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CONTROLS MADE EASY

Ideal wireless solution for dramatically improving energy savings in commercial, educational, retail, and office environments. The combination occupancy and daylight harvesting sensor is controlled via cell phone App enabling the user to easily create groups, setup zones, adjust maximum light output, hold time after motion detection, background light levels, prolonged time at background light levels, fade time between occupied and background light levels, and adjust ECO light levels. There is no commissioning, annual maintenance plan purchases, or scheduled technician visits required. Simply order the desired fixture with this feature pre-installed, download the App, and start taking control of your lighting environment today!

COMPATIBLE FIXTURES:
- LANCE
- PANELOPE
- FLTR
- VOLA
- AIRVOLA
- FLT
- FZ
- RZ
- FF
- SQ
- FWS

COMPATIBLE CELL PHONES:
- LG G4
- Samsung S4 mini
- Samsung S4
- Samsung S5
- Samsung S6
- Samsung Note 4
- Samsung Note Edge 1

FEATURES / BENEFITS
Compact Occupancy / Daylight Harvesting In One Device
- Create Groups & Setup Zones
  - Control Up To Forty Sensors Per Group
- Enabled App Allows You Complete Control Over:
  - Turning On / Off Occupancy And / Or Daylight Functions
  - Setting Maximum Lumen Output (100% - 5%)
  - Eco On Level (100% - 5%)
  - Hold Time Once Motion Is Detected (1 - 120 minutes)
  - Background Light Level When Space Is Unoccupied (100% - 5%)
  - Length Of Time Dimming From On To Background (0 - 25 Sec.)
  - Prolong Amount Of Time Background Level Lasts. (0 - ∞ minutes)
- Time To On / Off Light Levels At 0.7 Seconds
- Easily Controlled Via IR Enabled Android Smart Phone
- Saved Program Profiles Allows For Easy Commissioning Of Multiple Zones
- Control Up To (4) Fixtures Per One Control
- Wireless / Batteryless Wall Switch
EASYSENSE APP CONFIGURATION

PROGRAM STEPS
1. Create Your Group
2. Add Wireless Wall Switch
3. Close Group
4. Configure Group Performance
5. Program Group
6. Relax & Enjoy

INSTALLATION RECOMMENDATIONS:
- Mounting Height: 8-10ft
- 2ft minimum distance away from windows
- 5ft minimum distance away from other control
- Occupancy Sensing area divided into 2 parts:
  - Minor Movement: Y1 & Y2 (person moving <3 ft/s)
  - Major Movement: Y2 & X2 (person moving >3 ft/s)

DIMENSIONS:

<table>
<thead>
<tr>
<th>INSTALL HEIGHT</th>
<th>MINOR MOVEMENT AREA</th>
<th>MAJOR MOVEMENTS AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>Y1</td>
<td>X1</td>
</tr>
<tr>
<td>9.5 ft</td>
<td>9.5 ft</td>
<td>8.9 ft</td>
</tr>
<tr>
<td>11.8 ft</td>
<td>11.2 ft</td>
<td>11.2 ft</td>
</tr>
<tr>
<td></td>
<td>Y2</td>
<td>X2</td>
</tr>
<tr>
<td>14.8 ft</td>
<td>11.8 ft</td>
<td>17.7 ft</td>
</tr>
</tbody>
</table>

LED INDICATOR LIGHTS:
- Yellow LED On: Vacancy & Sensor is functional
- Red LED On: Motion is detected and hold time is not expired yet

INSTALLATION:
- Aim your device at the fixture you want to start your group with and press 'create group'. The fixture dims down. If not, please try again.
- Create group
- Add switch
- easiest IR
- Assign Scene
- Select scene
- scene 1

EASYSENSE OVERVIEW:
- Occupancy Sensor (PIR)
- Light Sensor
- Infrared Receiver
- LED Indicator
- NFC Antenna
- Yellow LED On
- Red LED On

INSTALL HEIGHT:
- Y1
- X1
- Y2
- X2

MINOR MOVEMENT AREA:
- H: 9.5 ft
- Y1: 9.5 ft
- X1: 8.9 ft
- Y2: 14.8 ft
- X2: 9.5 ft

MAJOR MOVEMENTS AREA:
- H: 11.8 ft
- Y1: 11.2 ft
- X1: 11.2 ft
- Y2: 17.7 ft
- X2: 11.8 ft

