LED BARKIT-INTERNAL DRIVER (LBI) THE LINEAR TRANSFORMER

**one light – unlimited possibilities**

available in both BASE & PRO

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**DEFAULT CONFIGURATIONS**

<table>
<thead>
<tr>
<th>PART #</th>
<th>UPC</th>
<th>DESCRIPTION</th>
<th>WATTAGE</th>
<th>LUMENS</th>
<th>LPW</th>
<th>CCT (K)</th>
<th>DLC PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP-LBI-G1-2F-6W-40K-WC</td>
<td>844006023867</td>
<td>2FT PRO INTERNAL DRIVE LIGHT BAR</td>
<td>6/9/12</td>
<td>780-1560</td>
<td>126-137</td>
<td>2700/3000/3500</td>
<td>PTTC4A0W</td>
</tr>
<tr>
<td>RP-LBI-G1-3F-10W-27K-WC2</td>
<td>844006024833</td>
<td>3FT PRO WARM CCT INTERNAL DRIVE LIGHT BAR</td>
<td>10/12/15</td>
<td>1270-1980</td>
<td>127-132</td>
<td>2700/3000/3500</td>
<td>PCW0MQPB</td>
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<tr>
<td>RP-LBI-G1-3F-10W-40K-WC</td>
<td>844006023959</td>
<td>3FT PRO INTERNAL DRIVE LIGHT BAR</td>
<td>10/12/15</td>
<td>1400-2100</td>
<td>137-142</td>
<td>3500/4000/5000</td>
<td>PMROEESV</td>
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<tr>
<td>RP-LBI-G1-4F-15W-27K-WC2</td>
<td>844006024840</td>
<td>4FT PRO WARM CCT INTERNAL DRIVE LIGHT BAR</td>
<td>10/15/25</td>
<td>1260-3400</td>
<td>126-136</td>
<td>2700/3000/3500</td>
<td>PCW0MQPB</td>
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<tr>
<td>RP-LBI-G1-4F-15W-40K-WC</td>
<td>844006024079</td>
<td>4FT PRO INTERNAL DRIVE LIGHT BAR</td>
<td>10/15/25</td>
<td>1462-3653</td>
<td>136-146</td>
<td>3500/4000/5000</td>
<td>PCW0MQPB</td>
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<td>RP-LBI-G1-4F-15W-40K-B</td>
<td>844006024215</td>
<td>4FT BASE INTERNAL DRIVE LIGHT BAR</td>
<td>15</td>
<td>1996</td>
<td>139</td>
<td>4000</td>
<td>PMROEESV</td>
</tr>
</tbody>
</table>

Default settings are above. See pages 7 and 8 for additional styles, lumen packages, color temperatures and options.

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**POPULAR ACCESSORIES (SOLD SEPARATELY)**

- Emergency Battery Backup
- Linking Cables
- Seamless Connector
- OC2 Sensor Kit
- Suspended In-Line Bracket Kit
- Incoming Power Kit

*INCOMING POWER KIT NOW SOLD SEPARATELY – SEE PAGE 3 FOR DETAILS

(SEE PAGE 11 FOR MORE ACCESSORIES)
Usage & Applications

One solution. ETL and DLC listed as both a retrofit kit and a fixture.

Retrofit Kit
Using the fast install magnetic brackets, light bars fit between any T5, T8 or T12 socketed fixture including
- Troffers
- Vapor Tight
- Wrap
- High Bay
- Continuous Runs
- Utility Strip

Example 2x2 and 2x4 retrofitted with 3 light bars.

Fixture
ETL and DLC listed as a fixture under the following categories
- Stairwell Fixture
- Linear Ambient Fixture
- High Bay Fixture (Low Ceiling Heights)
- High Bay Fixture (High Ceiling Heights)

Retrofit Mounting Kits
Mount light bar to a Retrofit Mounting Kit for a faster, cleaner install.
- contact us for details.

