



PART # \_\_\_\_\_

JOB NAME \_\_\_\_\_

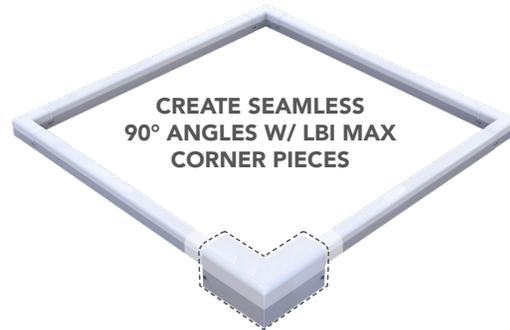
TYPE \_\_\_\_\_



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



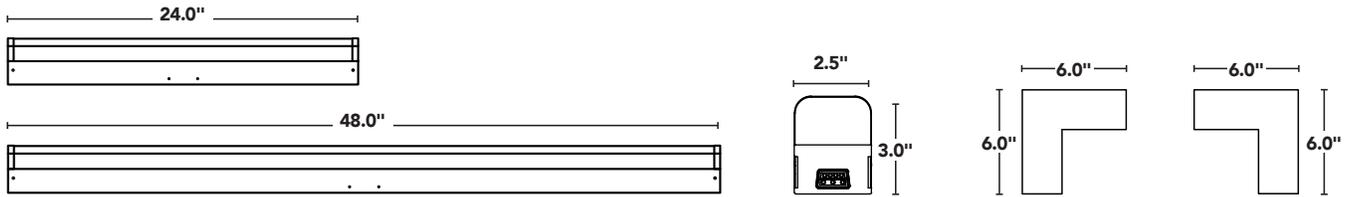
PART #	UPC	DESCRIPTION	LUMENS	WATTAGE	CCT
RP-LBIMAX-2F-25W-40K-WC	844006091187	2 FT LINKABLE LINEAR STRIP	1950-3900	FLEXWATT 15W/20W/ <b>25W</b> /30W	FLEXCOLOR 3000K/3500K <b>4000K</b> /5000K
RP-LBIMAX-4F-48W-40K-WC	844006085551	4 FT LINKABLE LINEAR STRIP	3997-6365	FLEXWATT 30W/35W/40W/ <b>48W</b>	
RP-LBIMAX-LR-16W-40K-WC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

DEFAULT WATTAGE AND CCT ARE SHOWN IN BOLD.





## DIMENSIONS



## PART NUMBER BUILDER

MFR	PRODUCT	LENGTH	WATTAGE	CCT	FUNCTION	SENSOR	EMG
RP	LBIMAX			40K	WC		
		2F ..... 4F .....	25W 48W	40K = 4000K	WC = FLEXWATT + FLEXCOLOR	-OC -OCBT -BT	EM1 = EMERGENCY BATTERY BACKUP

EXAMPLE PART NUMBER RP-LBIMAX-4F-48W-40K-WC-OC-EM1

FACTORY SHIPS 2 FT AT 25W/4000K, AND 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 AND  
DAYLIGHT HARVESTING OCCUPANCY SENSOR  
IR12 REMOTE & SILVAIR APP



IR REMOTE SETS SENSOR RANGE ONLY

#### -BT

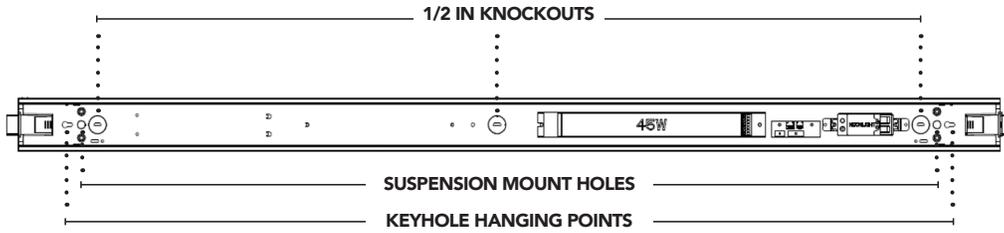
SILVAIR-READY BLUETOOTH  
NODE W/ EXTERNAL ANTENNA  
SILVAIR APP



Light Efficient Design/RemPhos has partnered with 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.