FIELD TASK LEVEL
- 100%
- 50%

ECO ON LEVEL
- 67%
- 30%

BACKGROUND LIGHT LEVEL
- 20%
- 10%

HOLD TIME
- 15.0 min
- 5.0 min

PROVING TIME
- 15 min
- infinity
# BOB - Bolt On Board

## FEATURES
- LED board & driver kits for recessed lighting applications
- ETL Listed LED Retrofit Kit (UL1598C) for 1x4, 2x2, & 2x4 troffers
- Diffuse light with optional frosted sheet
- Multiple light outputs
- 3000K, 3500K, 4000K and 5000K color options
- 0-10V Dimming Driver (100% - 5%)
- 120V-277V Universal Voltage
- 5 Year Warranty On Components
- All necessary hardware included:
  - Ballast disconnect
  - Self tapping screws
  - Jumper wires
  - Power wires
  - Ground wires
  - Wire nuts
  - Ground & rating labels
- DesignLights Consortium® Qualified Luminaire

## SUITABLE APPLICATIONS

| 1x4’s | 2x2’s | 2x4’s | Parabolics | Prismatic Lenses | Air-handling units |

## PART NUMBER

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>LUMENS</th>
<th>WATTS</th>
<th>Lm/W</th>
<th>L70</th>
<th>CRI</th>
<th>REPLACES</th>
<th>DLC LISTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOB-23WLED-2BD-UNIV-40</td>
<td>2,316</td>
<td>23</td>
<td>101</td>
<td>&gt;100K</td>
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<tr>
<td>BOB-31WLED-4BD-UNIV-40</td>
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## OPTIONS

### ACCESSORIES

<table>
<thead>
<tr>
<th>FRL</th>
<th>Frosted Acrylic Lens</th>
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</thead>
<tbody>
<tr>
<td>ADH</td>
<td>Factory Installed Adhesive</td>
</tr>
<tr>
<td>PW</td>
<td>Pre-wired &amp; Assembled Kit from Factory</td>
</tr>
<tr>
<td>ILBCP05</td>
<td>5W LED Factory Installed Battery Backup</td>
</tr>
<tr>
<td>ILBCP07</td>
<td>7W LED Factory Installed Battery Backup</td>
</tr>
<tr>
<td>ILBCP10</td>
<td>10W LED Factory Installed Battery Backup</td>
</tr>
<tr>
<td>ILBCP12</td>
<td>12W LED Factory Installed Battery Backup</td>
</tr>
</tbody>
</table>

## SUITABLE APPLICATIONS

- 1x4’s
- 2x2’s
- 2x4’s
- Parabolics
- Prismatic Lenses
- Air-handling units
FEATURES

- Upgrade any 2x2 or 2x4 fluorescent troffer to LED with modern architectural styling
- 24 LEDs per module spaced 3/4" apart results in low pixilation
- No tools required for easy installation into the existing fixture housing
- Average install time: 5 minutes
- Available in 4000K
- 0-10V Dimming Driver (100% - 5%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- DesignLights Consortium® Premium Qualified Luminaire

SUITABLE APPLICATIONS

- 2x2's
- 2x4's
- Parabolics Louvers
- Prismatic Lenses

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>LUMENS</th>
<th>WATTS</th>
<th>Lm/W</th>
<th>L70</th>
<th>CRI</th>
<th>REPLACES</th>
<th>DLC LISTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIF22-25WLED-UNIV-40</td>
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<td>23</td>
<td>130</td>
<td>&gt;100K</td>
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<td>DLC P</td>
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<tr>
<td>BIF22-30WLED-UNIV-40</td>
<td>3,840</td>
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OPTIONS

ACCESSORIES

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<tr>
<th>ASSEMBLY</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>ILBCP05</td>
<td>5W LED Battery Backup</td>
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<tr>
<td>ILBCP07</td>
<td>7W LED Battery Backup</td>
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<tr>
<td>ILBCP10</td>
<td>10W LED Battery Backup</td>
</tr>
<tr>
<td>ILBCP12</td>
<td>12W LED Battery Backup</td>
</tr>
</tbody>
</table>
LANCE 1x4 - Latch & Close

FEATURES
- LED Retrofit Kit for recessed lighting applications
- One-piece unit with universal mounting brackets for rapid installation
- Pre-painted aluminum
- Acrylic frosted lens easily removes for cleaning
- Tool-less access to driver
- Average install time: less than 3 minutes
- 3000K, 3500K, 4000K, & 5000K color options
- 0-10V Dimmable Driver
  - LANCE14 - 13W / 22W / 30W / 35W / 42W (100% - 5%)
  - LANCE14 - 52W / 59W (100% - 1%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- ETL Listed for (UL1598C)
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS
- 1x4’s
- Parabolics
- Prismatic Lenses
- Air-handling units