Fixture Housing Kits
Mount light bar to a Fixture Housing Kit for a faster, cleaner install.
- contact us for details.
INCLUDED WITH EVERY BAR

2X Surface Mount Magnetic Clips (w/ easy bend and break lines)
4X 1/4” hex head-self drilling screws
1X Flex setting cover

INCOMING POWER KIT: RP-LBI-G1-IP-3F-DIM – SOLD SEPARATELY

Kit Includes:
1 Incoming power cable (bar input side)
1 Service Disconnect
1 Abrasion protection grommet

WIRING DIAGRAM
The Linear Transformer

With up to 146 lumens per watt, and up to 25 years of virtually maintenance free operation, learn why smart decision makers use the The Linear Transformer when upgrading to LED.

Perfect replacement for

- Linear and general purpose
- Strips & Wraps
- Troffers
- Vapor Tights
- Low bay and High bay
- Coves and Soffits
- Stairwells
LEDBarKit-Internal Driver (LBI)

FEATURES

The Linear Transformer is available in both BASE and PRO versions – choose which is best for you!

9 SKUs in 1 WITH FLEXWATT™ & FLEXCOLOR™ TECHNOLOGY

**flexWATT**

- 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**

- 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 basic control (integrated high/low and daylight sensor) or advanced controls (such as, Philips Easy Sense, Avi-On Bluetooth or Lutron Vive).
- Optional sensors are directly linkable to the light bars.
- 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 style fixtures.
- High Bay pendant chain options available.

CONNECT UP TO 40 LIGHT BARS ON ONE INCOMING POWER CABLE

Up to 146 LUMENS PER WATT EFFICACY

10 YEAR WARRANTY, L70 >100,000HRS

OPTIONAL EMERGENCY BATTERY BACKUP

OPTIONAL BAA SECTION 1605
HOW IT WORKS
Our exclusive LED driver is designed to operate at 90%+ efficiency at each wattage setting. Our competitor’s drivers have much lower efficiency (as low as 60%) which results in poor performance and reduced efficacy.

WATTAGE CHOICES

<table>
<thead>
<tr>
<th>WATTAGE SELECTION</th>
<th>2FT</th>
<th>3FT</th>
<th>4FT</th>
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</thead>
<tbody>
<tr>
<td>6W</td>
<td>6W</td>
<td>10W</td>
<td>10W</td>
</tr>
<tr>
<td>9W</td>
<td>9W</td>
<td>12W</td>
<td>15W</td>
</tr>
<tr>
<td>12W</td>
<td>12W</td>
<td>15W</td>
<td>25W</td>
</tr>
</tbody>
</table>

WATTAGE SELECTION
Adjust the 3-position slide switch, no tools required.

HOW IT WORKS
We select the highest efficacy, multiple color LED diodes from quality suppliers, and mount them on the circuit board. A proprietary LED binning process ensures color consistency between fixtures. The FlexColor technology ensures the desired color is selected, every time.

COLOR CHOICES

<table>
<thead>
<tr>
<th>FLEXCOLOR SLIDE SWITCH POSITION</th>
<th>TOP</th>
<th>MIDDLE</th>
<th>BOTTOM</th>
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</thead>
<tbody>
<tr>
<td>-27K-WC2</td>
<td>2700K</td>
<td>3000K</td>
<td>3500K</td>
</tr>
<tr>
<td>-40K-WC</td>
<td>3500K</td>
<td>4000K</td>
<td>5000K</td>
</tr>
</tbody>
</table>

COLOR SELECTION
Adjust the 3-position slide switch, no tools required.
LEDBarKit-Internal Driver (LBI)

EXPLODED CONSTRUCTION VIEW

93% TRANSMISSION RATE PC LENS

FLEX COLOR LED BOARD

OC2 SENSOR

LINKABLE DIFFUSED END CAP, SEAMLESS CONNECTION. INTEGRAL 0-10V AND AUXILIARY 12V OUTPUT FUNCTION.

6063 ALUMINUM EXTRUSION

INCLUDED WITH EVERY BAR

2X Surface Mount Magnetic Clips (w/ easy bend and break lines)

4X 1/4” hex head-self drilling screws

DIMENSIONS

2X

RP-LBI-G1-2F...

19.3”

31.3”

RP-LBI-G1-3F...

43.3”

RP-LBI-G1-4F...

