



PART #

JOB NAME

TYPE



Up to 146 lumens per watt, the Linkable Bar / Internal Driver (LBI) is the perfect replacement for fluorescent lamps.

- Link (30) 4 FT units together @ 120VAC or (40) 4 FT units @ 277VAC
- Perfect replacement for linear and general purpose strips, troffers, vapor tight fixtures, low and high bay fixtures, cove lighting, stairwells, and much more
- Many accessories allow for the LBI to be mounted in a variety of applications
- You have a choice between **SIMPLE** or **NETWORK LIGHTING CONTROL** systems

SUPERFLEX
SWITCH BETWEEN 3 WATTAGES & 3 CCTS



120-277V FOR CANADA ONLY



EFFICACY (LIGHT ENGINE)



PWR FACTOR/THD



CRI (UNLESS NOTED)



SENSOR READY



OPTIONAL SIMPLE OCC



BEAM ANGLE



OPTIONAL EMG BATTERY BACKUP



OPERATING TEMP

PART #	UPC	DESCRIPTION	LUMENS	WATTAGE	CCT
RP-LBI-G1-2F-6W-40K-WC	844006023867	2 FT INTERNAL DRIVE LIGHT BAR	780-1560	FLEXWATT 6W/9W/12W	FLEXCOLOR 3500K/ 4000K /5000K
RP-LBI-G1-2F-6W-27K-WC2	844006024826		696-1524		FLEXCOLOR 2700K /3000K/3500K
RP-LBI-G1-3F-10W-40K-WC	844006023959	3 FT INTERNAL DRIVE LIGHT BAR	1400-2100	FLEXWATT 10W/12W/15W	FLEXCOLOR 3500K/ 4000K /5000K
RP-LBI-G1-3F-10W-27K-WC2	844006024833		1270-1980		FLEXCOLOR 2700K /3000K/3500K
RP-LBI-G1-4F-15W-40K-WC	844006024079	4 FT INTERNAL DRIVE LIGHT BAR	1462-3653	FLEXWATT 10W/ 15W /25W	FLEXCOLOR 3500K/ 4000K /5000K
RP-LBI-G1-4F-15W-27K-WC2	844006024840		1260-3400		FLEXCOLOR 2700K /3000K/3500K

POPULAR ACCESSORIES (SOLD SEPARATELY)

					
EMG BATTERY BACKUP	LINKING CABLES	SEAMLESS CONNECTOR	OC2 SENSOR KIT	SUSPENDED IN-LINE BRACKET KIT	INCOMING POWER KIT

DEFAULT WATTAGE AND CCT ARE SHOWN IN BOLD



UL 1598 LISTED FIXTURE

UL 1598C LISTED RETROFIT KIT

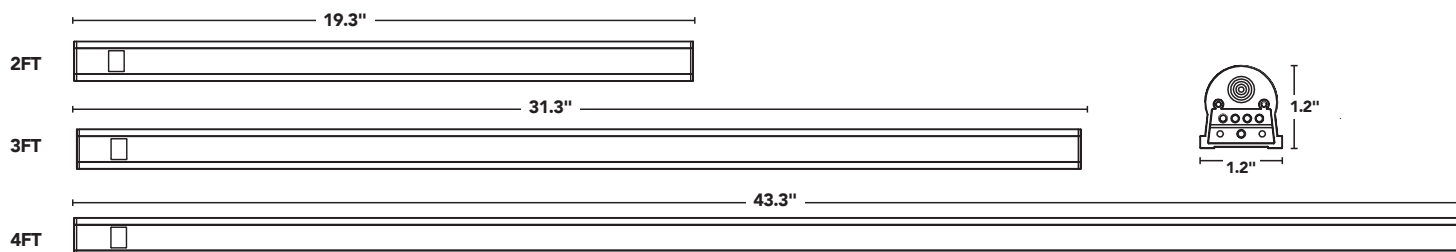
CLASS A

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

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

08.07.25 Information is subject to change without notice.

Light Efficient Design



PART NUMBER BUILDER

MFR	PRODUCT	GENERATION	LENGTH	WATTAGE	CCT	FUNCTION
RP	LBI	G1				
			2F	6W	40K = 4000K	WC = STANDARD COLOR TEMPERATURES
			3F	10W	27K = 2700K	WC2 = WARM COLOR TEMPERATURES
			4F	15W		

