RemPhos®

COVE LIGHTING / LINKABLE BAR (LBI)

UP TO 146 LUMENS PER WATT, THE LINKABLE BAR / INTERNAL DRIVER (LBI) IS THE PERFECT SOLUTION FOR COVE LIGHTING. Daisy chains for fast + easy installation, connect up to 40 (160 FT) from one power feed.* Sleek fixture w/ protective housing and control-ready for seamless integration. Choose between **SIMPLE** or **NETWORK LIGHTING CONTROL** systems.

SUPERFLEX SWITCH BETWEEN 3 WATTAGES & 3 CCTS

10 YEAR WARRANTY	**120-277V** — 120-347V FOR CANADA ONLY	**146 LPW** EFFICACY (LIGHT ENGINE)	**<20% THD, >0.9** PWR FACTOR/THD
80+ CRI (UNLESS NOTED)	**0-10V DIM TO OFF** SENSOR READY	OPTIONAL SIMPLE OCC	**120°** BEAM ANGLE
EMG OPTIONAL EMG BATTERY BACKUP	**-13°F TO 140°F** OPERATING TEMP		

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

CREATE THE PERFECT COVE...

3 FT INCOMING POWER KIT

RP-LBI-G1-IP-3F-DIM
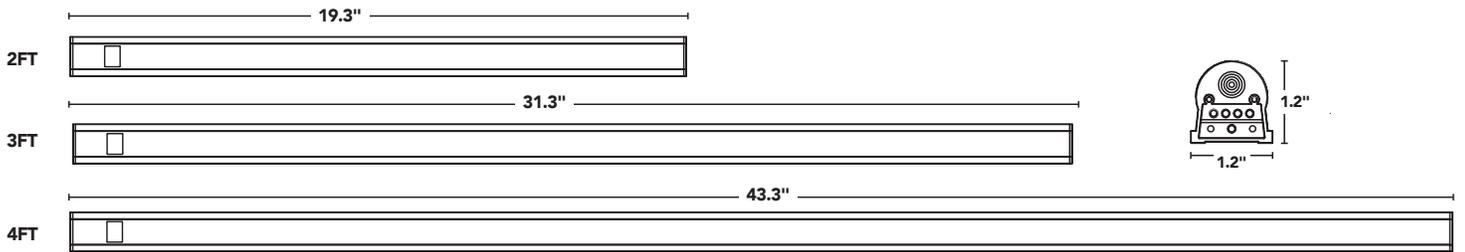INCOMING PWR CABLE / PIGTAIL + SERVICE DISCONNECT + GROMMET

MOUNTING ACCESSORIES

RP-LBI-SSC-DIM-10P + RP-LBI-LC-XXIN-DIM-10P
SEAMLESS CONNECTOR + LINKING CABLE**

PRO TiP... USE THE 45° BRACKET FOR MORE EFFICIENT LIGHT PROJECTION

* CONNECT UP TO 33 4FT UNITS TOGETHER @ 120VAC OR 40 4FT UNITS @ 277VAC.
** XX = LINKING CABLE LENGTH

UL 1598 LISTED FIXTURE · UL 1598C LISTED RETROFIT KIT · CLASS A · DLC LISTED

Light Efficient Design®

2FT 19.3"

3FT 31.3"

4FT 43.3"

1.2" / 1.2"

PART NUMBER BUILDER

MFR	PRODUCT	GENERATION	LENGTH	WATTAGE	CCT	FUNCTION
RP	LBI	G1				

2F — 6W
3F — 10W
4F — 15W

40K = 4000K — WC = STANDARD COLOR TEMPERATURES
27K = 2700K — WC2 = WARM COLOR TEMPERATURES

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

CONTROL OPTIONS

SIMPLE LIGHTING CONTROLS

NETWORK 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

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

DLC LISTED NLC LISTED Light Efficient Design/RemPhos has partnered with Silvair to offer fixtures & retrofits w/ a wireless Bluetooth-mesh eco-system. Silvair is listed on the DLC NLC QPL certified to Technical Requirements Version 5.1. Our Silvair 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.

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

HEADQUARTERS & TRAINING CENTER • Cary, IL | **INNOVATION & MANUFACTURING CENTER** • Middleton, MA
847.380.3540 • led-llc.com • sales@led-llc.com
11.18.25 Information is subject to change without notice.

Light Efficient Design

9 SKUs in 1 WITH FLEXWATT™ & FLEXCOLOR™ TECHNOLOGY

FLEXWATT

	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.