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
---|---|---|---|---|---|---|---
LANCE14-13WLED-UNIV-40 | 1,579 | 13 | 116 | >100K | >80 | 1T8 | DLC
LANCE14-22WLED-UNIV-40 | 2,768 | 22 | 124 | >100K | >80 | 1T8 | DLC P
LANCE14-30WLED-UNIV-40 | 3,704 | 30 | 122 | >100K | >80 | 2T8 | DLC P
LANCE14-35WLED-UNIV-40 | 4,261 | 36 | 120 | >100K | >80 | 1T5HO | DLC
LANCE14-42WLED-UNIV-40 | 4,903 | 42 | 117 | >100K | >80 | 1T5HO | DLC
LANCE14-52WLED-UNIV-40 | 6,215 | 52 | 120 | >100K | >80 | 3T8 | DLC
LANCE14-59WLED-UNIV-40 | 6,904 | 59 | 117 | >100K | >80 | 2T5HO | DLC

OPTIONS

ACCESSORIES
- POSTP  Post Painted Aluminum
- FI/ILBCP05  5W LED Factory Installed Battery Backup
- FI/ILBCP07  7W LED Factory Installed Battery Backup
- FI/ILBCP10  10W LED Factory Installed Battery Backup
- FI/ILBCP12  12W LED Factory Installed Battery Backup
- SD347  347V Step Down Transformer
- SD480  480V Step Down Transformer
- BLD  Bi-level Dim Driver

CONTROLS
- ES  EasySense Control
- ES/WWS  EasySense Wall Switch
- ES/PCD  Pre-installed app on controlled device for commissioning
### FEATURES
- LED Retrofit Kit for recessed lighting applications
- One-piece unit with universal mounting brackets for rapid installation
- Pre-painted aluminum
- Acrylic frosted lens easily removes for cleaning
- Tool-less access to driver
- Average install time: less than 3 minutes
- 3000K, 3500K, 4000K, & 5000K color options
- 0-10V Dimmable Driver
  - LANCE22 - 16W / 22W / 26W / 30W / 35W (100% - 5%)
  - LANCE22 - 52W (100% - 1%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- ETL Listed for (UL1598C)
- DesignLights Consortium® Qualified Luminaire

### SUITABLE APPLICATIONS
- 2x2’s
- Parabolics
- Prismatic Lenses
- Air-handling units

### PART NUMBER

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>LUMENS</th>
<th>WATTS</th>
<th>Lm/W</th>
<th>L70</th>
<th>CRI</th>
<th>REPLACES</th>
<th>DLC LISTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANCE22-16WLED-UNIV-40</td>
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<td>LANCE22-22WLED-UNIV-40</td>
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<td>&gt;80</td>
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<td>DLC</td>
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<td>LANCE22-26WLED-UNIV-40</td>
<td>3,326</td>
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<td>128</td>
<td>&gt;100K</td>
<td>&gt;80</td>
<td>3T8</td>
<td>DLC P</td>
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<tr>
<td>LANCE22-30WLED-UNIV-40</td>
<td>3,843</td>
<td>31</td>
<td>126</td>
<td>&gt;100K</td>
<td>&gt;80</td>
<td>3T8</td>
<td>DLC P</td>
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<tr>
<td>LANCE22-35WLED-UNIV-40</td>
<td>4,466</td>
<td>35</td>
<td>126</td>
<td>&gt;100K</td>
<td>&gt;80</td>
<td>4T8</td>
<td>DLC</td>
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<tr>
<td>LANCE22-52WLED-UNIV-40</td>
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<td>52</td>
<td>117</td>
<td>&gt;100K</td>
<td>&gt;80</td>
<td>6T8</td>
<td>DLC</td>
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<td>LANCE22-16WLED-UNIV-40-90CRI</td>
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<td>112</td>
<td>&gt;100K</td>
<td>&gt;90</td>
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<td>DLC</td>
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<td>LANCE22-22WLED-UNIV-40-90CRI</td>
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<td>22</td>
<td>112</td>
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<td>&gt;90</td>
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<td>LANCE22-30WLED-UNIV-40-90CRI</td>
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<td>30</td>
<td>111</td>
<td>&gt;100K</td>
<td>&gt;90</td>
<td>3T8</td>
<td>DLC</td>
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<td>LANCE22-35WLED-UNIV-40-90CRI</td>
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<td>&gt;100K</td>
<td>&gt;90</td>
<td>3T8</td>
<td>DLC</td>
</tr>
</tbody>
</table>