EXAMPLE PART NUMBER RP-LBI-G1-2F-6W-40K-WC

CONTROL OPTIONS

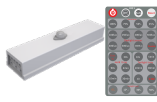
SIMPLE LIGHTING CONTROLS



RP-LBI-OC2-A/RP-LBI-OC3-A
IN-LINE MICROWAVE AND
DAYLIGHT HARVESTING
OCCUPANCY SENSOR
IR11 REMOTE



RP-LBI-PIR-A
IN-LINE PASSIVE INFRARED
OCCUPANCY SENSOR
IR11 REMOTE



CANNOT BE INSTALLED BEHIND LENS

RP-LBI-BLE-A
IN-LINE SILVAIR-READY
BLUETOOTH CONTROL NODE
SILVAIR APP



NETWORK LIGHTING CONTROLS



RP-LBI-BLE-PIR-A
IN-LINE SILVAIR-READY
BLUETOOTH CONTROL NODE
W/ PASSIVE INFRARED
OCCUPANCY SENSOR
SILVAIR APP



RP-LBI-BLE-OC
IN-LINE SILVAIR-READY
BLUETOOTH MICROWAVE
OCCUPANCY 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

FLEXWATT LUMENS @ 3500K

SIZE	POSITION 1	POSITION 2	POSITION 3
2 FT	6W (706LM)	9W (1063LM)	12W (1419LM)
3 FT	10W (1335LM)	12W (1648LM)	15W (1961LM)
4 FT	10W (1344LM)	15W (2255LM)	25W (3166LM)

FLEXCOLOR SWITCH POSITION

COLOR TEMPS	POSITION 1	POSITION 2	POSITION 3
WARM (WC2)	2700K	3000K	3500K
STANDARD (WC)	3500K	4000K	5000K



9 SKUs in 1 WITH FLEXWATT™ & FLEXCOLOR™ TECHNOLOGY



	PW1	PW2	PW3
2FT	6W	9W	12W
3FT	10W	12W	15W
4FT	10W	15W	25W

- Eliminate ordering and stocking multiple wattages and color temperatures. Product offers 9 SKUs in 1 unit which can easily be configured to 3 different wattage packages and 3 different CCTs.



3500K	3500°K NEUTRAL	2700K	2700°K SOFT
4000K	4000°K NATURAL	3000K	3000°K WARM
5000K	5000°K COOL	3500K	3500°K NEUTRAL

WC= STANDARD COLOR TEMPERATURES WC2= WARM COLOR TEMPERATURES

- 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)

UP TO 146 LUMENS PER WATT EFFICACY

10 YEAR WARRANTY, L70 >100,000HRS

OPTIONAL REMOTE EMERGENCY BATTERY BACKUP



LINEAR AMBIENT (DIRECT LINEAR AMBIENT LUMINAIRES)

	PART #	DLC CODE	DLC	# OF BARS	WATTAGE / BAR	CCT	TOTAL WATTAGE	TOTAL LUMENS
2 FT	RP-LBI-G1-2F-6W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-E4YHPK	●	1	6	35/40/50K	6	706
	RP-LBI-G1-2F-6W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-KI9ETC	●	1	6	27/30/35K	6	682
	RP-LBI-G1-2F-9W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-2WQ4GZ	●	1	9	35/40/50K	9	1062
	RP-LBI-G1-2F-9W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-D5AI27	●	1	9	27/30/35K	9	1038
	RP-LBI-G1-2F-12W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-5O1BQT	●	1	12	35/40/50K	12	1419
	RP-LBI-G1-2F-12W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-0KXIM8	●	1	12	27/30/35K	12	1394
3 FT	RP-LBI-G1-3F-10W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-SAGNV4	●	1	10	35/40/50K	10	1335
	RP-LBI-G1-3F-10W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-0A3PXW	●	1	10	27/30/35K	10	1267
	RP-LBI-G1-3F-12W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-7HXUCZ	●	1	12	35/40/50K	12	1648
	RP-LBI-G1-3F-12W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-M0PSAV	●	1	12	27/30/35K	12	1554
	RP-LBI-G1-3F-15W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-B34TUJ	●	1	15	35/40/50K	15	1961
	RP-LBI-G1-3F-15W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-BVPFAT	●	1	15	27/30/35K	15	1842
4 FT	RP-LBI-G1-4F-15W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-1IZWG9	●	1	15	27/30/35K	15	2093
	RP-LBI-G1-4F-25W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-41DOBN	●	1	25	35/40/50K	25	3166
	RP-LBI-G1-4F-25W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-PACK0N	●	1	25	27/30/35K	25	2989