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



### 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	



URNS ON WHEN POWER GOES OFF



90 MIN RUN TIME



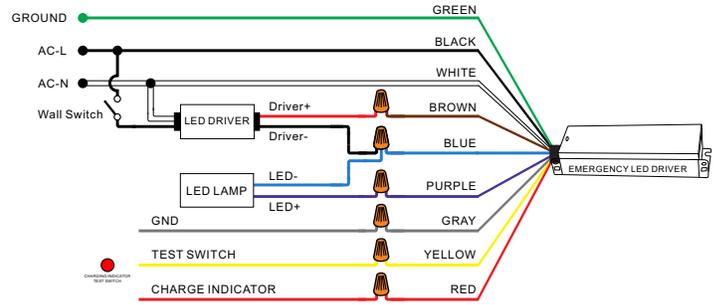
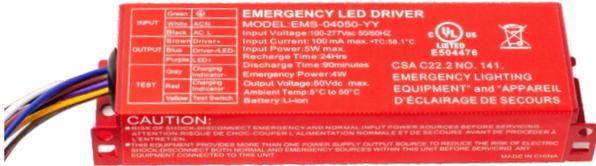
41°F TO 122°F  
OPERATING TEMP



OPTIONAL EMG  
BATTERY BACKUP

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-P19VU7			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-VOUDIQ	●	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		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		DIRECT LINEAR AMBIENT LUMINAIRES		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		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		RETROFIT KITS DIRECT LINEAR AMBIENT LUMINAIRES		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

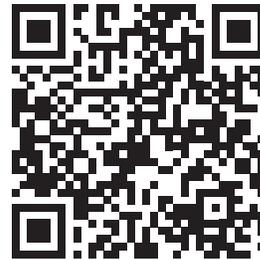
<b>DETECTION TECHNOLOGY</b>	MICROWAVE
<b>DETECTION TYPE</b>	OCCUPANCY
<b>SENSOR POWER</b>	12VDC
<b>GROUPABLE</b>	NO
<b>NETWORK LIGHTING CONTROL</b>	NO
<b>COMMISSIONING METHOD</b>	IR REMOTE
<b>REMOTE</b>	IR12
<b>DAYLIGHT HARVESTING</b>	YES
<b>HI OR LOW TRIM</b>	NO
<b>BI-LEVEL DIMMING</b>	YES
<b>NETWORK TECHNOLOGY</b>	NONE
<b>INSTALLATION TYPE</b>	INTERNAL
<b>DLC LISTED</b>	YES
<b>CONTROL CAPACITY</b>	10 FIXTURES

### IR12 REMOTE



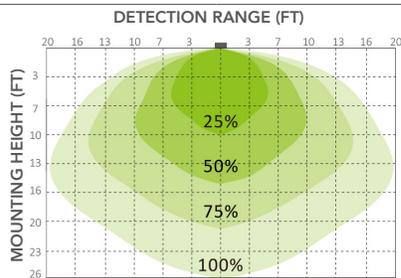
- Permanent ON/OFF Function
- Dim +/-
- Sensor Mode
- Reset Function
- Ambient Learn
- Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

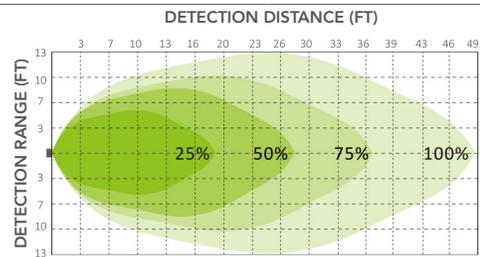


### DETECTION PATTERN / -OC

#### CEILING MOUNTING



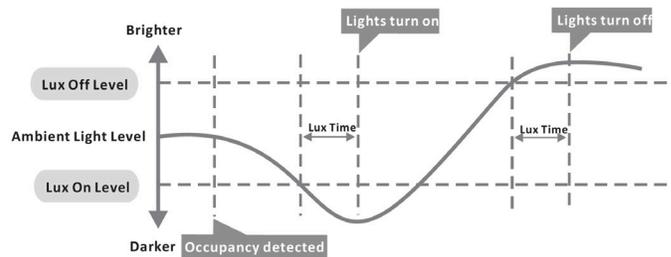
#### WALL MOUNTING



### 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 AND DAYLIGHT HARVESTING 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>	SILVAIR BLUETOOTH MESH
<b>INSTALLATION TYPE</b>	INTERNAL
<b>DLC LISTED</b>	YES + DLC NLC
<b>CONTROL CAPACITY</b>	10 FIXTURES

