



PART #

JOB NAME

TYPE



The LBI MAX is a linkable linear fixture or retrofit kit available in 2' and 4' configurations. Equipped with SuperFLEX adjustability to select the ideal watt and color temp to address every application. The LBI MAX is the perfect luminaire for commercial, retail, manufacturing, warehouse, and display applications.

- Easily adjust between 4 CCTs and 4 wattages via switches inside the unit.
- Link up to 20 units together @ 120VAC, or up to 40 units @ 277VAC.
- Works with all LBI wiring accessories.
- Seamless connectors allow multiple units to run on a single power source.
- Can be surface mounted to a wall or ceiling as well as suspension mounted with included v-hooks.
- Additional mounting options available — pendant mount, aircraft cable, as well as in-line linking brackets.
- Optional internal emergency battery backup available.
- **SIMPLE & NETWORK LIGHTING CONTROL** (see pg. 2 & 6-10)

SUPERFLEX SWITCH BETWEEN
4 WATTAGES & 6 CCTS



120-277V



0-10V



PART #	UPC	LENGTH	DESCRIPTION	LUMENS @ 4000K	WATTAGE	CCT
RP-LBIMAX-2F-25W-40K-WC	844006091187	2'	2' WATTAGE AND COLOR SELECTABLE LINKABLE LINEAR STRIP	200/2600/ 3300/3900	15/20/25/30	3000K/3500K/ 4000K/5000K
RP-LBIMAX-4F-48W-40K-WC	844006085551	4'	4' WATTAGE AND COLOR SELECTABLE LINKABLE LINEAR STRIP	400/4700/ 5400/6400	30/35/40/48	

*FOR MORE DLC INFORMATION, SEE PAGE 5





DIMENSIONS



PART NUMBER BUILDER

MFR	PRODUCT	LENGTH (FT)/WATTAGE	COLOR	FUNCTION	SENSOR	EM
RP	LBIMAX		40K = 4000K	WC		
		2F-25W 4F-48W		WC = WATTAGE + COLOR SELECTABLE	OCC = MICROWAVE MOTION SENSOR OCBT = NLC MICROWAVE MOTION SENSOR BT = BLUETOOTH LOW ENERGY CONTROL NODE	EM1 = EMERGENCY BATTERY BACKUP
EXAMPLE PART NUMBER						
RP-LBIMAX-4F-48W-40K-WC-OC-EM1				FACTORY SHIPS 2' AT 30W & 4000K, AND THE 4' AT 48W & 4000K		

CONTROL OPTIONS

SIMPLE LIGHTING CONTROL



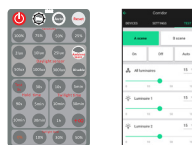
-OCC
MICROWAVE MOTION SENSOR
(STANDARD)
IR12 REMOTE



NETWORK LIGHTING CONTROLS

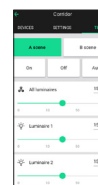


-OCBT
NETWORK LIGHTING CONTROL
NODE + MICROWAVE MOTION
& DAYLIGHT SENSOR
IR12 REMOTE & SILVAIR APP



IR REMOTE SETS SENSOR RANGE ONLY

-BT
NETWORK LIGHTING
CONTROL NODE
SILVAIR APP



Light Efficient Design/RemPhos has partnered with Silvar to offer a wireless Bluetooth-mesh eco-system fixture integral control. 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

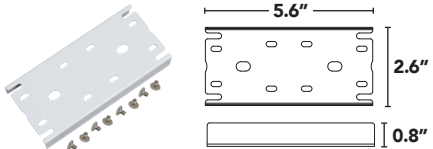
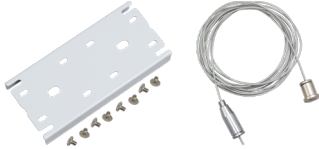
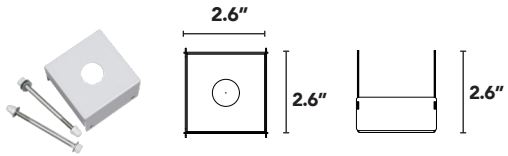
SIZE	120V	208V	240V	277V
2FT	28 UNITS	40 UNITS	40 UNITS	40 UNITS
4FT	20 UNITS	30 UNITS	35 UNITS	40 UNITS



