



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

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

TYPE \_\_\_\_\_



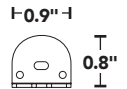
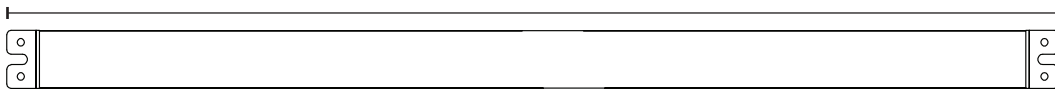
Our Linear Barkits / External Driver (LBE) for linear fluorescent luminaires is a simple, efficient retrofit solution. Designed to easily retrofit existing T5/T8/T12 linear fluorescent fixtures. Fast, one-person installation.

- Works with existing sockets—fits into the existing fixtures and speeds up the installation process
- Versatile 1 FT, 2 FT, 3 FT, 4FT, & 5 FT lamps
- Systems available from 6W (800LM) all the way to 80W (13,000LM)
- Standard 10V drivers include FlexWatt allowing you to chose the exact lumen/wattage package needed
- Streamline your retrofit project with custom professional brackets to reduce install time and variation of install
- **SIMPLE & NETWORK LIGHTING CONTROLS**



**FLEXWATT**  
SWITCH BETWEEN 4 WATTAGES

- 1 FT = 10.2"
- 2 FT = 21.65"
- 3 FT = 34.25"
- 4 FT = 44.37"
- 5 FT = 56.5"



|  |              |  |  |  |  |  |  |  |  |  |  |
|--|--------------|--|--|--|--|--|--|--|--|--|--|
|  |              |  |  |  |  |  |  |  |  |  |  |
|  | SENSOR READY |  |  |  |  |  |  |  |  |  |  |



\*5 FT ETL PENDING



## PART NUMBER BUILDER

| MFR | PRODUCT | GENERATION | WATTAGE  | LENGTH                          | # OF LAMPS           | CCT   | DIMMING                     | CONTROLS  | EMG                                  | OPTIONS       |
|-----|---------|------------|--|---------------------------------|----------------------|---|-----------------------------|---|--------------------------------------|---------------|
| RP  | LBE     | G2         |  |                                 |                      | 8XX   |                             |   |                                      |               |
|     |         |            | 12W   6 8 10 12<br>25W   15 18 20 25<br>45W   30 35 40 45<br>80W   50 60 70 80 | 1FT<br>2FT<br>3FT<br>4FT<br>5FT | 1L<br>2L<br>3L<br>4L | 8=80+ CRI<br><br>XX=CCT<br>30=3000K<br>35=3500K<br>40=4000K<br>50=5000K | 10V LVD<br>1 STEP<br>2 STEP | -OCC<br>-OCLR<br>-OCBT<br>-OCCBT-ARM<br>-BT<br>-BTX | -EM1<br>-EM2<br>-EM4<br>-EM8<br>-EM9 | HV (120-347V) |

### EXAMPLE PART NUMBER

RP-LBE-G2-6W-1FT-1L-840-10V-HV

Emergency battery backup options can also be ordered separately. See pages 10-13 for more information.

## CONTROL OPTIONS

### SIMPLE LIGHTING CONTROLS



#### RC-OCC-HNS-111-A (-OCC)

MICROWAVE OCCUPANCY AND  
DAYLIGHT HOLD-OFF SENSOR  
IR12 REMOTE



#### RC-OCLR-HNS111LR-A (-OCLR)

LIMITED-RANGE MICROWAVE OCCUPANCY  
AND DAYLIGHT HOLD-OFF SENSOR  
IR12 REMOTE



### NETWORK LIGHTING CONTROLS



#### RC-OCBT-HNB115MW (-OCBT)

SILVAIR™ BLUETOOTH  
MICROWAVE MOTION AND  
DAYLIGHT HARVESTING SENSOR  
SILVAIR APP



#### RC-OCCBT-HNB131PIR (-OCCBT)

SILVAIR™ BLUETOOTH PASSIVE  
INFRARED MOTION AND DAYLIGHT  
HARVESTING SENSOR  
(EXTERNAL FIXTURE MOUNT ONLY)  
SILVAIR APP



#### RC-OCCBT-ARM-HNB178-PIR-BLE (-OCCBT-ARM)

SILVAIR™ BLUETOOTH PASSIVE  
INFRARED EXTERNAL ARM SENSOR  
SILVAIR APP



#### RC-BT-HNB131CTL (-BT)

SILVAIR™ BLUETOOTH  
CONTROL NODE  
SILVAIR APP



#### RC-BTX-HNB136 (-BTX)

SILVAIR™ BLUETOOTH NODE  
W/ EXTERNAL ANTENNA  
SILVAIR APP



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



### ORDERING DIRECTIONS (SEE ORDERING GUIDE BELOW)

- (A) Choose your desired total system wattage and lumen output
- (B) Choose your desired LEDBAR length (1 FT, 2 FT, 3 FT, 4 FT, or 5 FT)
- (C) Choose your desired QTY of LEDBAR(s) per driver
- (D) Order system part # (system will include 1pc LED driver + LEDBAR(s). Substitute "XX" in the 8XX for w/ 30 (3000K), 35 (3500K), 40 (4000K) or 50 (5000K) for your desired CCT
- (E) The wattage of each LEDBAR in the system
- (F) The total system lumen output

*If the system you want is not currently a listed part #, please contact us for a letter to send to your Utility for custom incentive approval.*