LINEAR AMBIENT (RETROFIT KITS FOR DIRECT LINEAR AMBIENT LUMINAIRES)

	PART #	DLC CODE	DLC	# OF BARS	WATTAGE / BAR	CCT	TOTAL WATTAGE	TOTAL LUMENS
4 FT	RP-LBI-G1-4F-10W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-12GC94	●	2	10	35/40/50K	20	2527
	RP-LBI-G1-4F-10W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-QOGLP6	●	3	10	35/40/50K	30	3758
	RP-LBI-G1-4F-10W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-4J238A	●	1	10	35/40/50K	10	1344
	RP-LBI-G1-4F-10W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-U5M1E5	●	2	10	27/30/35K	20	2514
	RP-LBI-G1-4F-10W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-5H1OJ6	●	3	10	27/30/35K	30	3692
	RP-LBI-G1-4F-10W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-WBXZKE	●	1	10	27/30/35K	10	1198
	RP-LBI-G1-4F-15W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-729LG8	●	2	15	35/40/50K	30	3762
	RP-LBI-G1-4F-15W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-6HZX92	●	3	15	35/40/50K	45	5693
	RP-LBI-G1-4F-15W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-F0N516	●	1	15	35/40/50K	15	2255
	RP-LBI-G1-4F-15W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-2NIW3X	●	2	15	27/30/35K	30	3638
	RP-LBI-G1-4F-15W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-IN462Q	●	3	15	27/30/35K	45	5631
	RP-LBI-G1-4F-25W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-86BDPE	●	2	25	35/40/50K	50	6197
	RP-LBI-G1-4F-25W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-A3LPKC	●	3	25	35/40/50K	75	9292
	RP-LBI-G1-4F-25W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-AIYC2J	●	2	25	27/30/35K	50	5988
	RP-LBI-G1-4F-25W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-6TPCOV	●	3	25	27/30/35K	75	9046

LOW-BAY (LUMINAIRES FOR COMMERCIAL AND INDUSTRIAL BUILDINGS)

	PART #	DLC CODE	DLC	# OF BARS	WATTAGE / BAR	CCT	TOTAL WATTAGE	TOTAL LUMENS
4 FT	RP-LBI-G1-4F-10W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-1QKFA4	●	2	10	35/40/50K	20	2524
	RP-LBI-G1-4F-10W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-UYKDGDP	●	2	10	27/30/35K	20	2517
	RP-LBI-G1-4F-15W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-T0UZXD	●	2	15	35/40/50K	30	3758
	RP-LBI-G1-4F-15W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-VXSNZ8	●	2	15	27/30/35K	30	3657
	RP-LBI-G1-4F-25W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-94HDWX	●	2	25	35/40/50K	50	6216
	RP-LBI-G1-4F-25W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-2xYYY	S-XDOL53	●	2	25	27/30/35K	50	6005

● STANDARD ● PREMIUM



HIGH-BAY (LUMINAIRES FOR COMMERCIAL AND INDUSTRIAL BUILDINGS)

	PART #	DLC CODE	DLC	# OF BARS	WATTAGE / BAR	CCT	TOTAL WATTAGE	TOTAL LUMENS
4FT	RP-LBI-G1-4F-10W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-ESC4J9	●	3	10	35/40/50K	30	3770
	RP-LBI-G1-4F-10W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-ISYDE5	●	3	10	27/30/35K	30	3673
	RP-LBI-G1-4F-15W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-I9MO37	●	3	15	35/40/50K	45	5695
	RP-LBI-G1-4F-15W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-0CUKAJ	●	3	15	27/30/35K	45	5660
	RP-LBI-G1-4F-25W-XXK-[WC,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-8XVKZO	●	3	25	35/40/50K	75	9300
	RP-LBI-G1-4F-25W-XXK-[WC2,W]-[HV,blank]-[Blank,OCN]-[BAA,Blank]-3xYYY	S-UGMZ8Q	●	3	25	27/30/35K	75	9149

LOW OUTPUT (STAIRWELL AND PASSAGEWAY LUMINAIRES)