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 (DIMMABLE SEAMLESS CONNECTOR INCLUDED)	
RP-LBIMAX-SIL-KIT-2P	SUSPENSION KIT	
RP-LBIMAX-PM-KIT	PENDANT MOUNT KIT	
RP-LBI-SSC-DIM-10P RP-LBI-SSC-NODIM-10P	SEEMLESS 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' INCOMING POWER KIT INCOMING POWER CABLE / PIGTAIL + SERVICE DISCONNECT W/ ABRASION PROTECTION GROMMET USED TO HARD WIRE 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' AND 7' LENGTHS AVAILABLE PLUG-IN THE INCOMING POWER CABLE INTO FIXTURE OR JUNCTION BOX.	
RP-LBI-G1-IP-90DEG-12F-DIM	12' 90-DEGREE INCOMING POWER CABLE	
RP-LBIMAX-LR-16W-40K-WC	RIGHT TURN 90-DEGREE CORNER	
RP-LBIMAX-LL-16W-40K-WC	LEFT TURN 90-DEGREE CORNER	



MID OUTPUT

PART #	DLC CODE	DLC LEVEL	PRIMARY USE	COLOR	WATTAGE	LUMENS
RP-LBIMAX-4F-30W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-H2PYAV	PREMIUM	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 LEVEL	PRIMARY USE	COLOR	WATTAGE	LUMENS
RP-LBIMAX-4F-30W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-CMDIGX	PREMIUM	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	STANDARD	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	PREMIUM	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	STANDARD	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	PREMIUM	RETROFIT KITS FOR LOW-BAY LUMINAIRES COMMERCIAL & INDUSTRIAL BUILDINGS	30/35/ 40 /50K		6300

LINEAR AMBIENT

PART #	DLC CODE	DLC LEVEL	PRIMARY USE	COLOR	WATTAGE	LUMENS
RP-LBIMAX-4F-30W-XXK-[WC,C]-[HV,Blank]-[OC,OCRF,BT,Blank]-[EM1,Blank]-[BAA,AA,Blank]	S-AI6R08	STANDARD	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			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-MD2ROU		RETROFIT KITS DIRECT LINEAR AMBIENT LUMINAIRES	30/35/ 40 /50K		6400



ADDING **-OCC** TO THE LBI MAX PART NUMBER UPGRADES THE FIXTURE WITH A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A MICROWAVE MOTION SENSOR. IT ALSO COMES EQUIPPED WITH 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

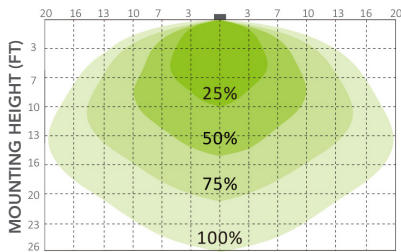
FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW



DETECTION PATTERN / OCC

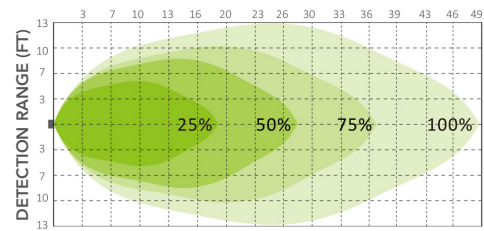
CEILING MOUNTING

DETECTION RANGE (FT)



WALL MOUNTING

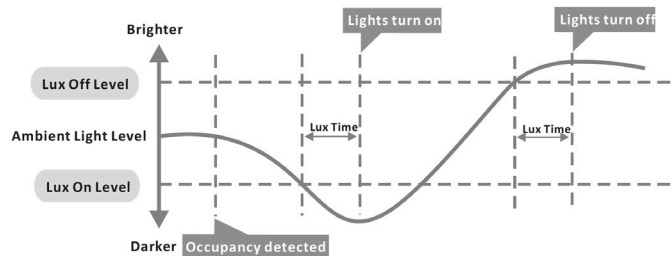
DETECTION DISTANCE (FT)



DAYLIGHT HARVESTING / OCC

Sensor detects the difference between natural light and artificial light (lamp) from behind the diffuser, switch on automatically (even without 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 + ∞.





ADDING **-OCBT** TO THE LBI MAX PART NUMBER UPGRADES THE FIXTURE WITH 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.