Cable Dimensions

7.25mm - 0.28 Inch for DIM cable,

6.35mm - .25 inch for NO-DIM cables

02.08.21 Information is subject to change without notice.
### LEDBarKit-Internal Driver (LBI)

- **Part #**
- **DLC QPL (Fixture)**
- **DLC QPL (Retrofit)**
- **Voltage**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Voltage</th>
<th>DLC QPL (Fixture)</th>
<th>DLC QPL (Retrofit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>120-277V</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>2</td>
<td>240-347V</td>
<td>Y</td>
<td>Y</td>
</tr>
</tbody>
</table>

- All models on the DLC QPL are premium listed.

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02.08.21 Information is subject to change without notice.
Default lumen package (wattage and CCT) are shown below in bold. There are two ways to achieve a non-default lumen package and/or CCT:

1. You can easily adjust in field via our FlexWatt and FlexColor internal switches.
2. Have us adjust the FlexWatt and FlexColor at the factory for an additional charge.

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 cable.

All models on the DLC QPL are premium listed.

### BASE VERSION (4FT, 1X BAR KIT) - 15W ONLY

<table>
<thead>
<tr>
<th>PART #</th>
<th>DESCRIPTION</th>
<th>WATTAGE</th>
<th>LUMENS</th>
<th>LPW</th>
<th>CCT (K)</th>
<th>DLC PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP-LBI-G1-4F-15W-40K-B</td>
<td>4FT BASE INTERNAL DRIVE LIGHT BAR</td>
<td>15</td>
<td>1996</td>
<td>139</td>
<td>4000</td>
<td>PMROEESV</td>
</tr>
</tbody>
</table>

### STAIRWELL FIXTURE

<table>
<thead>
<tr>
<th>PART #</th>
<th>DESCRIPTION</th>
<th>WATTAGE</th>
<th>LUMENS</th>
<th>LPW</th>
<th>CCT (K)</th>
<th>DLC PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP-LBI-G1-2F-12W-40K-W-OC2</td>
<td>2FT INTERNAL DRIVE LIGHT BAR STAIRWELL KIT</td>
<td>12</td>
<td>1560</td>
<td>130</td>
<td>4000</td>
<td>P3QOVAJH</td>
</tr>
<tr>
<td>RP-LBI-G1-4F-15W-40K-W-OC2</td>
<td>4FT INTERNAL DRIVE LIGHT BAR STAIRWELL KIT</td>
<td>15</td>
<td>2055</td>
<td>137</td>
<td>4000</td>
<td>P51G17X9</td>
</tr>
</tbody>
</table>

Kit comes with 1X light Bar + OC2 Motion Sensor Kit.

02.08.21 Information is subject to change without notice.
As you will see on the following pages, there are many possible uses for The Linear Transformer. If your application calls for multiple light bars in a single fixture, there are two possible ways to order and wire (see below).

**PARALLEL**
Multiple incoming power cables can be grouped together under the ballast cover to make connection to incoming power and controls.

**SERIES (WITH LINKING CABLE)**
This method is the fastest. The first light bar uses an incoming power cable, additional light bars are linked using “linking cables” which are available in a variety of lengths. Linking cable are sold separately.

**SERIES (WITH SEAMLESS CONNECTOR)**
This method provides a near seamless appearance between the bars. The first light bar uses an incoming power cable, additional light bars are linked using “seamless connectors” which are sold separately.
**PRODUCT DESCRIPTION**

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.

**OPERATION**

When AC power fails, The EM-H Series emergency LED driver immediately switches to the emergency mode, operating the LEDs at full lumen output for a minimum of 90 minutes (25W max load). When AC power is restored, the emergency driver automatically returns to the charging mode.

**FEATURES**

1. Long life recyclable Lithium battery.
2. Integration of test switch and charge indicator.
3. Used for exterior or interior of luminaire.
4. The power of LED luminaire < power of emergency driver.

**MOUNTING CONFIGURATION:**

RP-LBI-EMG1-25W  Single Flex (Standard Version)
Mounts to the junction box and provides flexible conduit for remote mounting of the test accessories.

RP-LBI-EMG2-25W  Dual Flex (Optional)
Provides dual flex for wiring to both fixture or driver compartment and test accessories.