	PART #	DLC CODE	DLC	# OF BARS	WATTAGE / BAR	CCT	TOTAL WATTAGE	TOTAL LUMENS
2FT	RP-LBI-G1-2F-6W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-ZW28LU	●	1	6	35/40/50K	6	706
	RP-LBI-G1-2F-9W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-9GJMU6	●	1	9	35/40/50K	9	1062
	RP-LBI-G1-2F-12W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-JZTE4V	●	1	12	35/40/50K	12	1062
	RP-LBI-G1-3F-10W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-UJEG4S	●	1	10	35/40/50K	10	1335
	RP-LBI-G1-3F-10W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-7ZCIT5	●	1	10	27/30/35K	10	1267
	RP-LBI-G1-3F-12W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-RBOCMU	●	1	12	35/40/50K	12	1648
3FT	RP-LBI-G1-3F-12W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-YZBHC	●	1	12	27/30/35K	12	1554
	RP-LBI-G1-3F-15W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-KIJ4BH	●	1	15	35/40/50K	15	1961
	RP-LBI-G1-3F-15W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-OYXUA6	●	1	15	27/30/35K	15	1842
	RP-LBI-G1-4F-10W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-YSKB98	●	1	10	35/40/50K	10	1344
	RP-LBI-G1-4F-10W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-ZD1UMN	●	1	10	27/30/35K	10	1198
	RP-LBI-G1-4F-15W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-HFJ9E4	●	1	15	35/40/50K	15	2255
4FT	RP-LBI-G1-4F-15W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-YEJMDB	●	1	15	27/30/35K	15	2093
	RP-LBI-G1-4F-25W-XXK-[WC,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-S0ODEU	●	1	25	35/40/50K	25	3166
	RP-LBI-G1-4F-25W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-VXWUK0	●	1	25	27/30/35K	25	2989

● STANDARD ● PREMIUM

LINKING QUANTITY

	120V	208V	240V	277V
4FT	30 BARS	40 BARS	40 BARS	40 BARS
3FT	40 BARS	40 BARS	40 BARS	40 BARS
2FT	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).

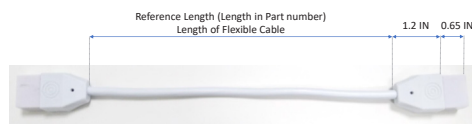
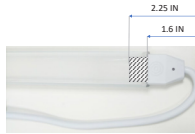
DEFAULT OCC SENSOR SETTINGS

SENSITIVITY	DAYLIGHT SENSOR	HOLD TIME	TWILIGHT TIME	TWILIGHT LEVEL
100%	DISABLED	5 MIN	+ ∞	30%



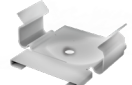
CABLES + CONNECTORS

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 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' AND 7' LENGTHS AVAILABLE PLUG IN THE INCOMING POWER CABLE INTO FIXTURE OR JUNCTION BOX.	
RP-LBI-SSC-DIM-10P RP-LBI-SSC-NODIM-10P	SEAMLESS CONNECTOR AVAILABLE FOR DIMMING AND NON-DIMMING APPLICATIONS.	
RP-LBI-SRC-4.7IN	4.7IN 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 (9.8FT), 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. 
RP-LBI-EMG2-8W-DIM RP-LBI-EMG2-25W-DIM	RP-LBI-EMG2-8W-DIM (LINKABLE UP TO THREE 4' LBI SET AT MAX WATTAGE) RP-LBI-EMG2-25W-DIM (LINKABLE UP TO EIGHT 4' LBI SET AT MAX WATTAGE) THE EMG-H SERIES LED EMERGENCY DRIVERS ARE UL LISTED FOR FACTORY OR FIELD INSTALLATION, UNRIVALED EMERGENCY SOLUTIONS FOR LED PRODUCT WITH INTERNAL DRIVER. IT ALLOWS THE SAME LED LUMINAIRE TO BE USED FOR NORMAL AND EMERGENCY OPERATION, AND WORKS IN CONJUNCTION WITH AN AC LED DRIVER THAT CONVERT NEW OR EXISTING LED FIXTURES INTO EMERGENCY LIGHTING. IT INCLUDES A LONG-LIFE, RECYCLABLE, LITHIUM BATTERY, AND IS BACKED BY A 5-YEAR WARRANTY. 