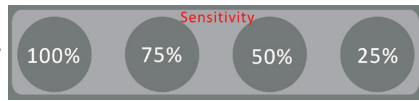


ATTRIBUTES

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

*SEE PAGE 10 FOR MORE INFORMATION ON SILVAIR APP

IR12 REMOTE

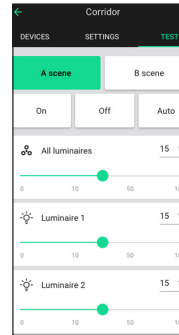


IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

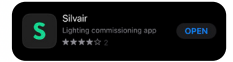


FOR MORE INFO SCAN ABOVE

SILVAIR APP



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

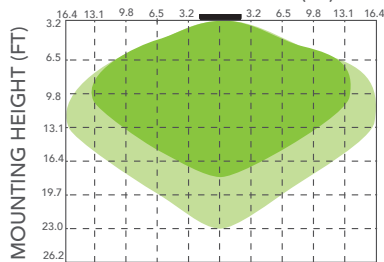


FOR MORE INFO SCAN ABOVE OR SEE PG. 10

DETECTION PATTERN / OCBT

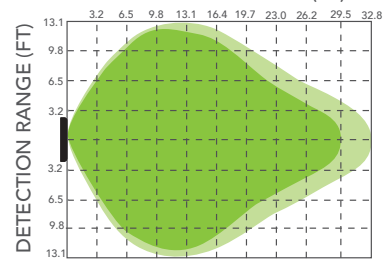
CEILING MOUNTING

DETECTION RANGE (FT)

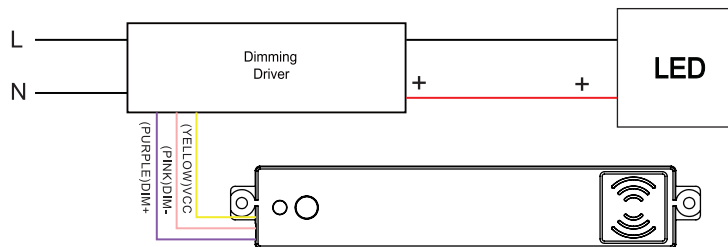


WALL MOUNTING

DETECTION DISTANCE (FT)



WIRING DIAGRAM / OCBT





ADDING **-BT** TO THE LBI MAX PART NUMBER UPGRADES THE FIXTURE WITH 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.

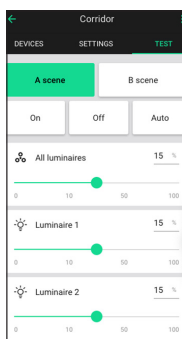


ATTRIBUTES

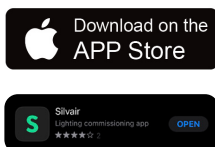
DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMMISSIONING METHOD	NONE
REMOTE	SILVAIR APP*
DAYLIGHT HARVESTING	NO
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	NO
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC

*SEE PAGE 10 FOR MORE INFORMATION ON SILVAIR APP

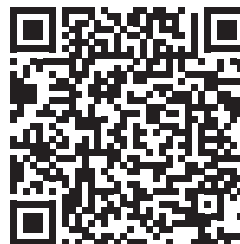
SILVAIR APP

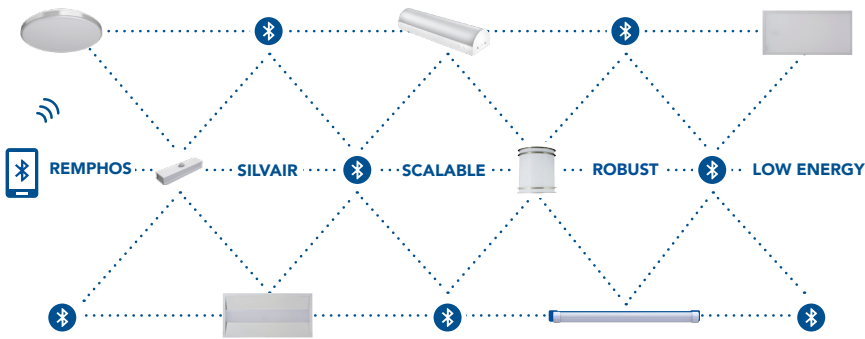


SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 10





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