**CAUTION! MAX WATTAGES PER LEDBAR**

- 1 FT: 7.5W
- 2 FT: 12.5W
- 3 FT: 15W
- 4 FT: 25W
- 5 FT: 25W

| PART #                       | (A) WATTAGE | (B) LENGTH | (C) # OF LAMPS | (F) SYSTEM LUMENS | DLC CATEGORY   | 3500K    | 4000K    | 5000K    |
|------------------------------|-------------|------------|----------------|-------------------|----------------|----------|----------|----------|
| RP-LBE-G2-6W-1FT-1L-8XX-10V  | 6W          | 1FT        | 1              | 930               |                |          |          |          |
| RP-LBE-G2-6W-1FT-2L-8XX-10V  |             | 1FT        | 2              | 900               |                |          |          |          |
| RP-LBE-G2-6W-2FT-1L-8XX-10V  |             | 2FT        | 1              | 936               | Linear Ambient | PRB3E2VH | PX817GIG | PHGDUW8H |
| RP-LBE-G2-6W-3FT-1L-8XX-10V  |             | 3FT        | 1              | 894               | Linear Ambient | P1Q3OPXM | PP924MAB | PBNZQWRK |
| RP-LBE-G2-6W-4FT-1L-8XX-10V  |             | 4FT        | 1              | 756               | Linear Ambient | P8R5JB3E | P5QXPXX0 | PSW5EGIT |
| RP-LBE-G2-6W-5FT-1L-8XX-10V  |             | 5FT        | 1              | 756               |                |          |          |          |
| RP-LBE-G2-8W-1FT-1L-8XX-10V  | 8W          | 1FT        | 1              | 1240              |                |          |          |          |
| RP-LBE-G2-8W-1FT-2L-8XX-10V  |             | 1FT        | 2              | 1190              |                |          |          |          |
| RP-LBE-G2-8W-2FT-1L-8XX-10V  |             | 2FT        | 1              | 1288              | Linear Ambient | P62A55CE | PVJA0P94 | PQE7OFFV |
| RP-LBE-G2-8W-3FT-1L-8XX-10V  |             | 3FT        | 1              | 1264              | Linear Ambient | PECHEP2F | PE3U62N3 | P52SB5KC |
| RP-LBE-G2-8W-4FT-1L-8XX-10V  |             | 4FT        | 1              | 1232              | Linear Ambient | PQV4C8WI | PENZ5M00 | PHDXFH50 |
| RP-LBE-G2-8W-5FT-1L-8XX-10V  |             | 5FT        | 1              | 1232              |                |          |          |          |
| RP-LBE-G2-10W-1FT-2L-8XX-10V | 10W         | 1FT        | 2              | 1550              |                |          |          |          |
| RP-LBE-G2-10W-1FT-3L-8XX-10V |             | 1FT        | 3              | 1488              |                |          |          |          |
| RP-LBE-G2-10W-2FT-1L-8XX-10V |             | 2FT        | 1              | 1640              | Linear Ambient | PAG1QYAT | PS05KCWZ | PON4R76H |
| RP-LBE-G2-10W-2FT-2L-8XX-10V |             | 2FT        | 2              | 1440              |                |          |          |          |
| RP-LBE-G2-10W-2FT-3L-8XX-10V |             | 2FT        | 3              | 1162              |                |          |          |          |
| RP-LBE-G2-10W-3FT-1L-8XX-10V |             | 3FT        | 1              | 1640              | Linear Ambient | PO7JATAZ | PQSXHIOL | P9Y4IPU5 |
| RP-LBE-G2-10W-4FT-1L-8XX-10V |             | 4FT        | 1              | 1630              | Linear Ambient | PUPFZA3E | P7M0BTFL | P1JE9JZ6 |
| RP-LBE-G2-10W-5FT-1L-8XX-10V |             | 5FT        | 1              | 1630              |                |          |          |          |
| RP-LBE-G2-12W-1FT-2L-8XX-10V | 12W         | 1FT        | 2              | 1860              |                |          |          |          |
| RP-LBE-G2-12W-1FT-3L-8XX-10V |             | 1FT        | 3              | 1786              |                |          |          |          |
| RP-LBE-G2-12W-2FT-1L-8XX-10V |             | 2FT        | 1              | 1968              | Linear Ambient | PLQ8PMUV | P44M01CD | PJDFP97Z |
| RP-LBE-G2-12W-2FT-2L-8XX-10V |             | 2FT        | 2              | 1728              |                |          |          |          |
| RP-LBE-G2-12W-2FT-3L-8XX-10V |             | 2FT        | 3              | 1728              |                |          |          |          |
| RP-LBE-G2-12W-3FT-1L-8XX-10V |             | 3FT        | 1              | 1992              | Linear Ambient | POD0UQWQ | P8NS0WEQ | PYMKCGPJ |
| RP-LBE-G2-12W-3FT-2L-8XX-10V |             | 3FT        | 2              | 1788              |                |          |          |          |
| RP-LBE-G2-12W-4FT-1L-8XX-10V |             | 4FT        | 1              | 1956              | Linear Ambient | PTM4M6BO | PLLHCS0Y | PZ8N20Q3 |
| RP-LBE-G2-12W-4FT-2L-8XX-10V |             | 4FT        | 2              | 1848              |                |          |          |          |
| RP-LBE-G2-12W-5FT-1L-8XX-10V |             | 5FT        | 1              | 1956              |                |          |          |          |
| RP-LBE-G2-15W-1FT-2L-8XX-10V | 15W         | 1FT        | 2              | 2325              |                |          |          |          |
| RP-LBE-G2-15W-1FT-3L-8XX-10V |             | 1FT        | 3              | 2232              |                |          |          |          |
| RP-LBE-G2-15W-2FT-2L-8XX-10V |             | 2FT        | 2              | 2340              |                |          |          |          |
| RP-LBE-G2-15W-2FT-3L-8XX-10V |             | 2FT        | 3              | 2160              | Troffer        | PGFMWM4H | PXBV2E1D | PACQE8VC |
| RP-LBE-G2-15W-3FT-1L-8XX-10V |             | 3FT        | 1              | 2505              | Troffer        | PTSOZL8L | PSC036CO | PGQ7VD51 |
| RP-LBE-G2-15W-3FT-2L-8XX-10V |             | 3FT        | 2              | 2370              |                |          |          |          |
| RP-LBE-G2-15W-3FT-3L-8XX-10V |             | 3FT        | 3              | 2235              |                |          |          |          |
| RP-LBE-G2-15W-4FT-1L-8XX-10V |             | 4FT        | 1              | 2505              | Linear Ambient | PFBAB42G | P95LQPN8 | P4IB866H |
| RP-LBE-G2-15W-4FT-2L-8XX-10V |             | 4FT        | 2              | 2310              | Troffer        | P3TJZNK0 | P2HEA375 | PPCNUKDM |
| RP-LBE-G2-15W-5FT-1L-8XX-10V |             | 5FT        | 1              | 2505              |                |          |          |          |

\*SYSTEM LUMENS BASED ON BAR DESIGN CRITERIA



| PART #                       | (A) WATTAGE | (B) LENGTH | (C) # OF LAMPS | (F) SYSTEM LUMENS | DLC CATEGORY | 3500K          | 4000K     | 5000K    |          |          |
|------------------------------|-------------|------------|----------------|-------------------|--------------|----------------|-----------|----------|----------|----------|
| RP-LBE-G2-18W-1FT-3L-8XX-10V | 18W         | 1FT        | 3              | 2790              |              |                |           |          |          |          |
| RP-LBE-G2-18W-1FT-4L-8XX-10V |             | 1FT        | 4              | 2678              |              |                |           |          |          |          |
| RP-LBE-G2-18W-2FT-2L-8XX-10V |             | 2FT        | 2              | 2898              |              | Troffer        | P2Y1B1X1  | PUPC18ML | PB45RQR6 |          |
| RP-LBE-G2-18W-2FT-3L-8XX-10V |             | 2FT        | 3              | 2592              |              | Troffer        | PKPOHC8J  | PRJQYIEJ | PQ95X3X8 |          |
| RP-LBE-G2-18W-2FT-4L-8XX-10V |             | 2FT        | 4              | 2592              |              |                |           |          |          |          |
| RP-LBE-G2-18W-3FT-2L-8XX-10V |             | 3FT        | 2              | 2844              |              |                |           |          |          |          |
| RP-LBE-G2-18W-3FT-3L-8XX-10V |             | 3FT        | 3              | 2682              |              |                |           |          |          |          |
| RP-LBE-G2-18W-3FT-4L-8XX-10V |             | 3FT        | 4              | 2682              |              |                |           |          |          |          |
| RP-LBE-G2-18W-4FT-1L-8XX-10V |             | 4FT        | 1              | 3024              |              | Linear Ambient | PAYNDYTS  | PHFUO1IL | PEF3GEG2 |          |
| RP-LBE-G2-18W-4FT-2L-8XX-10V |             | 4FT        | 2              | 2934              |              | Troffer        | P2JDXXCOG | PC86OTIW | P9JWLLPC |          |
| RP-LBE-G2-18W-4FT-3L-8XX-10V |             | 4FT        | 3              | 2772              |              | Troffer        | PZCC33MV  | PZ35A5M2 | PHF5RB7K |          |
| RP-LBE-G2-18W-5FT-1L-8XX-10V |             | 5FT        | 1              | 3024              |              |                |           |          |          |          |
| RP-LBE-G2-20W-1FT-3L-8XX-10V |             | 20W        | 1FT            | 3                 | 3100         |                |           |          |          |          |
| RP-LBE-G2-20W-1FT-4L-8XX-10V |             |            | 1FT            | 4                 | 2976         |                |           |          |          |          |
| RP-LBE-G2-20W-2FT-2L-8XX-10V |             |            | 2FT            | 2                 | 3220         |                | Troffer   | PBKQL1GY | PZA4UKKG | PUZ55K88 |
| RP-LBE-G2-20W-2FT-3L-8XX-10V | 2FT         |            | 3              | 2880              |              | Troffer        | P8LQ5KD0  | PZTA6GYH | PX49U54Z |          |
| RP-LBE-G2-20W-2FT-4L-8XX-10V | 3FT         |            | 4              | 2880              |              |                |           |          |          |          |
| RP-LBE-G2-20W-3FT-2L-8XX-10V | 3FT         |            | 2              | 3280              |              |                |           |          |          |          |
| RP-LBE-G2-20W-3FT-3L-8XX-10V | 3FT         |            | 3              | 3160              |              |                |           |          |          |          |
| RP-LBE-G2-20W-3FT-4L-8XX-10V | 3FT         |            | 4              | 3160              |              |                |           |          |          |          |
| RP-LBE-G2-20W-4FT-1L-8XX-10V | 4FT         |            | 1              | 3360              |              | Linear Ambient | PLYHZD1Z  | P3U4EIAF | P8NNERJ7 |          |
| RP-LBE-G2-20W-4FT-2L-8XX-10V | 4FT         |            | 2              | 3260              |              | Troffer        | P9IB4W7O  | POK6M2XP | PH9386HN |          |
| RP-LBE-G2-20W-4FT-3L-8XX-10V | 4FT         |            | 3              | 3080              |              | Troffer        | PLOSOXVE  | PL4ZAMLI | PXBW8K6S |          |
| RP-LBE-G2-20W-4FT-1L-8XX-10V | 5FT         |            | 1              | 3360              |              |                |           |          |          |          |
| RP-LBE-G2-20W-5FT-1L-8XX-10V | 5FT         |            | 1              | 3360              |              |                |           |          |          |          |
| RP-LBE-G2-25W-1FT-4L-8XX-10V | 25W         |            | 1FT            | 4                 | 3875         |                |           |          |          |          |
| RP-LBE-G2-25W-2FT-2L-8XX-10V |             |            | 2FT            | 2                 | 4100         |                | Troffer   | PMDC3DLY | PKL6SFJP | PSQD1UTC |
| RP-LBE-G2-25W-2FT-3L-8XX-10V |             | 2FT        | 3              | 4025              |              | Troffer        | PQUGP3E1  | P6RV8JX4 | PDPD6MP2 |          |
| RP-LBE-G2-25W-2FT-4L-8XX-10V |             | 2FT        | 4              | 3900              |              |                |           |          |          |          |
| RP-LBE-G2-25W-3FT-3L-8XX-10V |             | 3FT        | 3              | 4100              |              |                |           |          |          |          |
| RP-LBE-G2-25W-3FT-4L-8XX-10V |             | 3FT        | 4              | 3950              |              |                |           |          |          |          |
| RP-LBE-G2-25W-4FT-1L-8XX-10V |             | 4FT        | 1              | 4175              |              | Linear Ambient | POJBJTPC  | PR17YM6C | PW9U36FX |          |
| RP-LBE-G2-25W-4FT-2L-8XX-10V |             | 4FT        | 2              | 4175              |              | Troffer        | PNVYU5CC  | PHS92SIE | PY4COSG4 |          |
| RP-LBE-G2-25W-4FT-3L-8XX-10V |             | 4FT        | 3              | 3850              |              | Troffer        | P3MWG6MS  | PSE0GEDN | PA60KY3D |          |
| RP-LBE-G2-25W-4FT-4L-8XX-10V |             | 4FT        | 4              | 3850              |              |                |           |          |          |          |
| RP-LBE-G2-25W-5FT-1L-8XX-10V |             | 5FT        | 1              | 4175              |              |                |           |          |          |          |
| RP-LBE-G2-25W-5FT-2L-8XX-10V |             | 5FT        | 2              | 4175              |              |                |           |          |          |          |
| RP-LBE-G2-30W-2FT-3L-8XX-10V |             | 30W        | 2FT            | 3                 | 4920         |                | Troffer   | PM44IVJJ | P3A4HYT7 | P5USDXGC |
| RP-LBE-G2-30W-2FT-4L-8XX-10V |             |            | 2FT            | 4                 | 4830         |                |           |          |          |          |
| RP-LBE-G2-30W-3FT-3L-8XX-10V |             |            | 3FT            | 3                 | 4980         |                |           |          |          |          |
| RP-LBE-G2-30W-3FT-4L-8XX-10V | 3FT         |            | 4              | 4740              |              |                |           |          |          |          |
| RP-LBE-G2-30W-4FT-2L-8XX-10V | 4FT         |            | 2              | 5040              |              | Troffer        | PQI4QKFX  | PWS00OZ8 | P3RAZEDK |          |
| RP-LBE-G2-30W-4FT-3L-8XX-10V | 4FT         |            | 3              | 4890              |              | Troffer        | PZ1WEY9T  | PC8JJOIQ | PJ0GHEND |          |
| RP-LBE-G2-30W-4FT-4L-8XX-10V | 4FT         |            | 4              | 4620              |              | Troffer        | P43S4ILF  | P4WSD7GG | PBYLVMZ2 |          |
| RP-LBE-G2-30W-5FT-2L-8XX-10V | 5FT         |            | 2              | 5040              |              |                |           |          |          |          |
| RP-LBE-G2-35W-2FT-3L-8XX-10V | 35W         |            | 2FT            | 3                 | 5740         |                | Troffer   | PE0YFJMK | P00MVBYS | PDT0BYAZ |
| RP-LBE-G2-35W-2FT-4L-8XX-10V |             | 2FT        | 4              | 5635              |              |                |           |          |          |          |
| RP-LBE-G2-35W-3FT-3L-8XX-10V |             | 3FT        | 3              | 5810              |              |                |           |          |          |          |
| RP-LBE-G2-35W-3FT-4L-8XX-10V |             | 3FT        | 4              | 5740              |              |                |           |          |          |          |
| RP-LBE-G2-35W-4FT-2L-8XX-10V |             | 4FT        | 2              | 5880              |              | Troffer        | PCEAYOLH  | PHHJJ7Q7 | PO5E8UIB |          |
| RP-LBE-G2-35W-4FT-3L-8XX-10V |             | 4FT        | 3              | 5705              |              | Troffer        | PI206DOG  | PA221SYC | PREJ56PF |          |
| RP-LBE-G2-35W-4FT-4L-8XX-10V |             | 4FT        | 4              | 5390              |              | Troffer        | PRNA6ERF  | PHRLQ6NW | PLGQQSHD |          |
| RP-LBE-G2-35W-5FT-2L-8XX-10V |             | 5FT        | 2              | 5880              |              |                |           |          |          |          |