RP-LBI-EMG2-8W-DIM (LINKABLE UP TO THREE 4' LBI SET AT MAX WATTAGE)

RP-LBI-EMG2-25W-DIM (LINKABLE UP TO EIGHT 4' LBI SET AT MAX WATTAGE)

PRODUCT DESCRIPTION

The EMG-H Series LED emergency drivers are UL Listed for factory or field installation. Unrivalled emergency solutions for LED products with internal drivers. It allows the same LED luminaire to be used for normal and emergency operation and works in conjunction with an AC LED driver that converts new or existing LED fixtures into emergency lighting. It includes a long-life, recyclable, lithium battery and is backed by a 5 year warranty.

INSTALLATION

The emergency back-up will dim the connected fixtures down to a level where they will run without line voltage for 90 minutes. For fixtures that are connected to a wall dimmer the emergency back-up will override the current dim setting and provide the maximum illumination possible at the selected wattage for 90 minutes. The number of LBIs that can be connected is determined by the "maximum luminaire power load" listed for each respective back-up wattage that we offer. The Luminaire power load is referencing the amount of power the fixture(s) consume; This is selected by the FlexWatt setting of each fixture. When using multiple fixtures, the wattages are added together to get the total power load.

OPERATION

When AC power fails, the EM-H Series emergency LED driver immediately switches to the emergency mode for a minimum of 90 minutes. When AC power is restored, the emergency driver automatically returns to the charging mode.

FEATURES

- Life-long, recyclable, lithium battery
- Integration of test switch and charge indicator
- Used for exterior or interior of luminaire
- 8W version, load up to 100W or (3) 4 FT LBI w/dim control
- 25W version, load up to 300W or (8) 4 FT LBI w/ dim control

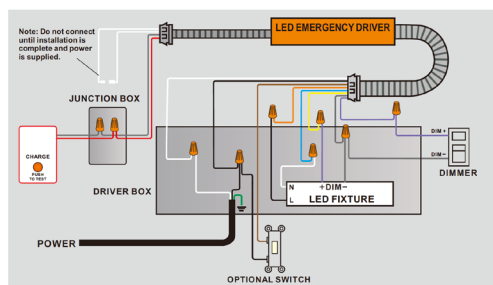
MOUNTING CONFIGURATION

Provides dual flex for wiring to both fixture or driver compartment and test accessories.



TYPICAL WIRING DIAGRAM

Must connect DIM circuit from EM unit to LBI



EM-H Series

UL LISTED LED EMERGENCY DRIVER

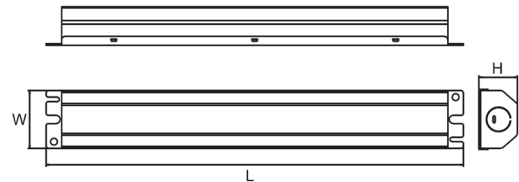
Unrivalled emergency solutions for LED Products with internal drivers



TEST LIGHT/BUTTON

DIMENSIONS

MODEL	L	W	H
RP-LBI-EMG2-8W-DIM	12.76"	2.13"	1.57"
RP-LBI-EMG2-25W-DIM	15.40"	2.13"	1.57"



RP-LBI-EMG2-8W-DIM (EM-H08170-LBF)

OUTPUT POWER

8 Watts

OUTPUT VOLTAGE

170V DC

INPUT CURRENT

70 mA (Max)

INPUT POWER

3.2 Watts (Max)

INPUT VOLATAGE

100-277VAC, 50-60Hz

EMERGENCY OPERATION

>90 Minutes

OPERATING TEMP

0° to 50°C

BATTERY

Lithium

RECHARGE

24 Hrs

LUMINAIRE LOAD POWER

100W (Max) or (3) LBI 4'

CERTIFICATES

UL , CEC

RP-LBI-EMG2-25W-DIM (EM-H25170-LBF)

OUTPUT POWER

25 Watts

OUTPUT VOLTAGE

170V DC

INPUT CURRENT

110 mA (Max)

INPUT POWER

6 Watts (Max)

INPUT VOLATAGE

120-277VAC, 50-60Hz

EMERGENCY OPERATION

>90 Minutes

OPERATING TEMP

0° to 50°C

BATTERY

Lithium

RECHARGE

36 Hrs

LUMINAIRE LOAD POWER

300W (Max) or (8) LBI 4'

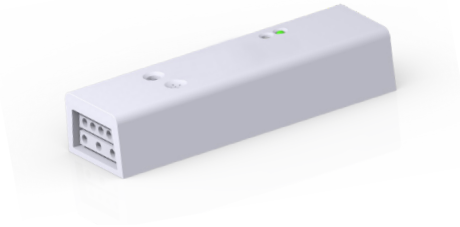
CERTIFICATES

UL , CEC



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	IR11
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