### IR12 REMOTE

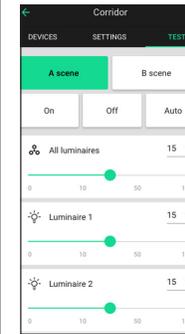


IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

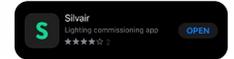


FOR MORE INFO SCAN ABOVE

### SILVAIR APP



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

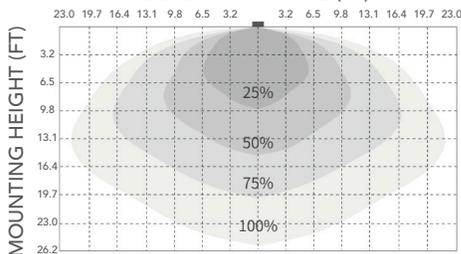


FOR MORE INFO SCAN ABOVE

### DETECTION PATTERN / -OCBT

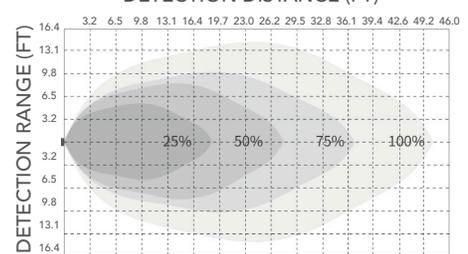
#### CEILING MOUNTING

##### DETECTION RANGE (FT)

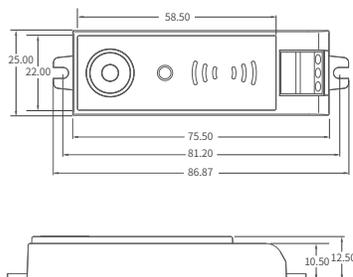


#### WALL MOUNTING

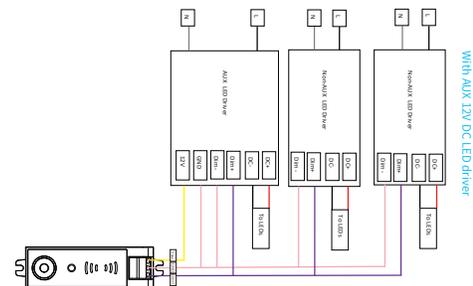
##### DETECTION DISTANCE (FT)



### DIMENSIONS / -OCBT



### 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.



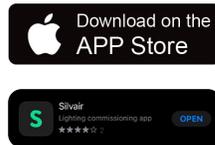
### ATTRIBUTES

<b>DETECTION TECHNOLOGY</b>	NONE
<b>DETECTION TYPE</b>	NONE
<b>SENSOR POWER</b>	12VDC
<b>GROUPABLE</b>	YES
<b>NETWORK LIGHTING CONTROL</b>	YES
<b>COMISSIONING METHOD</b>	NONE
<b>REMOTE</b>	SILVAIR APP
<b>DAYLIGHT HARVESTING</b>	NO
<b>HI OR LOW TRIM</b>	YES
<b>BI-LEVEL DIMMING</b>	NO
<b>NETWORK TECHNOLOGY</b>	BLUETOOTH
<b>INSTALLATION TYPE</b>	INTERNAL
<b>DLC LISTED</b>	YES + DLC NLC

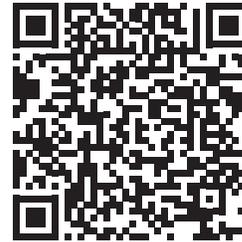
### SILVAIR APP

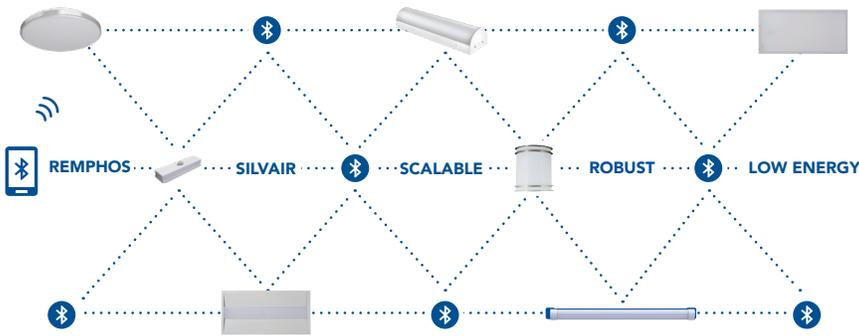


SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW





## WHAT IS SILVAIR?

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

## HOW DOES IT CONNECT?

Silvaair can be set up in advance through the cloud and the Silvaair 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.silvaair.com](http://platform.silvaair.com)