\*SYSTEM LUMENS BASED ON BAR DESIGN CRITERIA



| PART #                       | (A) WATTAGE | (B) LENGTH | (C) # OF LAMPS | (F) SYSTEM LUMENS | DLC CATEGORY | 3500K    | 4000K    | 5000K    |
|------------------------------|-------------|------------|----------------|-------------------|--------------|----------|----------|----------|
| RP-LBE-G2-40W-2FT-4L-8XX-10V | 40W         | 2FT        | 4              | 6560              |              |          |          |          |
| RP-LBE-G2-40W-3FT-4L-8XX-10V |             | 3FT        | 4              | 6560              |              |          |          |          |
| RP-LBE-G2-40W-4FT-2L-8XX-10V |             | 4FT        | 2              | 6680              | Troffer      | PSAJ16B6 | PIVIEP1  | PFE9LAKI |
| RP-LBE-G2-40W-4FT-3L-8XX-10V |             | 4FT        | 3              | 6680              | Troffer      | PJO5URF7 | PNO08S2C | P4LWQKGI |
| RP-LBE-G2-40W-4FT-4L-8XX-10V |             | 4FT        | 4              | 6520              | Troffer      | PMUONBP2 | P3IMKH82 | P5DSYCK7 |
| RP-LBE-G2-40W-5FT-2L-8XX-10V |             | 5FT        | 2              | 6680              |              |          |          |          |
| RP-LBE-G2-45W-2FT-4L-8XX-10V | 45W         | 2FT        | 4              | 7380              |              |          |          |          |
| RP-LBE-G2-45W-3FT-4L-8XX-10V |             | 3FT        | 4              | 7470              |              |          |          |          |
| RP-LBE-G2-45W-4FT-2L-8XX-10V |             | 4FT        | 2              | 7425              | Troffer      | P29BQ4XQ | PCGLIANA | P9AGK00M |
| RP-LBE-G2-45W-4FT-3L-8XX-10V |             | 4FT        | 3              | 7515              | Troffer      | P8K4KU9Y | P6Y6FQN6 | PBM805KP |
| RP-LBE-G2-45W-4FT-4L-8XX-10V |             | 4FT        | 4              | 7335              | Troffer      | PZQKU0RR | PH63ZGAD | PRISOQAK |
| RP-LBE-G2-45W-5FT-2L-8XX-10V |             | 5FT        | 2              | 7425              |              |          |          |          |
| RP-LBE-G2-50W-4FT-2L-8XX-10V | 50W         | 4FT        | 2              | 8200              |              |          |          |          |
| RP-LBE-G2-50W-4FT-3L-8XX-10V |             | 4FT        | 3              | 8400              | Troffer      | PSCL7TGG | PK9A6WJM | PGZMX0RE |
| RP-LBE-G2-50W-4FT-4L-8XX-10V |             | 4FT        | 4              | 8400              | Troffer      | PXY07A81 | POEJEM2B | POR8NUEX |
| RP-LBE-G2-50W-5FT-2L-8XX-10V |             | 5FT        | 2              | 8200              |              |          |          |          |
| RP-LBE-G2-60W-4FT-3L-8XX-10V | 60W         | 4FT        | 3              | 10,080            | Troffer      | PBEJYDS6 | PO6P4ODV | P6YFJD6J |
| RP-LBE-G2-60W-4FT-4L-8XX-10V |             | 4FT        | 4              | 10,080            | Troffer      | P2EUH4QA | P1AAKG4I | PI5S9LRA |
| RP-LBE-G2-70W-4FT-3L-8XX-10V | 70W         | 4FT        | 3              | 11,690            | Troffer      | P3HKNSD8 | PMA24C2C | PDAXW1RS |
| RP-LBE-G2-70W-4FT-4L-8XX-10V |             | 4FT        | 4              | 11,760            | Troffer      | P7LFRT4B | PKSZD1GX | POR0U83M |
| RP-LBE-G2-80W-4FT-4L-8XX-10V | 80W         | 4FT        | 4              | 13,360            | Troffer      | PRPYODKD | PPW0IQ1S | PNCRDNHD |

\*SYSTEM LUMENS BASED ON BAR DESIGN CRITERIA



### WHY USE THE LBE?

**MORE EFFICIENT** because the higher efficiency optics, LEDs, and drivers we use provide higher lumens per watt and less wattage compared to other LED tubes.