**TYPICAL WIRING DIAGRAM**

**EM-H Series**

UL Listed LED Emergency Driver

Unrivaled emergency solutions for LED Products with Internal drivers

**DIMENSIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>L</th>
<th>W</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM-H25170-XX</td>
<td>17.14”</td>
<td>2.13”</td>
<td>1.57”</td>
</tr>
</tbody>
</table>

**RP-LBI-EMG1-25W**
(EM-H25170-XX)

- Output Power: 25 Watts (Max Load)
- Output Voltage: 170V DC
- Input Current: 60 mA (Max)
- Input Power: 8 Watts (Max)
- Input Voltage: 120-277VAC, 50-60Hz
- Emergency Operation: >90 Minutes
- Operating Temp: 0° to 50°C
- Battery: Lithium
- Recharge: 36 Hrs
- Dimensions: L 17.14” X W 2.13” X H 1.57”
**LINKING CABLES & SEAMLESS CONNECTORS**

Use Linking Cables and Seamless Connectors to easily connect the power and control wires from one light bar to another. The **DIM** version of the linking cables and seamless connector link all connections (AC power; 12V Aux power; 0-10V DIM signal) from light bar to light bar. Use these items to control all light bars from one sensor or incoming cable connection. The **NODIM** version of these items only links the AC power. Use these items to AC power all light bars with a single power feed; but separate control signals into individual groups.

**4.7IN SPACER CONNECTOR** | RP-LBI-SRC-4.7IN (SINGLE PACK)

Use the 4.7in Spacer Connector to bring the length of the bar system to a standard dimension (24in, 36in, 48in). This is useful when retrofitting linear fixtures of a standard length. It allows for the bar to be centered on each standard-length fixture. Each 4.7in spacer connector comes with (2) Seamless Connector-DIM.

*Note: spacer does not emit light*

**OC2 SENSOR KIT** | RP-LBI-OC2 (SINGLE PACK)

Sensor OC2 is a Tri-Level, remote controllable high frequency sensor designed to easily integrate with the light bars. It is totally plug&play! It can dim the light bars down to conserve more energy from both motion and daylight. The OC2 sensor controls the 0-10V DIM signal in both directions from the Sensor unit. Each sensor kit comes with (1) OC2 sensor (4.7 inch); (1) surface mount magnetic clip; (2) Seamless Connector-DIM; (1) 12" Linking Cable-DIM. See RP-LBI-OC2 data sheet for more details.

**SURFACE MOUNT MAGNETIC CLIP** | RP-LBI-SMM-10P (10 PACK ONLY)

The Surface Mount Magnetic Clip provides the most universal method for attaching the light bar to a wall, ceiling, or fixture to be retrofitted. The mounting tabs that extend perpendicularly from the light bar can be easily removed by bending and breaking on the pre-scored line. The strong rare-earth magnets are intended to hold light bars in place while installing mechanical fasteners. Not intended for permanent installation with magnets only.

*Two of these clips are included in each light bar kit.*

**SUSPENDED IN-LINE BRACKET KIT** | RP-LBI-SIL-KIT-10P (10 PACK ONLY)

The Suspended In-Line Bracket is a wide clip that fastens over the junction of 2 light bars to keep them straight in-line and provides mounting points for common suspension methods (air craft cable, drop chain, etc.)

Cable = 9.8 feet

**T-BAR CLIP** | RP-LBI-T1516-10P (10 PACK ONLY)

The T-Bar Clip is the fastest way to mount a light bar to a T-Bar grid ceiling. Works with standard 15/16" grid only.

**BLADE CLIP** | RP-LBI-BLC-10P (10 PACK ONLY)

The Blade Clip is designed to provide a retrofit solution for fixtures that have thin sheet metal or plastic film reflectors commonly found on high bay fixtures. 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 or where the distance between available mounting points is greater than the length of the light bar. It is common to attach the blade to the same point holding the thin reflector to the fixture frame.