FLEXCOLOR

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, Silvair 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
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
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
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
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-U5M1ES	●	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
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-UYKDGP	●	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
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
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
RP-LBI-G1-3F-12W-XXK-[WC2,W]-[HV,Blank]-[Blank,OCN]-[Blank,BAA]	S-YZBHXC	●	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
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	33 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).
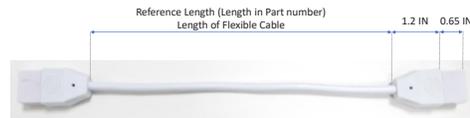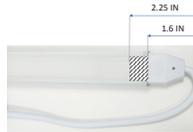
DEFAULT OCC SENSOR SETTINGS

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

CABLES + CONNECTORS

PART #				DESCRIPTION
6IN	**12IN**	**18IN**	**24IN**	
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	**LINKING CABLES**
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	UP TO 72"

2.25 IN
1.6 IN

Reference Length (Length in Part number)
Length of Flexible Cable   1.2 IN   0.65 IN

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 DIMMIMG AND NON-DIMMING APPLICATIONS. DIM NODIM
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. Unrivaled 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
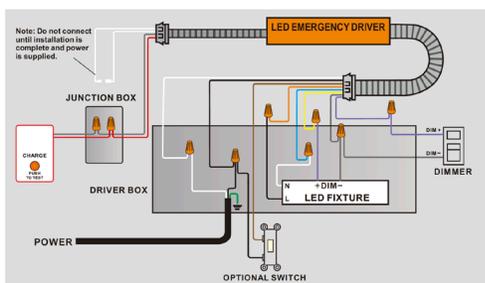• 25W version, load up to 300W or (8) 4 FT LBI w/ dim control

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
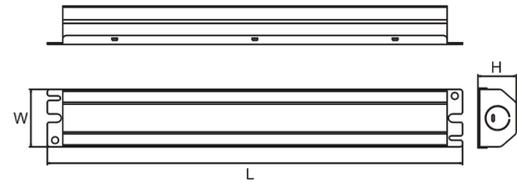
EM-H Series

UL LISTED LED EMERGENCY DRIVER

Unrivaled 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

RemPhos®

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
COMISSIONING 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

- Permanent ON/OFF Function
- Permanent OFF
- Sensor Mode
- Reset Function
- Disable Daylight Sensor
- Test Mode

FOR MORE INFORMATION ON THE IR11 REMOTE SCAN BELOW

DETECTION PATTERN / RP-LBI-OC2-A

CEILING MOUNTING
DETECTION RANGE (FT)
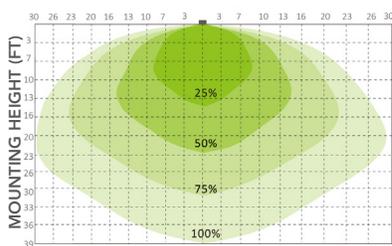
WALL MOUNTING
DETECTION DISTANCE (FT)
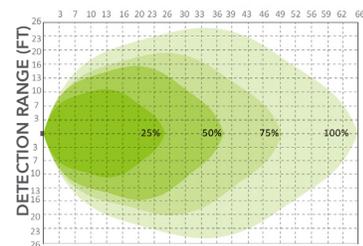
DAYLIGHT HARVESTING / RP-LBI-OC2-A

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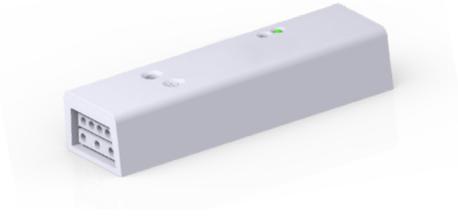
NOTE LUX-OFF SAMPLING TIME - 30S. LUX-ON SAMPLING TIME - 10S. LUX-ON FUNCTION WILL ONLY OPPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.