**MORE RELIABLE** because of the significant amount of aluminum that we use as a heat sink on the back of the LBE properly dissipates the heat and keeps the electronics cooler than other LED tubes.

**MORE UNIVERSAL FIT** because our bars are designed to fit in between the sockets of either T5 or T8 fixtures. That means you can specify a 4 FT LBE for any T5 or T8 style fixture whether it is a troffer, vapor tight, pendant, strip or many other applications.

**LESS LIABILITY** get rid of the old fluorescent tube sockets that often can lead to future issues such as arcing, early failure, or even a fire.

**BETTER PIECE OF MIND** because the LBE family comes standard with a 10-year system warranty.

### MORE INFO

#### HIGHER OUTPUT TO MATCH T5HO

The LBE Barkit can be powered up to 25W for the 4 FT bar to match the foot candles of a T5HO FL lamp. All light bars are over 150LPW w/ AC wall efficiencies including the driver from 150-160LPW.

#### SINGLE CCT AVAILABLE

3000K, 3500K, 4000K, & 5000K

#### FLEXWATT STANDARD

Each driver has 4 adjustable wattage choices. With FlexWatt, there are now significantly more wattage choices to allow you to select exactly what lumen/wattage package is needed to maximize energy savings.

##### MAX WATTAGE:

1 FT=7.5W

2 FT=12.5W

3 FT=15W

4 FT=25W

5 FT=25W

#### DIM-TO-OFF SENSOR READY DRIVERS STANDARD

12V auxiliary power and 10V dimming wires are standard in every kit. Allowing for easy interface with dimming switches and control systems.

#### LESS WATTS TO REPLACE YOUR FLUORESCENT LAMPS

Available in 10W or even 8W options, the G2 system enables deeper energy savings. Refer to the ordering guide for available configurations.

#### VARIOUS CONTINUOUS AND STEP-DIM DRIVER OPTIONS.

We want to help you choose the lowest-cost and easiest-to-implement method to dim our retrofit kits. While low voltage 10V dimming is a great approach, it often requires running new wiring. Therefore, we have line voltage phase dimming options, 2-switch step-dim driver (to work with existing inbound/outbound wall switches), and 1-switch step-dim driver (using 1 existing wall switch to change brightness between pre-selected levels of 50%/100% for example).

#### METAL, LINEAR BALLAST SHAPED LED DRIVERS

Rigid metal cases, rugged and easy to mount. Thinner height to fit into even the most compact existing ballast compartments.

#### BUILT-IN METAL MAGNETIC MOUNTING BRACKETS

Innovative bracket that can be slid anywhere on the bar, so that the screws can be mounted in various places depending on what is fastest/easiest for the install.

#### LOWER COST EMERGENCY BATTERY BACKUP

#### VARIOUS BRACKETS AVAILABLE FROM OUR "CUSTOM-SHOP"

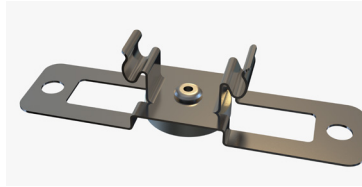
Have a direct/indirect pendant hung fixture and want a fast way to mount bars pointing up and down? No problem, we have a solution. Have a wide-body vapor tight where you want 6 bars mounted together along with a motion sensor on a single pan? No problem, we have a solution for that too. Let our engineers help design a bracket/mounting system that makes installation faster and easier for you.



### OPTIONAL MOUNTING BRACKETS\*

Used when mounting to an uneven fixture surface or to match heights to driver channel when de-lamping.

SHORT BRIDGE



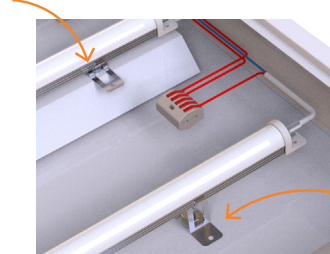
RP-LBE-G1-SHORTBRIDGE-10P

TALL BRIDGE



RP-LBE-G1-TALLBRIDGE-10P

SHORT BRIDGE



TALL BRIDGE

\* ORDERED SEPARATELY. SOLD IN PACKS OF 10

### KEY PRODUCT INFORMATION

- SIMPLE INSTALLATION
- FITS BETWEEN THE SOCKETS
- MAXIMUM VERSATILITY
- MANY LIGHT OUTPUT CHOICES
- CONTROL-READY 10V DIMMABLE DRIVER
- SUITABLE FOR DRY & DAMP LOCATIONS
- UL 1598C CLASSIFIED RETROFIT KIT LISTED & PERFORMANCE QPL LISTED
- 10 YEAR WARRANTY, L70 >100,000HRS
- CUSTOM RETROFIT SOLUTIONS AVAILABLE
- OPTIONAL MOTION SENSOR/CONTROL-READY





## SPECIFICATION GUIDE

### OUTPUT

| MODEL                                | RP-LBE-G2-DRV-12W | RP-LBE-G2-DRV-12W-HV | RP-LBE-G2-DRV-25W | RP-LBE-G2-DRV-25W-HV | RP-LBE-G2-DRV-45W | RP-LBE-G2-DRV-45W-H | RP-LBE-G2-DRV-80W   | RP-LBE-G2-DRV-80W-HV |
|--------------------------------------|-------------------|----------------------|-------------------|----------------------|-------------------|---------------------|---------------------|----------------------|
| LED OUTPUT CHANNEL(S)                | SINGLE CHANNEL    |                      |                   |                      |                   |                     |                     |                      |
| LED OUTPUT CURRENT - SELECTABLE (MA) | 100/150/190/230   |                      | 290/350/390/490   |                      | 580/680/780/880   |                     | 1000/1160/1370/1570 |                      |
| LED DC VOLTAGE RANGE                 | 30-48V            |                      |                   |                      |                   |                     |                     |                      |
| RATED POWER (MAX)                    | 12W               |                      | 25W               |                      | 45W               |                     | 80W                 |                      |
| AUX VOLTAGE SOURCE                   | 12V/50mA          |                      |                   |                      |                   |                     |                     |                      |

### INPUT

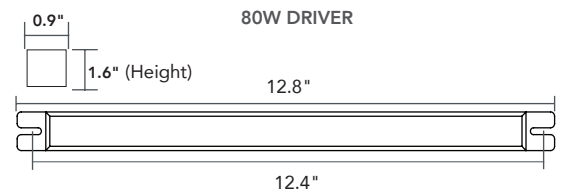
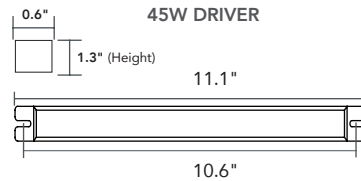
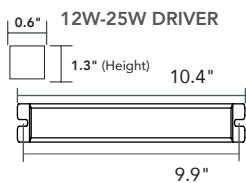
|                    |              |            |             |            |             |            |             |            |
|--------------------|--------------|------------|-------------|------------|-------------|------------|-------------|------------|
| VOLTAGE RANGE      | 120-277VAC   | 120-347VAC | 120-277VAC  | 120-347VAC | 120-277VAC  | 120-347VAC | 120-277VAC  | 120-347VAC |
| FREQUENCY RANGE    | 50-60HZ      |            |             |            |             |            |             |            |
| POWER FACTOR (TYP) | >0.95        |            |             |            |             |            |             |            |
| AC CURRENT (MAX)   | 0.15A @ 120V |            | 0.22 @ 120V |            | 0.38 @ 120V |            | 0.70 @ 120V |            |
| LEAKAGE CURRENT    | > 0.75mA     |            |             |            |             |            |             |            |
| INRUSH CURRENT     | 50A @ 277V   |            |             |            |             |            |             |            |
| THD                | <0.20        |            |             |            |             |            |             |            |

### PROTECTION

|                   |   |
|-------------------|---|
| OVER CURRENT      | 105~125% Protection type: Shut down output voltage  |
| LED SHORT CIRCUIT | A short condition on any output shall cause no damage to the power supply. The unit shall recover and function automatically as soon as the short condition is removed. |
| LED OPEN CIRCUIT  | An open condition on any output shall cause no damage to the power supply. The unit shall recover and function automatically as soon as the open condition is removed.  |
| OVER VOLTAGE      | 105~125% Protection type: Shut down output voltage  |
| SAFETY            | UL8750 CLASS 2 CLASS P  |
| SURGE PROTECTION  | 2.5 Kv  |

### ENVIRONMENT

|                  |   |
|------------------|---|
| WORKING TEMP     | -4F to 122F   |
| WORKING HUMIDITY | < 90% RH  |
| STORAGE TEMP     | -4F to 176F   |
| STORAGE HUMIDITY | < 90% RH  |
| TEMP COEFFICIENT | 0.03%/°C (0~40°C)   |
| VIBRATION        | 10~500Hz, 2G 12Min / 1cycle, period for 72min each along X, Y, Z axes |





### DIMMING OPTIONS

**10V** – Standard driver is controlled with 0-10V wall dimmer or 0-10V advanced control system. (Standard driver has Aux power [12V – 50mA]; Dim-to-Off)

**LVD** – 120-277V TRIAC / AC Phase cut dimming (Driver) Traditional AC modulated dimming. Compatible with forward or reverse phase cut dimming. CFL/LED compatible dimmer required. Selecting LVD results in the loss of FlexWatt capabilities.