IR11 REMOTE



ON Permanent ON/OFF Function

OFF Permanent OFF

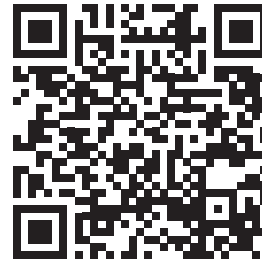
Auto Sensor Mode

Reset Reset Function

Disable Disable Daylight Sensor

Test Test Mode

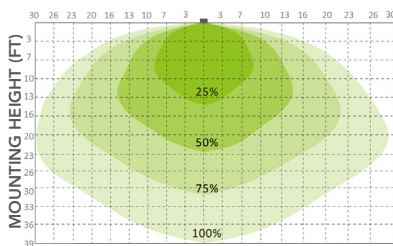
FOR MORE INFORMATION ON THE IR11 REMOTE SCAN BELOW



DETECTION PATTERN / RP-LBI-OC2-A

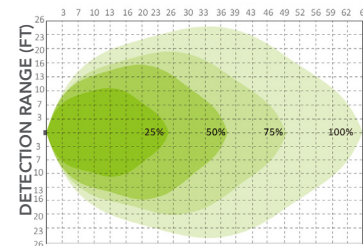
CEILING MOUNTING

DETECTION RANGE (FT)



WALL MOUNTING

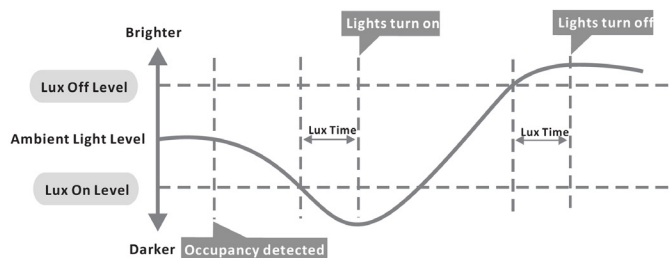
DETECTION DISTANCE (FT)



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).

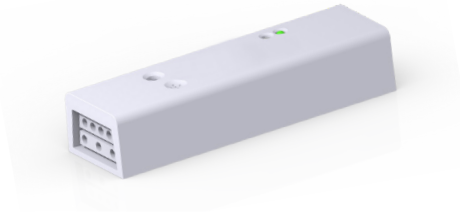
NOTE LUX-OFF SAMPLING TIME - 30S. LUX-ON SAMPLING TIME - 10S. LUX-ON FUNCTION WILL ONLY OPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.





IN-LINE MICROWAVE AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

ORDERING **RP-LBI-OC3-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	IR11
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

IR11 REMOTE



ON Permanent ON/OFF Function

OFF Permanent OFF

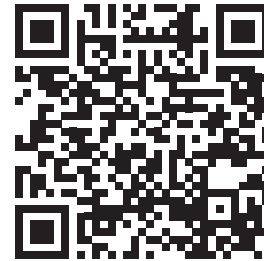
Auto Sensor Mode

Reset Reset Function

1000lux Disable Daylight Sensor

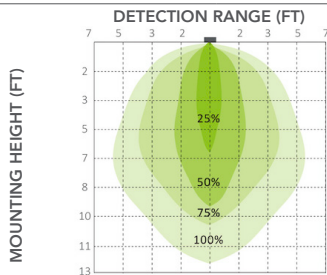
1-200 Test Mode

FOR MORE INFORMATION ON THE IR11 REMOTE SCAN BELOW

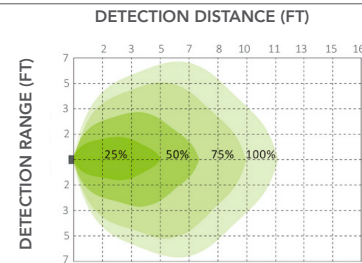


DETECTION PATTERN / RP-LBI-OC3-A

CEILING MOUNTING



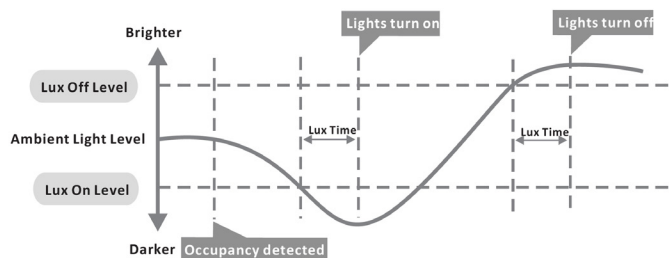
WALL MOUNTING



DAYLIGHT HARVESTING / RP-LBI-OC3-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).