**UP DOWN CLIP** | RP-LBI-UDC-10P (10 PACK ONLY)

Use the Up/Down clip with our suspended in-line kit to clip a shorter bar to provide up-light. For example if suspending a 4ft, use the 3ft OR 2ft as the up-light, (so there is room for the suspension-kit connection). The RP-LBI-
LEDBarKit-Internal Driver (LBI)

SUSPENDED IN LINE KIT*

RECOMMENDED INSTALLATION

CONTINUOUS RUN

CONTINUOUS RUN WITH OPTIONAL OC2 SENSOR KIT
OC2 Sensor can be installed on either end or in between any bars

CONTINUOUS RUN WITH SPACER CONNECT
Ideal for retrofitting fixtures of standard length

ACCESSORIES

SEAMLESS CONNECTOR*
RP-LBI-SSC-DIM (sold separately)
Links the OCC control signal to all bars.
RP-LBI-SSC-NODIM (sold separately)
Isolates each OCC control group within the continuous run.

*SUSPENDED IN-LINE BRACKET KIT
RP-LBI-SIL (sold separately)
Recommended qty = number of bars + 1

DIMENSIONS

19.3”
RP-LBI-G1-2F-...

31.3”
RP-LBI-G1-3F-...

43.3”
RP-LBI-G1-4F-...

18IN
12IN
6IN

LINKING CABLES*
RP-LBI-LC-6IN-DIM
RP-LBI-LC-6IN-NODIM
RP-LBI-LC-12IN-DIM
RP-LBI-LC-12IN-NODIM
RP-LBI-LC-18IN-DIM
RP-LBI-LC-18IN-NODIM

*When calculating continuous run, note that actual lengths are less than what is stated in the part number.

* Choose the appropriate linking cable length based on the dimensions of your fixture.

02.08.21 Information is subject to change without notice.
RECOMMENDED INSTALLATION

PARALLEL
This method is the most cost effective. Each light bar comes with its own incoming power cable. Multiple incoming power cables are connected together under the ballast cover.

SERIES
This method is the fastest. The first light bar uses an incoming power cable, additional light bars are linked using “linking cables” which are available in a variety of lengths. Linking cables are sold separately.

ACCESSORIES

INCOMING POWER CABLES

LINKING CABLES*
- RP-LBI-LC-6IN-DIM
- RP-LBI-LC-6IN-NODIM
- RP-LBI-LC-12IN-DIM
- RP-LBI-LC-12IN-NODIM
- RP-LBI-LC-18IN-DIM
- RP-LBI-LC-18IN-NODIM

* Choose the appropriate linking cable length based on the dimensions of your fixture.
**RECOMMENDED INSTALLATION**

**PARALLEL**
Multiple incoming power cables are connected together under the ballast cover.

**SERIES**
This method is the fastest. The first light bar uses an incoming power cable, additional light bars are linked using “linking cables” which are available in a variety of lengths.

**ACCESSORIES**

**INCOMING POWER CABLES**

**LINKING CABLES**

- RP-LBI-LC-6IN-DIM
- RP-LBI-LC-6IN-NODIM
- RP-LBI-LC-12IN-DIM
- RP-LBI-LC-12IN-NODIM
- RP-LBI-LC-18IN-DIM
- RP-LBI-LC-18IN-NODIM

* Choose the appropriate linking cable length based on the dimensions of your fixture.
**RECOMMENDED INSTALLATION**

**CONTINUOUS RUN**

**CONTINUOUS RUN WITH OPTIONAL OC2 SENSOR KIT**
OC2 Sensor can be installed on either end or in between any bars

**CONTINUOUS RUN WITH SPACER CONNECT**
Ideal for retrofitting fixtures of standard length

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Length</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.3”</td>
<td>RP-LBI-G1-2F-...</td>
</tr>
<tr>
<td>31.3”</td>
<td>RP-LBI-G1-3F-...</td>
</tr>
<tr>
<td>43.3”</td>
<td>RP-LBI-G1-4F-...</td>
</tr>
</tbody>
</table>

*When calculating continuous run, note that actual lengths are less than what is stated in the part number.

**ACCESSORIES**

**SEAMLESS CONNECTOR**
RP-LBI-SSC-DIM (sold separately)
Links the OCC control signal to all bars.
RP-LBI-SSC-NODIM (sold separately)
Isolates each OCC control group within the continuous run.