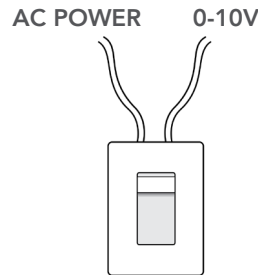
**1STEP** – Single Switch Step-Dimming (Module to be used with LBE 10V kits) Quick flip [ON-OFF-ON] to toggle between step dimming. [30% - 60% - 100%]

**2STEP** – Double Switch Step-Dimming (Driver) Use 2 switches to control dimming steps in logical way. Designed to retrofit fluorescent in-board / out-board set-up. [30% - 60% - 100%]

### DIMMING EXPANDED

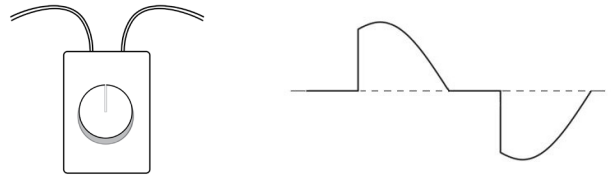
**10V**  
(STANDARD DRIVER)

→ **0-10V DIM**  
(Dim-to-off)  
(Aux 12V; mA)  
(0-10V use w/ wall dimmer or 0-10V Advanced Control)



**LVD**  
(OPTIONAL DRIVER)

→ **120-277V TRIAC (PHASE CUT)**  
(CFL/LED compatible dimmer required)



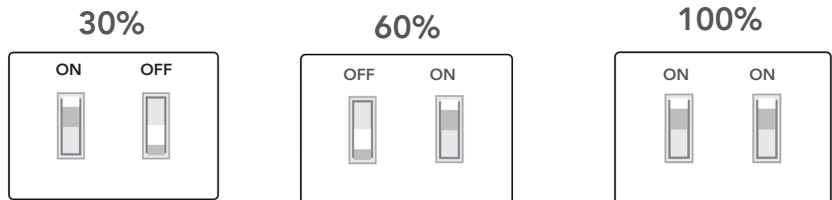
**1STEP**  
(OPTIONAL CONTROL MODULE)

→ **SINGLE SWITCH STEP DIM MODULE**  
(Use w/ standard LBE control-ready driver)  
Quick flip [ON-OFF-ON] to toggle between step dimming. [30% - 60% - 100%]



**2STEP**  
(OPTIONAL DRIVER)

→ **2 SWITCH**  
(Fluorescent in-board / out-board retrofit)



# RemPhos® OPTIONAL EMERGENCY BATTERY BACK-UP KIT



URNS ON WHEN POWER GOES OFF



90 MIN RUN TIME

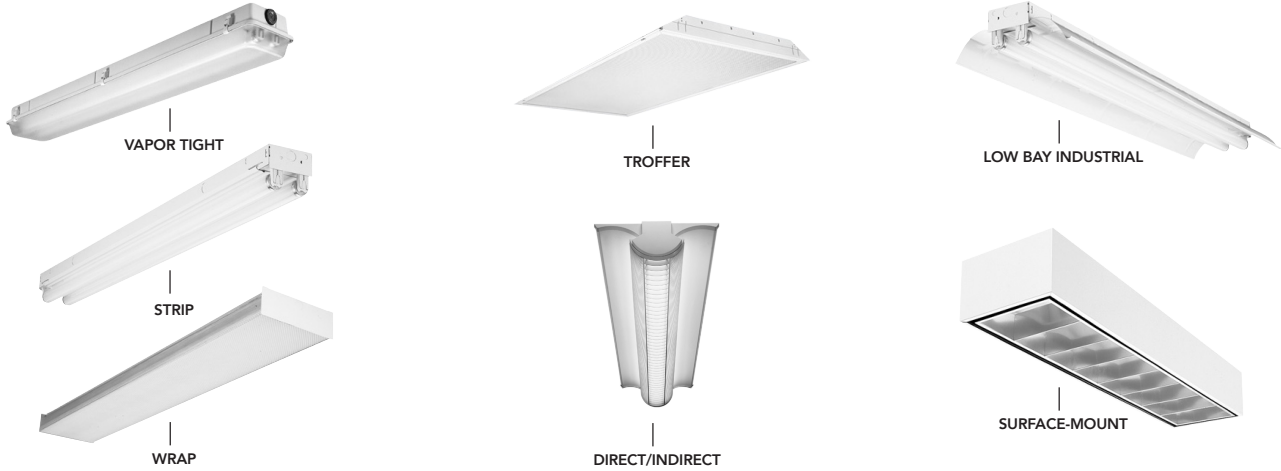


41°F TO 131°F  
OPERATING TEMP

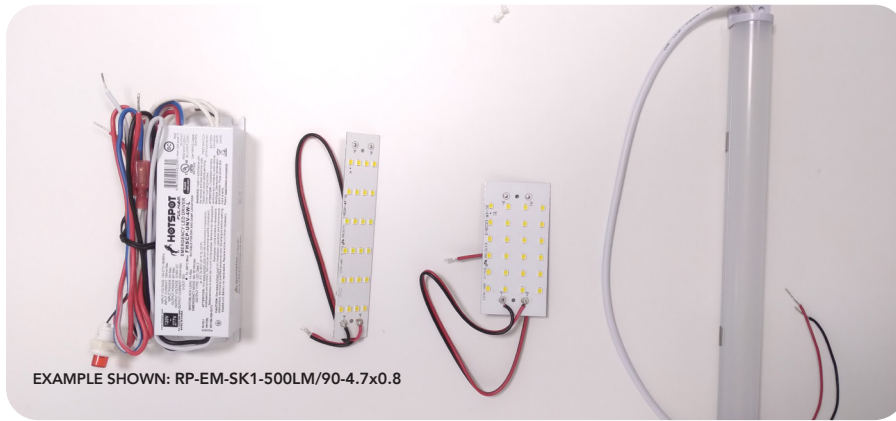


OPTIONAL EMG  
BATTERY BACKUP

EASILY ADD EM TO THESE FIXTURE STYLES, AND MORE!