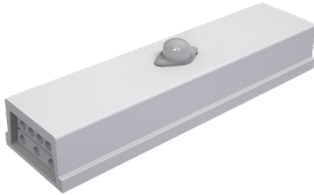
NOTE LUX-OFF SAMPLING TIME - 30S. LUX-ON SAMPLING TIME - 10S. LUX-ON FUNCTION WILL ONLY OPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.





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	IR11
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

IR11 REMOTE



ON Permanent ON/OFF Function

OFF Permanent OFF

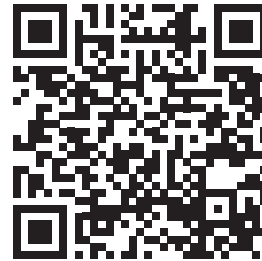
Auto Sensor Mode

Reset Reset Function

Disable Disable Daylight Sensor

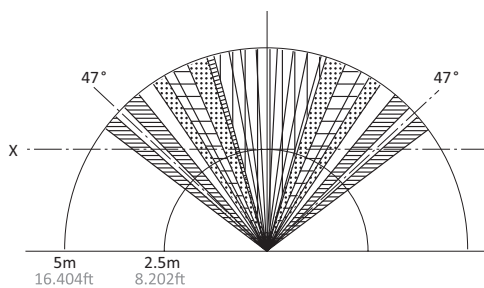
Test Test Mode

FOR MORE INFORMATION ON THE IR11 REMOTE SCAN BELOW

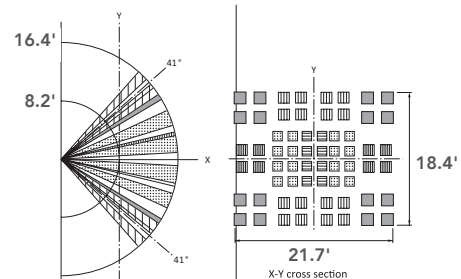


DETECTION PATTERN / RP-LBI-PIR-A

TOP VIEW



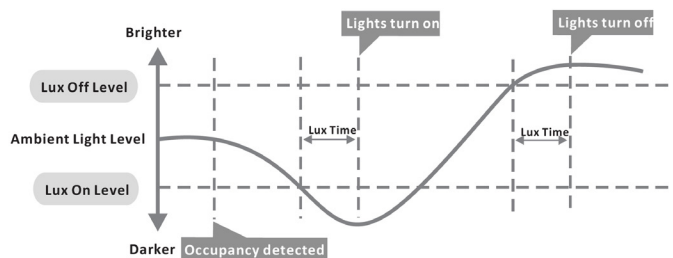
SIDE



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

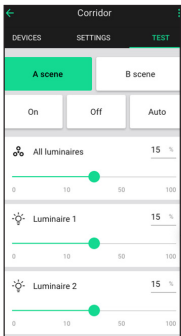
ORDERING **RP-LBI-BLE-OC**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



