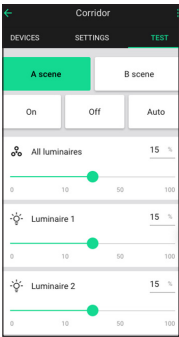
ADDING **-BT** TO THE LBI MAX PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP ON ROBUST BLUETOOTH MESH. CAN BE PAIRED WITH A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE COST SAVINGS.



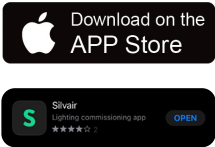
ATTRIBUTES

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

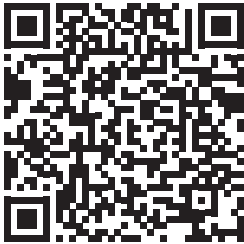
SILVAIR APP



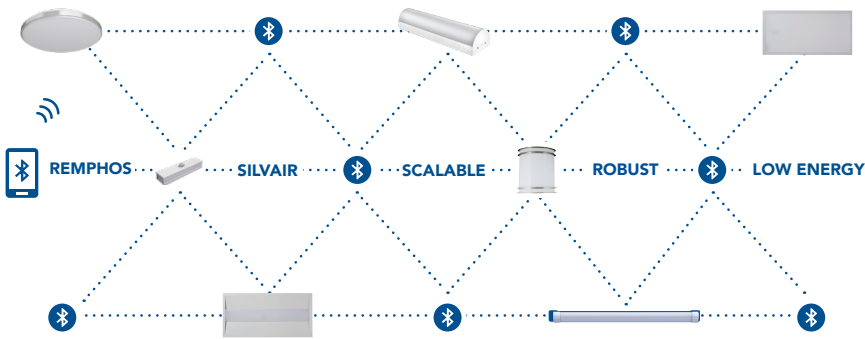
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 9



# RemPhos SILVAIR APP + COMMISSIONING OVERVIEW



## WHAT IS SILVAIR?

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

## HOW DOES IT CONNECT?

Sil vair can be set up in advance through the cloud and the Sil vair 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.silvair.com](https://platform.silvair.com)