EMG KIT W/  
LED-PCB



EXAMPLE SHOWN: RP-EM-SK1-500LM/90-4.7x0.8

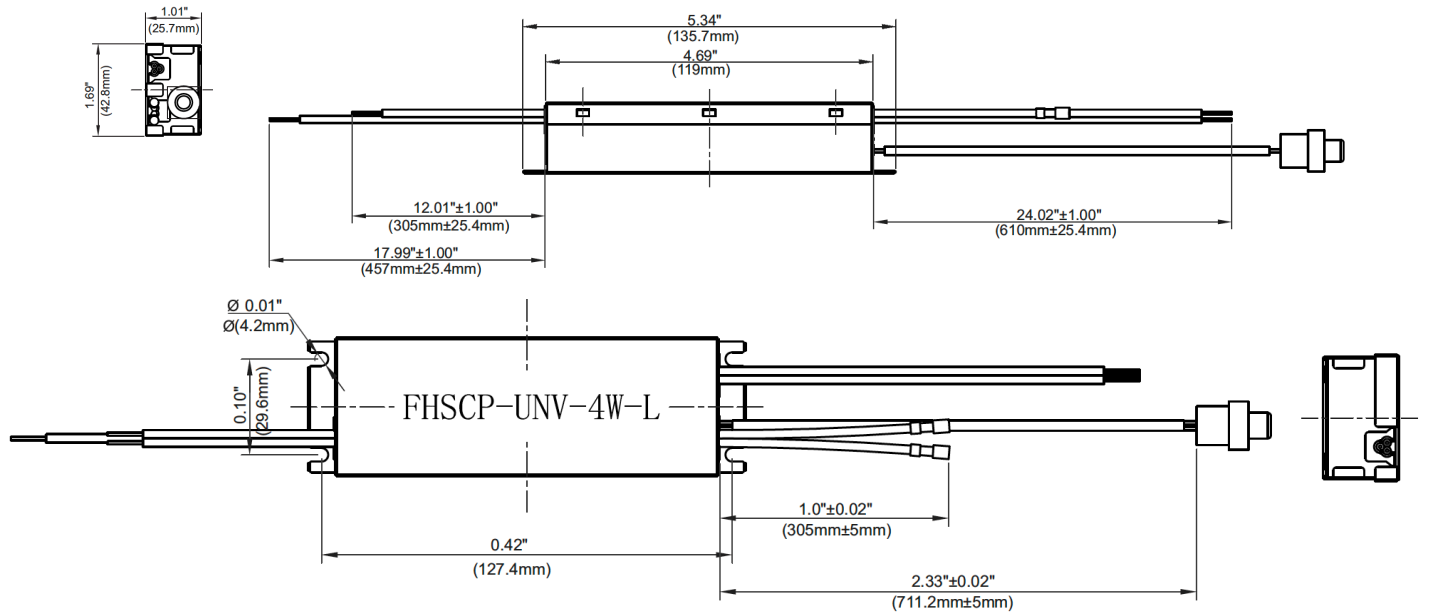
| PART #                     | UPC          | WATTAGE | LUMENS | CCT   | BATTERY RUN TIME | LED MODULE SIZE |
|----------------------------|--------------|---------|--------|-------|------------------|-----------------|
| RP-EM-SK1-500LM/90-3x1.5   | 844006072629 | 4W      | 500    | 5000K | 90 MIN           | 3.0" x 1.5"     |
| RP-EM-SK1-500LM/90-4.7x0.8 | 844006072636 |         |        |       |                  | 4.7" x 0.8"     |
| RP-EM-SK1-500LM/90-1FT     | 844006072643 |         |        |       |                  | 10.2" x 0.9"    |



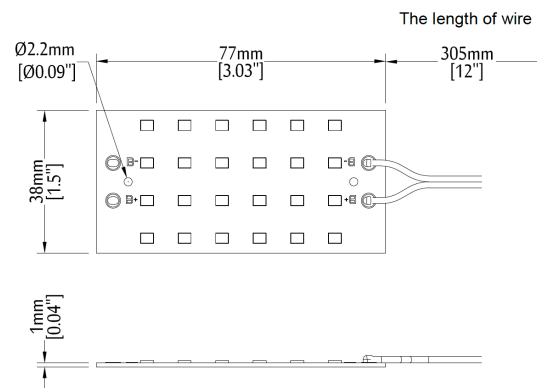
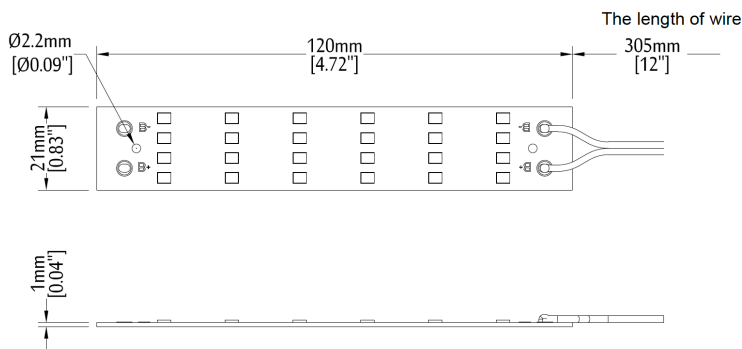
| PRODUCT SPEC                        | INFORMATION  |
|-------------------------------------|--|
| INPUT VOLTAGE / FREQUENCY           | 120-277V~, 50/60Hz   |
| INPUT CURRENT                       | 100mA Max  |
| INPUT POWER                         | 3W   |
| STANDBY POWER                       | <0.85W   |
| DRIVER TYPE                         | Constant Power   |
| CURRENT RATED                       | 333mA @ 12V, 73mA @ 55V  |
| OUTPUT VOLTAGE RANGE                | 12-55V   |
| OUTPUT POWER                        | 4W   |
| OUTPUT CLASS                        | LED Class 2  |
| NUMBER OF OUTPUT CHANNELS           | 1  |
| TEST SWITCH                         | Included   |
| PILOT LIGHT                         | Red Light  |
| BATTERY ON/OFF                      | Wire + Connector   |
| LOCATION TYPE                       | Dry Location   |
| INPUT SURGE PROTECTION              | Line-Neutral 1kV, Line & Neutral-Ground 2kV  |
| EMERGENCY MODE PROTECTIONS          | Battery Over Voltage Protection<br>Battery Under Voltage Protection<br>Battery Hot Plug at Normal Mode Protection<br>Battery Hot Plug at Emergency Mode Protection |
| RFI/EMI                             | FCC Part 15 Class A  |
| AMBIENT OPERATING TEMPERATURE RANGE | 5°C To 55°C (41°F To 131°F)  |
| BATTERY TYPE                        | LiFePO4  |
| BATTERY VOLTAGE                     | 6.4V   |
| BATTERY CAPACITY                    | 2Ah Max  |
| BATTERY CHARGE CURRENT              | 165mA  |
| BATTERY RECHARGE TIME               | 12 Hours   |
| BATTERY DISCHARGE TIME              | Minimum 90 Minutes   |
| SERVICE LIFE                        | 50,000 Hours   |
| WARRANTY                            | 5 Years  |



## EMG DRIVER DIMENSIONS

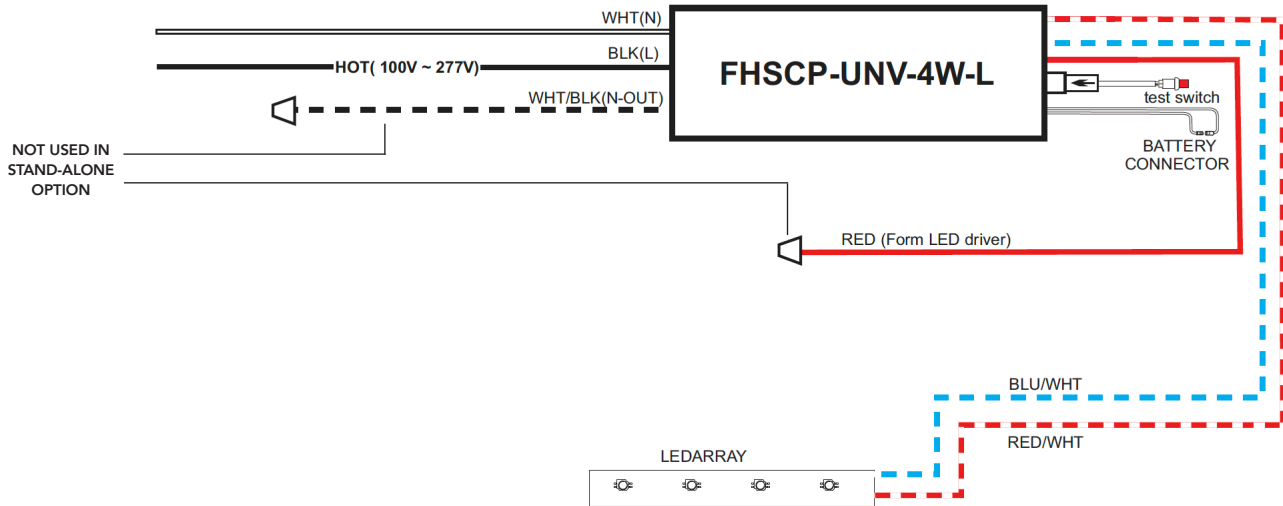


## LED MODULE DIMENSIONS - TO RECEIVE THIS KIT SIZE ORDER RP-EM-SK1-500LM/90-3X1.5





## WIRING DIAGRAM - STAND-ALONE KIT - FOR 8W CONTACT REMPHOS TECH SUPPORT



## ADDITIONAL INSTALL EXAMPLE





## MICROWAVE OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR

ORDERING **RC-OCC-HNS111-A**, IN ADDITION TO THE LBE 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 LBE WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT LEVELS ARE HIGH.