RemPhos®
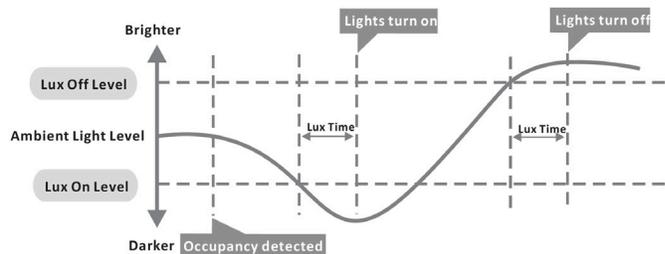
RP-LBI-OC3-A

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

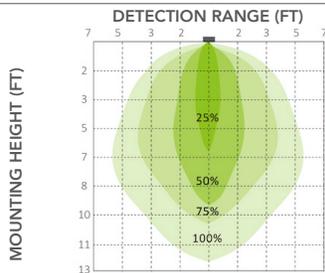|	
DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMISSIONING METHOD	IR REMOTE
REMOTE	IR11
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES
CONTROL CAPACITY	15 BARS

IR11 REMOTE

- Permanent ON/OFF Function
- Permanent OFF
- Sensor Mode
- Reset Function
- Disable Daylight Sensor
- Test Mode
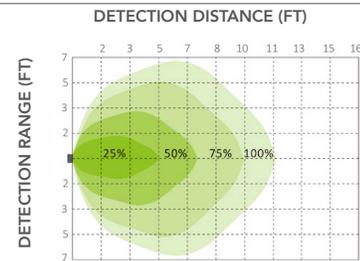
FOR MORE INFORMATION ON THE IR11 REMOTE SCAN BELOW

DETECTION PATTERN / RP-LBI-OC3-A

CEILING MOUNTING

DETECTION RANGE (FT)

MOUNTING HEIGHT (FT)

25%
50%
75%
100%

WALL MOUNTING

DETECTION DISTANCE (FT)

DETECTION RANGE (FT)

25%   50%   75%   100%

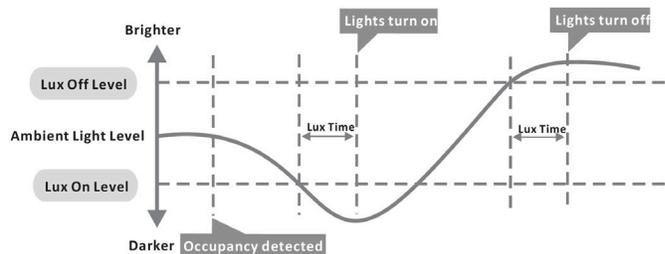### DAYLIGHT HARVESTING / RP-LBI-OC3-A

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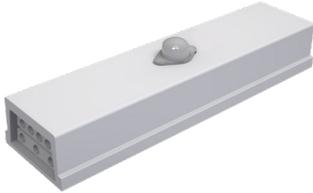
NOTE LUX-OFF SAMPLING TIME - 30S. LUX-ON SAMPLING TIME - 10S. LUX-ON FUNCTION WILL ONLY OPPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.

Brighter

Lights turn on   Lights turn off

Lux Off Level

Ambient Light Level   Lux Time   Lux Time

Lux On Level

Darker   Occupancy detected

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
COMISSIONING 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 Daylight Sensor
	Test Mode

FOR MORE INFORMATION ON THE IR11 REMOTE SCAN BELOW

DETECTION PATTERN / RP-LBI-PIR-A

TOP VIEW

47° 47°

X

5m 16.404ft   2.5m 8.202ft

SIDE

16.4'
8.2'
41°
41°
18.4'
21.7'
X-Y cross section
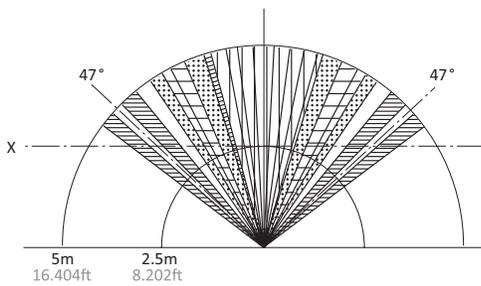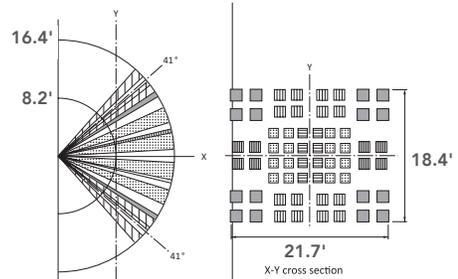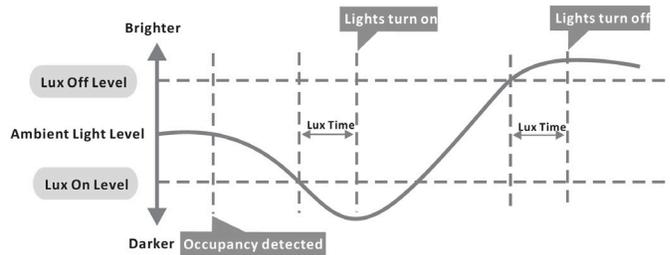
DAYLIGHT HARVESTING / RP-LBI-PIR-A

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 OPPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.

