

PART # _____

JOB NAME _____

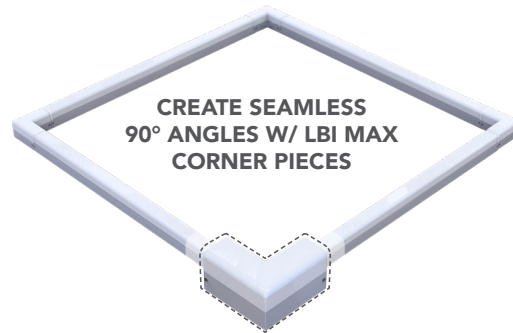
TYPE _____



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**

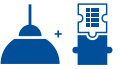
SUPERFLEX SWITCH BETWEEN
4 WATTAGES & 4 CCTS



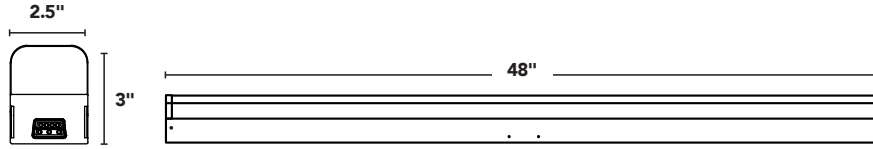
PART #	UPC	DESCRIPTION	LUMENS	WATTAGE	CCT
RP-LBIMAX-2F-25W-40K-WC	844006091187	2 FT LINKABLE LINEAR STRIP	1950-3900	FLEXWATT 15W/20W/ 25W /30W	FLEXCOLOR 3000K/3500K 4000K /5000K
RP-LBIMAX-4F-48W-40K-WC	844006085551	4 FT LINKABLE LINEAR STRIP	3997-6365	FLEXWATT 30W/35W/40W/ 48W	
RP-LBIMAX-LR-16W-40K-WC	844006092382	RIGHT-TURN 90° CORNER	910-2080	FLEXWATT 7W/10W/ 13W /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	EM
RP	LBIMAX			40K = 4000K	WC		
		2 F	25W		WC = WATTAGE + COLOR SELECTABLE	OC = MICROWAVE OCCUPANCY SENSOR OCBT = BLUETOOTH MICROWAVE OCCUPANCY SENSOR BT = BLUETOOTH CONTROL NODE	EM1 = EMERGENCY BATTERY BACKUP
		4 F	48W				

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

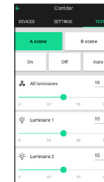
SILVAIR-READY BLUETOOTH
MICROWAVE OCCUPANCY SENSOR
IR12 REMOTE & SILVAIR APP



IR REMOTE SETS SENSOR RANGE ONLY

-BT

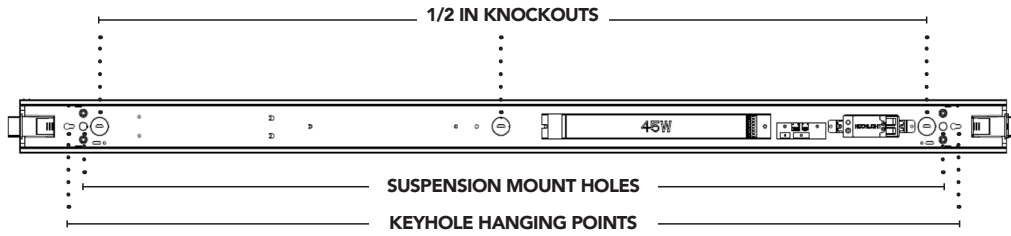
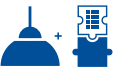
SILVAIR-READY BLUETOOTH
NODE W/ EXTERNAL ANTENNA
SILVAIR APP