### ATTRIBUTES

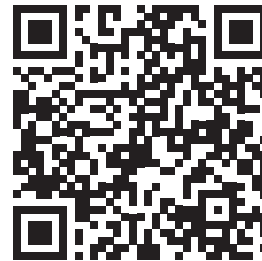
|                                 |             |
|---------------------------------|-------------|
| <b>DETECTION TECHNOLOGY</b>     | MICROWAVE   |
| <b>DETECTION TYPE</b>           | OCCUPANCY   |
| <b>SENSOR POWER</b>             | 12VDC       |
| <b>GROUPABLE</b>                | NO          |
|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

### IR12 REMOTE



- Sensor Off
- Dim +/-
- Sensor Mode
- Reset Function
- Ambient Learn
- Test Mode

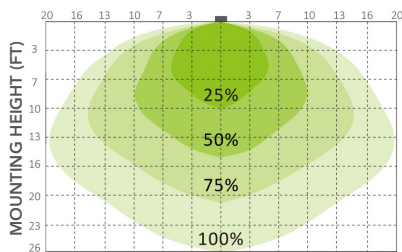
FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW



### DETECTION PATTERN / RC-OCC-HNS111-A

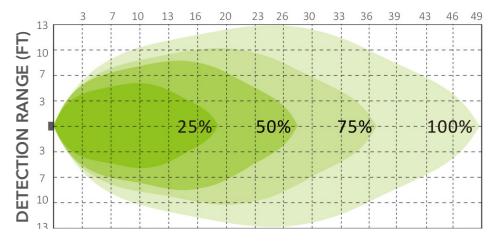
#### CEILING MOUNTING

##### DETECTION RANGE (FT)



#### WALL MOUNTING

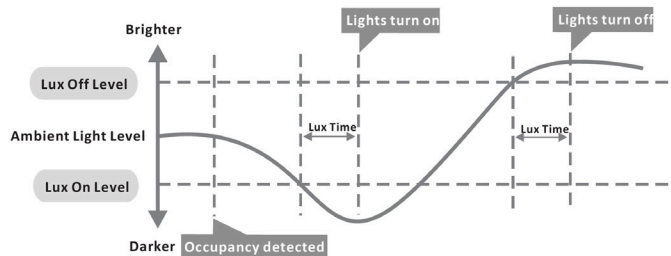
##### DETECTION DISTANCE (FT)



### DAYLIGHT HARVESTING / RC-OCC-HNS111-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 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 + ∞.





## LIMITED-RANGE MICROWAVE OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR

ORDERING **RC-OCLR-HNS11LR-A**, IN ADDITION TO THE LBE 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 LBE WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT LEVELS ARE HIGH.



### ATTRIBUTES

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

### IR12 REMOTE



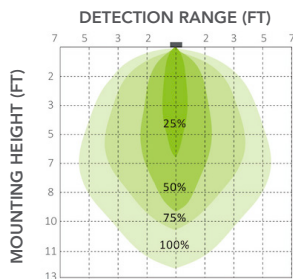
- Sensor Off
- Dim+/-
- Sensor Mode
- Reset Function
- Ambient Learn
- Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

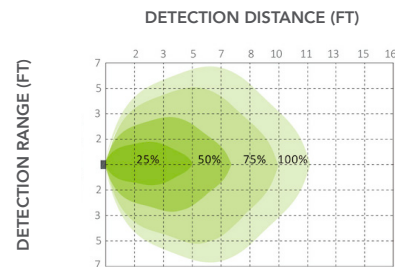


### DETECTION PATTERN / RC-OCLR-HNS11LR-A

#### CEILING MOUNTING



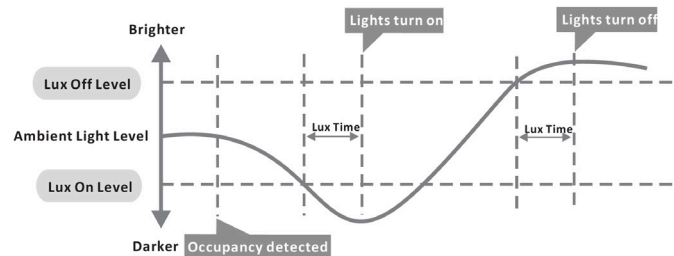
#### WALL MOUNTING



### DAYLIGHT HARVESTING / RC-OCLR-HNS11LR-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 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™ BLUETOOTH MICROWAVE MOTION AND DAYLIGHT HARVESTING SENSOR

ORDERING **RP-OCBT-HNB115MW**, IN ADDITION TO THE LBE PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



### ATTRIBUTES

|                                 |   |
|---------------------------------|---|
| <b>DETECTION TECHNOLOGY</b>     | MICROWAVE                                 |
| <b>DETECTION TYPE</b>           | OCCUPANCY / VACANCY                       |
| <b>SENSOR POWER</b>             | 12VDC                                     |
| <b>GROUPABLE</b>                | YES                                       |
| <b>NETWORK LIGHTING CONTROL</b> | YES                                       |
| <b>COMMISSIONING METHOD</b>     | SILVAIR APP + IR REMOTE FOR RANGE SETTING |
| <b>REMOTE</b>                   | IR 12                                     |
| <b>DAYLIGHT HARVESTING</b>      | YES                                       |
| <b>HI OR LOW TRIM</b>           | YES                                       |
| <b>BI-LEVEL DIMMING</b>         | YES                                       |
| <b>NETWORK TECHNOLOGY</b>       | SILVAIR BLUETOOTH MESH                    |
| <b>INSTALLATION TYPE</b>        | INTERNAL                                  |
| <b>DLC LISTED</b>               | YES + DLC NLC                             |
| <b>CONTROL CAPACITY</b>         | 10 FIXTURES                               |

### IR12 REMOTE

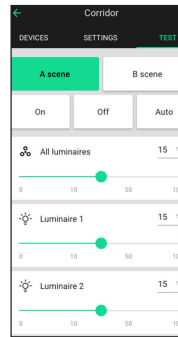


IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

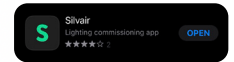


FOR MORE INFO SCAN ABOVE

### SILVAIR APP



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

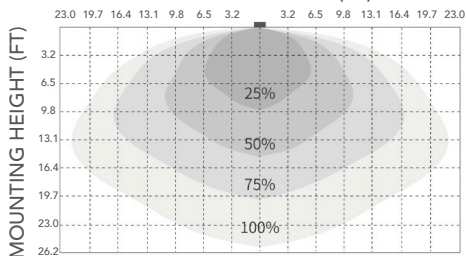


FOR MORE INFO SCAN ABOVE

### DETECTION PATTERN / RP-OCBT-HNB115MW

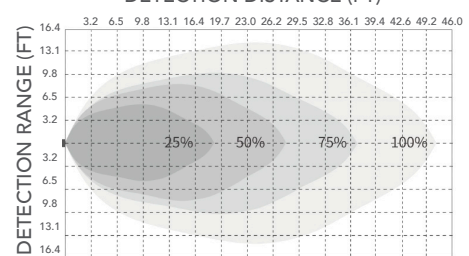
#### CEILING MOUNTING

##### DETECTION RANGE (FT)

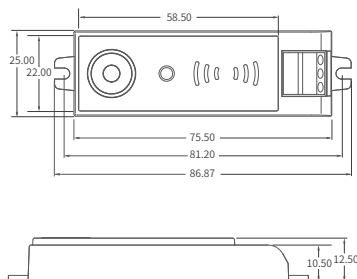


#### WALL MOUNTING

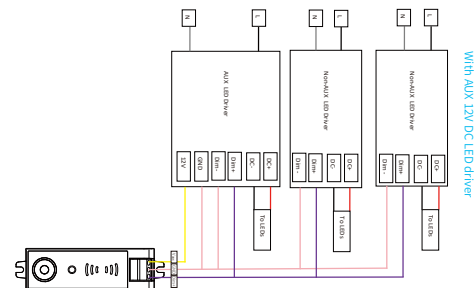
##### DETECTION DISTANCE (FT)



### DIMENSIONS / RC-OCBT-HNB115MW



### WIRING DIAGRAM / RC-OCBT-HNB115MW





## SILVAIR™ BLUETOOTH PASSIVE INFRARED MOTION AND DAYLIGHT HARVESTING SENSOR

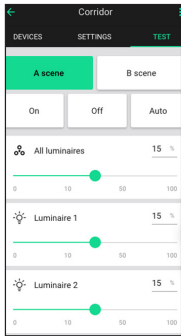
ORDERING **RC-OCCBT-HNB131PIR**, IN ADDITION TO THE LBE PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH PIR MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