Brighter
Lights turn on
Lights turn off
Lux Off Level
Ambient Light Level
Lux Time
Lux Time
Lux On Level
Darker   Occupancy detected

RemPhos®

RP-LBI-BLE-OC

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.
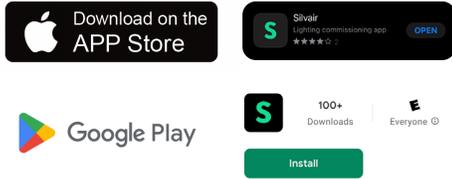
DLC LISTED
NLC LISTED

ATTRIBUTES

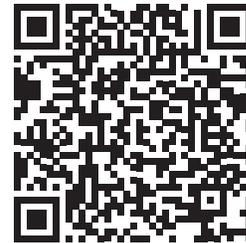|	
DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY / VACANCY
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMISSIONING METHOD	SILVAIR APP
REMOTE	N/A
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	BLUETOOTH MESH
INSTALLATION TYPE	INTERNAL
DLC 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.
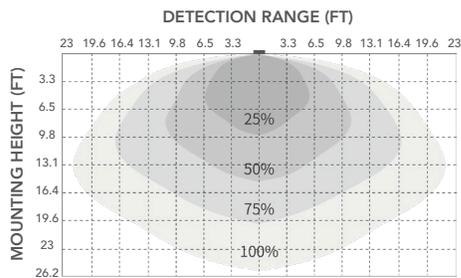
Download on the APP Store

Google Play

Silvair
Lighting commissioning app — OPEN

S 100+ Downloads — Everyone ⓘ

Install

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

DETECTION PATTERN / RP-LBI-BLE-OC

CEILING MOUNTING

DETECTION RANGE (FT)

MOUNTING HEIGHT (FT)

25%
50%
75%
100%

WALL MOUNTING

DETECTION DISTANCE (FT)

DETECTION RANGE (FT)

25% 50% 75% 100%

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847.380.3540 • led-llc.com • sales@led-llc.com
11.18.25 Information is subject to change without notice.
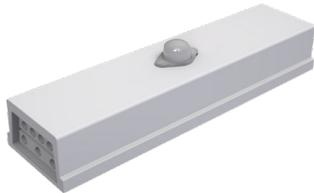
Light Efficient Design®

RemPhos®
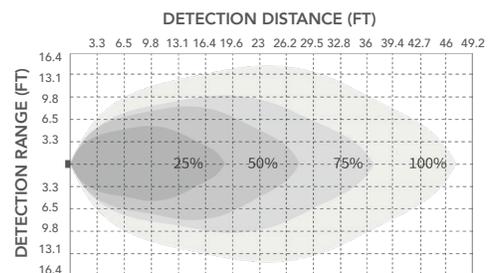
RP-LBI-BLE-PIR-A

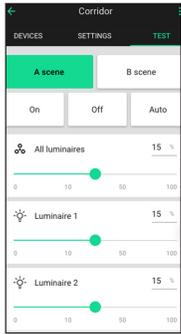## IN-LINE SILVAIR-READY BLUETOOTH CONTROL NODE W/ PASSIVE OCCUPANCY SENSOR

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.
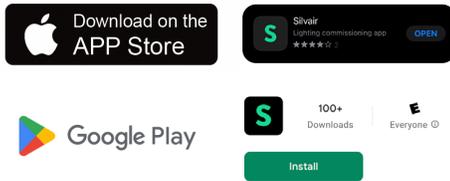

DLC LISTED
NLC LISTED

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.

Download on the APP Store

Google Play

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

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

TOP VIEW

47°   47°
X
16.4'   8.2'

SIDE

16.4'
8.2'
41°
41°
Y
X
18.4'
21.7'
X-Y cross section

Light Efficient Design®

RemPhos®

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.