*All continuous run installations require seamless connectors.

**SURFACE MOUNT MAGNETIC CLIP**
RP-LBI-SMM (2x included with bar)

**SUSPENDED IN-LINE BRACKET KIT**
RP-LBI-SIL (sold separately)
Recommended qty = number of bars + 1

**T-BAR CLIP**
RP-LBI-T1516 (sold separately)
Recommended qty = 2x per bar

**4.7in SPACER CONNECTOR**
RP-LBI-SRC-4.7IN (sold separately)

**INCOMING POWER CABLES**

*Connect up to 40 units on one incoming power cable.

**LIGHT EFFICIENT DESIGN HEADQUARTERS**
188 S. Northwest Highway • Cary, IL 60013
INNOVATION & MANUFACTURING CENTER 30 Log Bridge Road, Building 200 • Middleton, MA 01949
847.380.3540 • led-llc.com

02.08.21 Information is subject to change without notice.
This method is the most cost effective. Each light bar comes with its own incoming power cable. Multiple incoming power cables are connected together under the ballast cover.

Choose the appropriate linking cable length based on the dimensions of your fixture.

Light Bars are DLC listed under the high bay fixture category. You can choose to purchase Light Bars only and hang/mount as a standalone fixture or retrofit an existing high bay fixture housing as shown above.

* Example Retrofit. Fixture not included.
LEDBarKit-Internal Driver (LBI)
STAIRWELL FIXTURE KIT / UTILITY FIXTURE*

* Example Retrofit. Fixture not included.

STAIRWELL FIXTURE KIT INCLUDES

ORDERING #
2FT: RP-LBI-2F-12W-40K-W-OC2

1 - INCOMING POWER CABLE

1 - OC2 SENSOR KIT
RP-LBI-OC2
Sensor + Seamless Connector-DIM

UTILITY FIXTURE

To use as a standalone utility fixture, purchase 1X Light Bar kit and 1X incoming power cable kit.

Fixture housings to be used as wiring and emergency battery compartment currently in development. Call for more information.
Remote Control Settings

If satisfied with OC2 default settings, remote control is not needed. If settings need to be changed, optional remote control (RP-OC2-REMOTE-IR11), is required.

**PERMANENT ON FUNCTION**
Press ‘ON’ button, fixture goes to permanent on mode, sensor is disabled. With memory function against power failure.
* Press ‘Auto’ or ‘Reset’ to quit this mode.

**PERMANENT OFF FUNCTION**
Press ‘OFF’ button, fixture goes to permanent off mode, sensor is disabled.
* Press ‘Auto’ or ‘Reset’ learn’ to quit this mode.

**SENSOR MODE**
Press ‘Auto’ button, the sensor starts to work and all settings remain the same as the latest status before the light was switched on/off.

**RESET FUNCTION**
Press ‘Reset’ button, all settings go back to factory default settings.

**FACTORY DEFAULT SETTINGS - REMOTE REQUIRED TO CHANGE SETTINGS**
- Sensitivity=50%
- Daylight sensor=disable
- Hold time=5min
- Twilight time=+∞
- Twilight level=30%

**NOTE** daylight harvest function is disabled in factory default mode. Choose the appropriate lux threshold first to activate the daylight harvest function.

**DISABLE DAYLIGHT SENSOR**
Press ‘Disable’ button, the daylight sensor will be disabled, the motion sensor will work always, even in daytime.

**TEST MODE**
‘Test mode’ is used for testing purpose only, for users to check the desired detection range.

Quit test mode by pressing any other button of ‘Hold time’. The sensor settings are changed accordingly.

**TEST MODE SETTINGS**
- Daylight sensor=disable
- Hold time=3s
- Twilight time=N/A
- Twilight level=N/A

* The buzzer short beeps (~0.5s) ONCE when sensor successfully receives RC signal after pressing any button.

* When “twilight level” set at 0%, it becomes ON/OFF control.

* The sensor controls the LBI fixtures w/ 0-10V inputs. Even if on/off only function is desired, the OC2 sensor is only compatible w/ PRO series LBI products. (Not compatible w/ LBI Base series)