Light Efficient Design/RemPhos has partnered with Silvaair to offer fixtures & retrofits w/ a wireless Bluetooth-mesh eco-system. Silvaair is listed on the DLC NLC QPL certified to Technical Requirements Version 5.1. Our Silvaair 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	LINKING CABLES
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	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 PLUG IN THE INCOMING POWER CABLE INTO FIXTURE OR JUNCTION BOX	
RP-LBI-G1-IP-90DEG-12F-DIM	12 FT 90° DEGREE INCOMING POWER CABLE	
RP-LBIMAX-LR-16W-40K-WC	RIGHT-TURN 90° DEGREE CORNER CORNERS ARE FLEXCOLOR, DEFAULT 4000K	
RP-LBIMAX-LL-16W-40K-WC	LEFT-TURN 90° DEGREE CORNER CORNERS ARE FLEXCOLOR, DEFAULT 4000K	
		<p>USE FOUR OF THE SAME DIRECTION CORNERS TO CREATE A SQUARE CORNERS ILLUMINATE WHEN CONNECTED TO LBI MAX OR INCOMING POWER</p>



URNS ON WHEN POWER GOES OFF



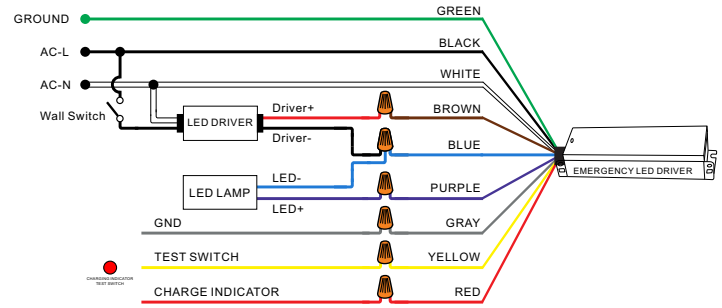
41°F TO 122°F
OPERATING TEMP



OPTIONAL EMG
BATTERY BACKUP

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

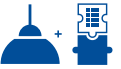
EMG WIRING DIAGRAM



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-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-U0654R			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			●	RETROFIT KITS FOR LOW BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/40/50K
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
RP-LBIMAX-4F-40W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-J68VOC			●	LOW BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/40/50K
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
RP-LBIMAX-4F-48W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-C85PZD			●	RETROFIT KITS FOR LOW BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/40/50K
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

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-FX915H		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-FR213Q		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-I58R03	●	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		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

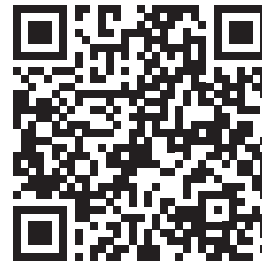
DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMMISSIONING METHOD	IR REMOTE
REMOTE	IR12
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES
CONTROL CAPACITY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

IR12 REMOTE



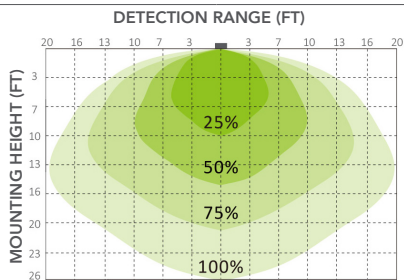
- Permanent ON/OFF Function
- Dim+/-
- Sensor Mode
- Reset Function
- Ambient Learn
- Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

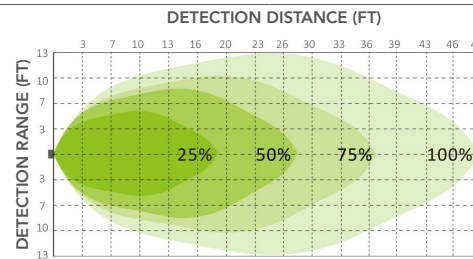


DETECTION PATTERN / -OC

CEILING MOUNTING



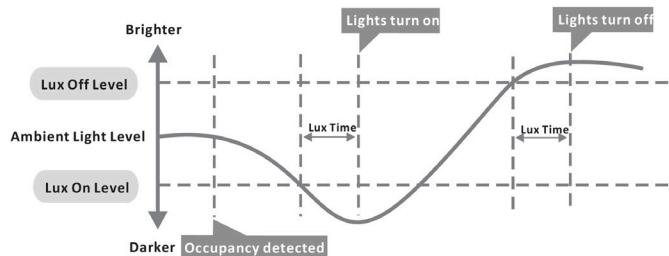
WALL MOUNTING



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 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