DLC LISTED

NLC LISTED™

ATTRIBUTES

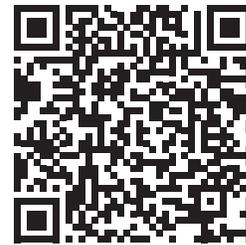|	
DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMISSIONING METHOD	NONE
REMOTE	SILVAIR APP
DAYLIGHT HARVESTING	NO
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	NO
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC
CONTROL CAPACITY	15 BARS

SILVAIR APP

SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.
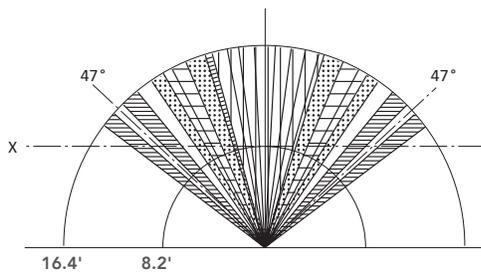
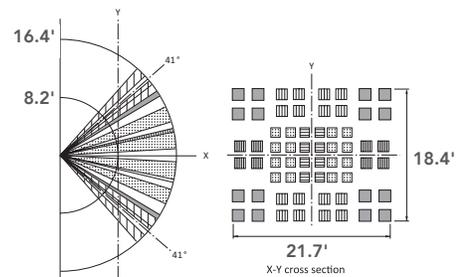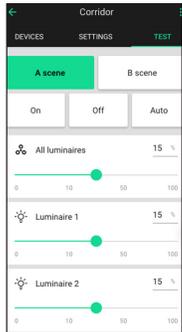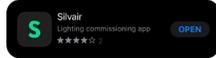FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 15

RemPhos® SILVAIR APP + COMMISSIONING OVERVIEW

WHAT IS SILVAIR?

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

HOW DOES IT CONNECT?

Silvair can be set up in advance through the cloud and the Silvair portal. It can also be commissioned in the field with the IOS app.

DOWNLOAD SILVAIR APPS

Download on the APP Store

Silvair
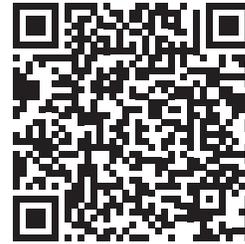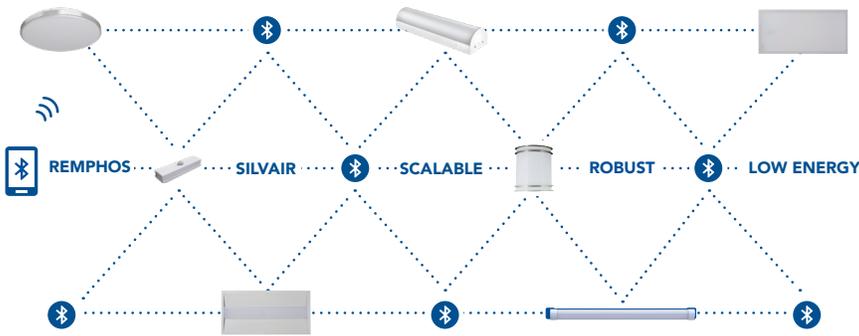Lighting commissioning app ★★★★☆ 2 — OPEN

MOBILE APP Apple App Store
or
WEB APP platform.silvair.com

SILVAIR

Advanced lighting control has never been *easier*

QUALIFIED BLUETOOTH® MESH

Choose from a library of **ready-to-use profiles**

New zone — SAVE

P1. Storage room — Manual control
P2. Restroom — Occupancy sensing
P3. Warehouse — Occupancy sensing
P4. Egress corridor — Occupancy sensing
P5. Conference room — Vacancy sensing with daylight harvesting
P6. Laboratory — Occupancy sensing with daylight harvesting
P7. Open office — Occupancy sensing with daylight harvesting
P8. Outdoor — Multiple scenes
P9. Lobby — Multiple scenes

Customize settings to meet your lighting needs

P5 - Conference Room

Scenario
Occupancy sensing

Occupied
Timeout — 10 — min
Light level
Fade time — 1 — sec

Prolonged
Timeout — 0 — min
Light level

Energy-efficient control strategies at your fingertips

Calibration

Light sensor
Light level
Measured light level — 20 — lx
CALIBRATE

Daylight controller
SLOW — FAST
CALIBRATE

Calibration test — RUN TEST

Support for self-powered **EnOcean switches**

Conference room
DEVICES — SETTINGS — TEST

Device A3F0
Proxy
Relay
EnOcean
REMOVE

Monitoring — Diagnostic
Device C5C7 — PROXY
Device DF41 — RELAY
Device B2B9

Add devices to zones with **a single tap**

Add devices
25% Discovering
Completed 0 — Incompleted 0
Device 95D4
Device B45E
Device B009

NEAR — ALL

Work on actual **floor plans**

Area 1
Zone 1
Zone 2
Zone 3

3 zones — NEW ZONE

No lighting control expertise required!

Light Efficient Design