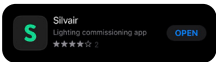
ATTRIBUTES

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

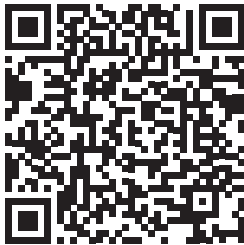
SILVAIR APP



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

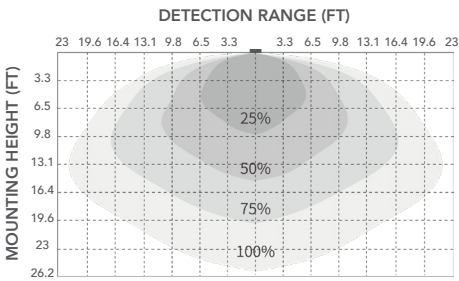


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 15

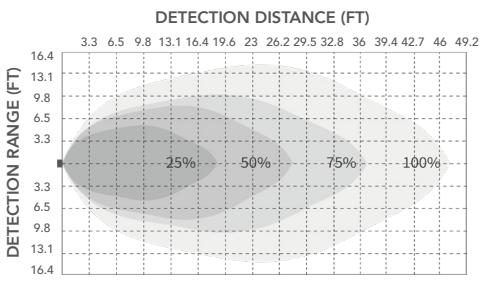


DETECTION PATTERN / RP-LBI-BLE-OC

CEILING MOUNTING



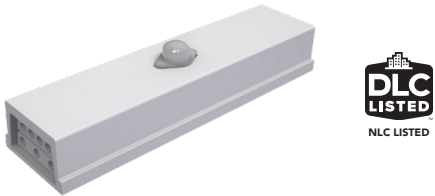
WALL MOUNTING





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

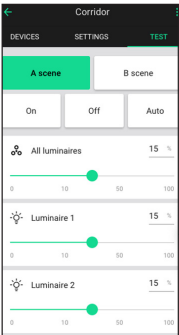
ORDERING **RP-LBI-BLE-PIR-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



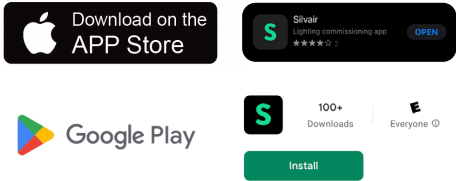
ATTRIBUTES

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

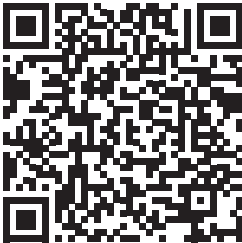
SILVAIR APP



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

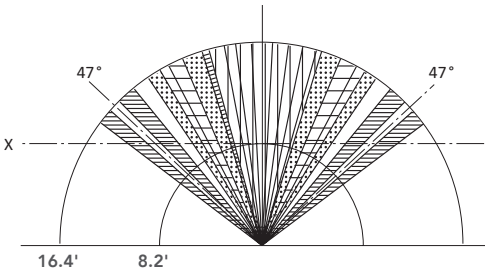


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 15

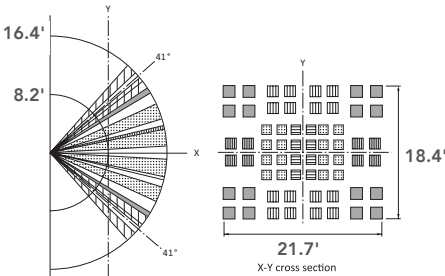


DETECTION PATTERN / RP-LBI-BLE-PIR-A

TOP VIEW



SIDE



IN-LINE SILVAIR-READY BLUETOOTH CONTROL NODE

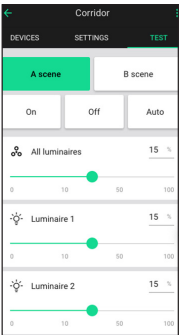
ORDERING **RP-LBI-BLE-A**, IN ADDITION TO THE LBI PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP ON ROBUST BLUETOOTH MESH. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE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



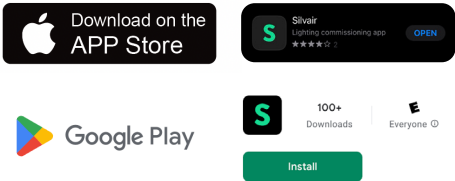
ATTRIBUTES

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

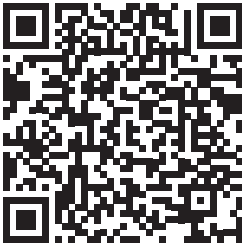
SILVAIR APP



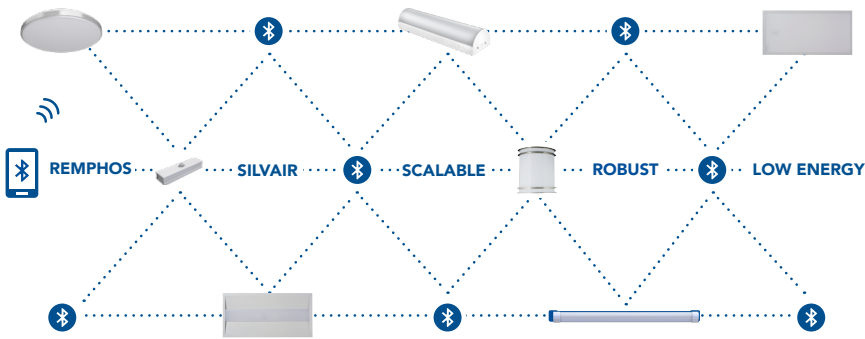
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



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



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