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY / VACANCY
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMMISSIONING METHOD	SILVAIR APP + IR REMOTE FOR RANGE SETTING
REMOTE	IR 12
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	10 FIXTURES

IR12 REMOTE

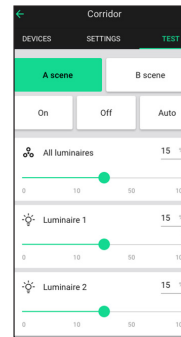


IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

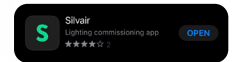


FOR MORE INFO SCAN ABOVE

SILVAIR APP



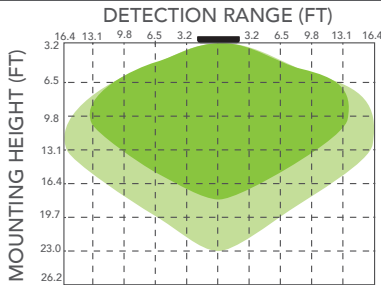
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



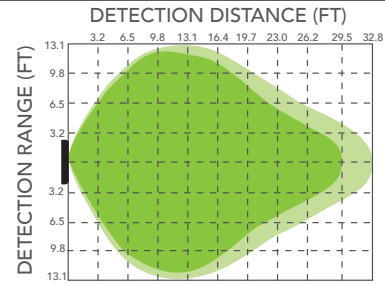
FOR MORE INFO SCAN ABOVE OR SEE PG. 9

DETECTION PATTERN / -OCBT

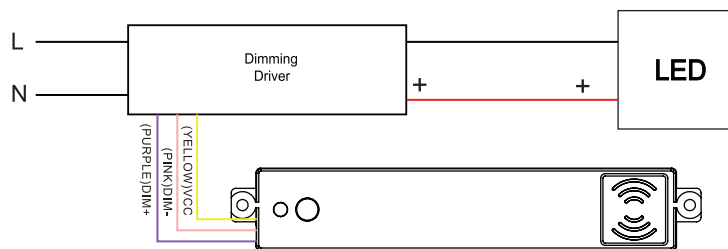
CEILING MOUNTING



WALL MOUNTING



WIRING DIAGRAM / -OCBT



SILVAIR-READY BLUETOOTH NODE W/ EXTERNAL ANTENNA

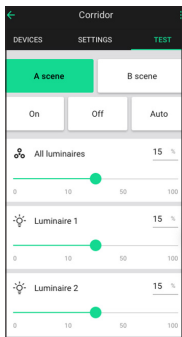
ADDING **-BT** TO THE LBI MAX PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP ON ROBUST BLUETOOTH MESH. CAN BE PAIRED WITH A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE COST SAVINGS.



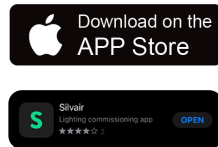
ATTRIBUTES

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

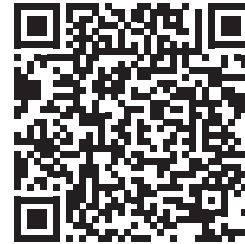
SILVAIR APP



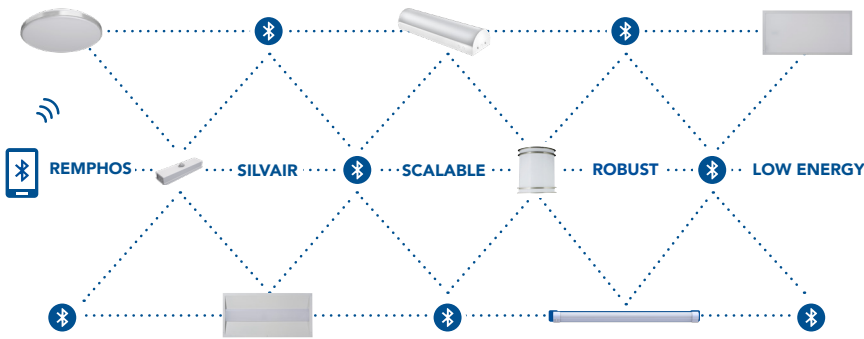
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



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



RemPhos SILVAIR APP + COMMISSIONING OVERVIEW



WHAT IS SILVAIR?

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