### OPTIONS

**ACCESSORIES**
- POSTP  | Post Painted Aluminum
- FI/ILBCP05 | 5W LED Factory Installed Battery Backup
- FI/ILBCP07 | 7W LED Factory Installed Battery Backup
- FI/ILBCP10 | 10W LED Factory Installed Battery Backup
- FI/ILBCP12 | 12W LED Factory Installed Battery Backup
- SD347 | 347V Step Down Transformer
- SD480 | 480V Step Down Transformer
- BLD | Bi-level Dim Driver

**CONTROLS**
- ES | EasySense Control
- ES/WW5 | EasySense Wall Switch
- ES/PCD | Pre-installed app on controlled device for commissioning
LANCE 2x4 - Latch & Close

FEATURES
- LED Retrofit Kit for recessed lighting applications
- One-piece unit with universal mounting brackets for rapid installation
- Pre-painted aluminum
- Acrylic frosted lens easily removes for cleaning
- Tool-less access to driver
- Average install time: less than 3 minutes
- 3000K, 3500K, 4000K and 5000K available
- 0-10V Dimmable Driver
- LANCE24 - 22W / 30W / 35W / 42W (100% - 5%)
- LANCE24 - 47W / 55W (100% - 1%)
- 5 Year Warranty
- ETL Listed for (UL1598C)
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS
- 2x4’s
- Parabolics
- Prismatic Lenses
- Air-handling units

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
LANCE24-22WLED-UNIV-40 | 2,948 | 22 | 134 | >100K | >80 | 2T8 | DLC P
LANCE24-30WLED-UNIV-40 | 3,923 | 30 | 129 | >100K | >80 | 2T8 | DLC P
LANCE24-35WLED-UNIV-40 | 4,400 | 34 | 131 | >100K | >80 | 3T8 | DLC P
LANCE24-42WLED-UNIV-40 | 5,254 | 42 | 124 | >100K | >80 | 3T8 | DLC
LANCE24-47WLED-UNIV-40 | 6,156 | 47 | 131 | >100K | >80 | 4T8 | DLC P
LANCE24-55WLED-UNIV-40 | 7,053 | 55 | 128 | >100K | >80 | 6T8 | DLC P

90CRI

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
LANCE24-30WLED-UNIV-40-90CRI | 3,281 | 29 | 111 | >100K | >90 | 2T8 | DLC
LANCE24-35WLED-UNIV-40-90CRI | 3,824 | 35 | 110 | >100K | >90 | 2T8 | DLC
LANCE24-42WLED-UNIV-40-90CRI | 4,539 | 42 | 109 | >100K | >90 | 3T8 | DLC

OPTIONS

ACCESSORIES
- POSTP Post Painted Aluminum
- FI/LBCP05 5W LED Factory Installed Battery Backup
- FI/LBCP07 7W LED Factory Installed Battery Backup
- FI/LBCP10 10W LED Factory Installed Battery Backup
- FI/LBCP12 12W LED Factory Installed Battery Backup
- SD347 347V Step Down Transformer
- SD480 480V Step Down Transformer
- BLD Bi-level Dim Driver

CONTROLS
- E5 EasySense Control
- E5/WW5 EasySense Wall Switch
- E5/PCD Pre-installed app on controlled device for commissioning
SUITE APPLICATIONS

- Offices
- Schools
- Hallways
- Multipurpose Rooms
- Conference Rooms

FEATURES

- 1x4, 2x2, & 2x4 Flat Panel Retrofit
- Slim, low profile design with Edge-Lit Technology
- Aluminum post painted housing
- One piece unit with universal mounting bracket for rapid installation
- Average install time: 3 minutes
- 3500K & 4000K color options available
- 0-10V Dimmable Driver (100% - 10%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- UL Listed

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
PANELOPE14-20WLED-U-40 | ~2,500 | ~20 | ~125 | >100K | >80 | 2T8 | 3500K
PANELOPE14-30WLED-U-40 | ~3,750 | ~30 | ~125 | >100K | >80 | 2T8 | 3500K
PANELOPE22-20WLED-U-40 | ~2,500 | ~20 | ~125 | >100K | >80 | 2T8 | 3500K
PANELOPE22-30WLED-U-40 | ~3,750 | ~30 | ~125 | >100K | >80 | 3T8 | 3500K
PANELOPE24-30WLED-U-40 | ~3,750 | ~30 | ~125 | >100K | >80 | 2T8 | 3500K
PANELOPE24-36WLED-U-40 | ~4,500 | ~36 | ~125 | >100K | >80 | 3T8 | 3500K