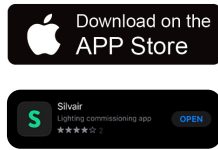
### ATTRIBUTES

|                                 |                        |
|---------------------------------|------------------------|
| <b>DETECTION TECHNOLOGY</b>     | PASSIVE INFRARED (PIR) |
| <b>DETECTION TYPE</b>           | OCCUPANCY / VACANCY    |
| <b>SENSOR POWER</b>             | 12VDC                  |
| <b>GROUPABLE</b>                | YES                    |
| <b>NETWORK LIGHTING CONTROL</b> | YES                    |
| <b>COMMISSIONING METHOD</b>     | SILVAIR APP            |
| <b>REMOTE</b>                   | IR 12                  |
| <b>DAYLIGHT HARVESTING</b>      | YES                    |
| <b>HI OR LOW TRIM</b>           | YES                    |
| <b>BI-LEVEL DIMMING</b>         | YES                    |
| <b>NETWORK TECHNOLOGY</b>       | BLUETOOTH              |
| <b>INSTALLATION TYPE</b>        | INTERNAL               |
| <b>DLC LISTED</b>               | YES + DLC NLC          |

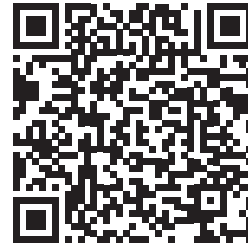
### SILVAIR APP



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

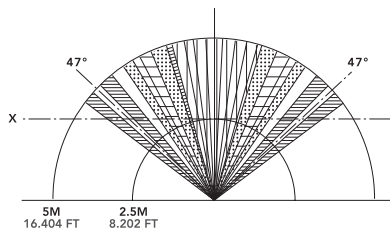


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW

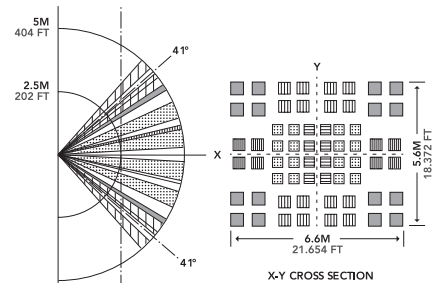


### DETECTION PATTERN

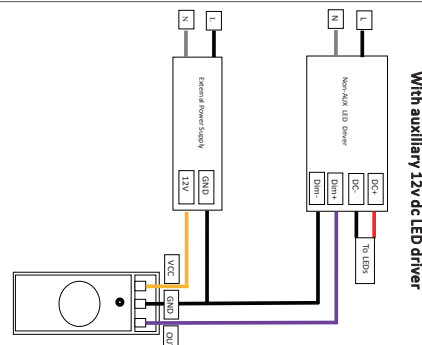
#### TOP VIEW



#### SIDE VIEW



### WIRING DIAGRAM / RC-OCCBT-HNB131PIR





## SILVAIR™ BLUETOOTH PASSIVE INFRARED EXTERNAL ARM SENSOR

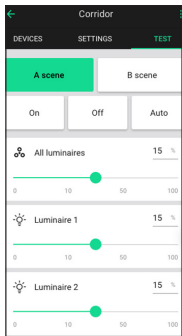
### ATTRIBUTES

ORDERING / **RP-OCCBT-Z10-ARM-HNB178-W**, IN ADDITION TO THE LBE 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 W/ SENSORS TO MAXIMIZE COST SAVINGS.

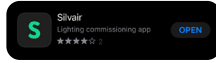


|                                 |               |
|---------------------------------|---------------|
| <b>DETECTION TECHNOLOGY</b>     | NONE          |
| <b>DETECTION TYPE</b>           | NONE          |
| <b>SENSOR POWER</b>             | 12VDC         |
| <b>GROUPABLE</b>                | YES 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

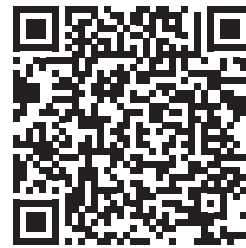
### SILVAIR APP



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

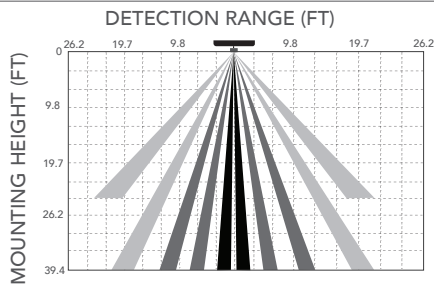


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW

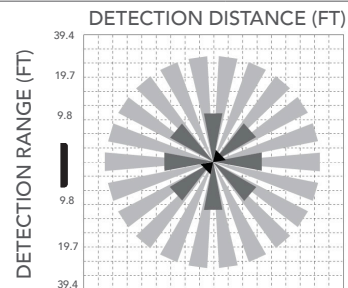


### DETECTION PATTERN / RP-OCCBT-Z10-ARM-HNB178-W

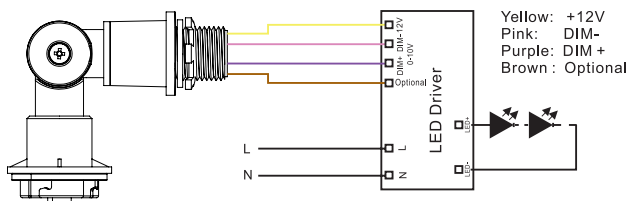
#### CEILING MOUNTING



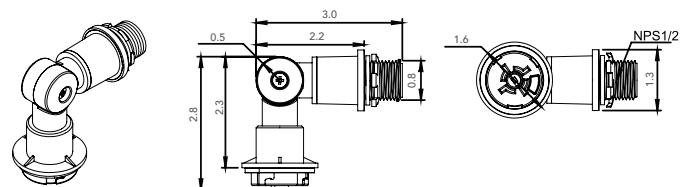
#### WALL MOUNTING



### ARM WIRING DIAGRAM



### ARM DIMENSIONS (IN)





## SILVAIR™ BLUETOOTH CONTROL NODE

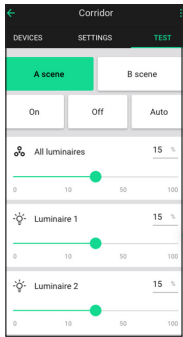
ORDERING **RC-BT-HNB131CTL**, IN ADDITION TO THE LBE PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP ON ROBUST BLUETOOTH MESH. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE COST SAVINGS.



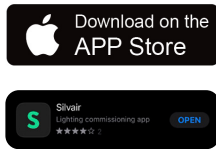
### ATTRIBUTES

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

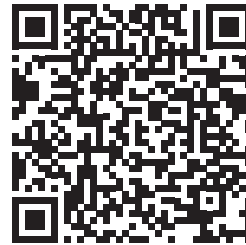
### SILVAIR APP



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



FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW





## SILVAIR™ BLUETOOTH NODE W/ EXTERNAL ANTENNA

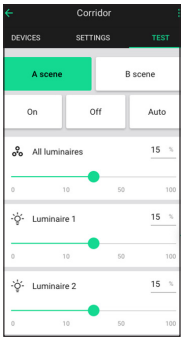
ORDERING **RC-BTX-HNB136**, IN ADDITION TO THE LBE PART NUMBER, UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP ON ROBUST BLUETOOTH MESH. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE COST SAVINGS.



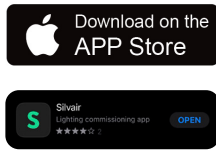
### ATTRIBUTES

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

### SILVAIR APP

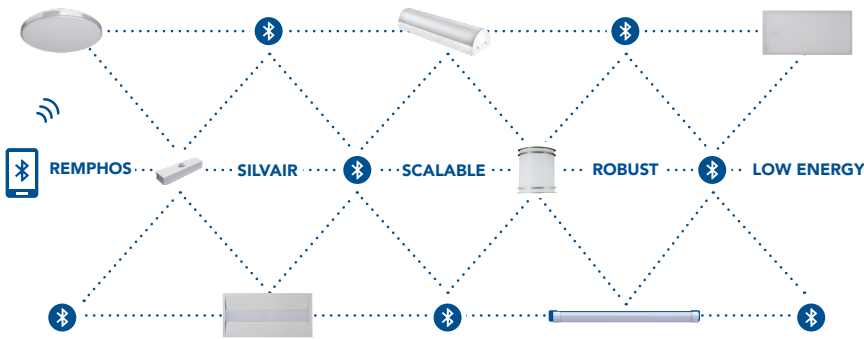


SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW





## WHAT IS SILVAIR?

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

## HOW DOES IT CONNECT?

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

## DOWNLOAD SILVAIR APPS



MOBILE APP Apple App Store  
or  
WEB APP [platform.silvaair.com](http://platform.silvaair.com)