OPTIONS

ACCESSORIES

- FI/ILBCP05: 5W LED Factory Installed Battery Backup
- FI/ILBCP07: 7W LED Factory Installed Battery Backup
- FI/ILBCP10: 10W LED Factory Installed Battery Backup
- FI/ILBCP12: 12W LED Factory Installed Battery Backup
- FUSE/SL: Single-line Voltage Fuse for 120V, 277V or 347V
- FUSE/DL: Dual-line Voltage Fuse for 208V, 240V or 480V
- SD347: 347V Step Down Transformer
- SD480: 480V Step Down Transformer

CONTROLS

- ES: EasySense Control
- ES/WW: EasySense Wall Switch
- ES/PCD: Pre-installed app on controlled device for commissioning
### FEATURES
- LED Retrofit Kit for recessed lighting applications
- One-piece unit with universal mounting brackets for rapid installation
- Post-painted aluminum
- Acrylic frosted lens easily removes for cleaning
- Tool-less access to driver
- Average install time: less than 3 minutes
- 3500K & 4000K color options
- 0-10V Dimmable Driver (100% - 5%)
- 5 Year Warranty
- ETL Listed for (UL1598C)
- DesignLights Consortium® Premium Qualified Luminaire

### VALUE LANCE

#### PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
VLN24-19WLED-UNIV-40-ND | 2,868 | 19 | 148 | >100K | >80 | 2T8 | DLC P
VLN24-33WLED-UNIV-40-ND | 4,634 | 33 | 140 | >100K | >80 | 3T8 | DLC P
VLN24-23WLED-UNIV-40 | 3,159 | 22 | 141 | >100K | >80 | 2T8 | DLC P
VLN24-26WLED-UNIV-40 | 3,466 | 26 | 136 | >100K | >80 | 2T8 | DLC P
VLN24-31WLED-UNIV-40 | 4,378 | 31 | 139 | >100K | >80 | 3T8 | DLC P
VLN24-35WLED-UNIV-40 | 4,853 | 35 | 137 | >100K | >80 | 3T8 | DLC P
VLN24-38WLED-UNIV-40 | 4,978 | 38 | 132 | >100K | >80 | 3T8 | DLC P
VLN24-48WLED-UNIV-40 | 6,300 | 48 | 132 | >100K | >80 | 4T8 | DLC P

### OPTIONS

#### ACCESSORIES
- DIMx* Set Specific Wattage
- FI/LBCP05 5W LED Factory Installed Battery Backup
- FI/LBCP07 7W LED Factory Installed Battery Backup
- FI/LBCP10 10W LED Factory Installed Battery Backup
- FI/LBCP12 12W LED Factory Installed Battery Backup
- BLD Bi-level Dim Driver

#### CONTROLS
- ES* EasySense Control
- ES/WW5* EasySense Wall Switch
- ES/PCD* Pre-installed app on controlled device for commissioning

* Incompatible with non-dimming fixtures

### SUITABLE APPLICATIONS
- 2x4’s
- Parabolics
- Prismatic Lenses
- Air-handling units

### FEATURES
- LED Retrofit Kit for recessed lighting applications
- One-piece unit with universal mounting brackets for rapid installation
- Post-painted aluminum
- Acrylic frosted lens easily removes for cleaning
- Tool-less access to driver
- Average install time: less than 3 minutes
- 3500K & 4000K color options
- 0-10V Dimmable Driver (100% - 5%)
- 5 Year Warranty
- ETL Listed for (UL1598C)
- DesignLights Consortium® Premium Qualified Luminaire

### VALUE LANCE

#### PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
VLN24-19WLED-UNIV-40-ND | 2,868 | 19 | 148 | >100K | >80 | 2T8 | DLC P
VLN24-33WLED-UNIV-40-ND | 4,634 | 33 | 140 | >100K | >80 | 3T8 | DLC P
VLN24-23WLED-UNIV-40 | 3,159 | 22 | 141 | >100K | >80 | 2T8 | DLC P
VLN24-26WLED-UNIV-40 | 3,466 | 26 | 136 | >100K | >80 | 2T8 | DLC P
VLN24-31WLED-UNIV-40 | 4,378 | 31 | 139 | >100K | >80 | 3T8 | DLC P
VLN24-35WLED-UNIV-40 | 4,853 | 35 | 137 | >100K | >80 | 3T8 | DLC P
VLN24-38WLED-UNIV-40 | 4,978 | 38 | 132 | >100K | >80 | 3T8 | DLC P
VLN24-48WLED-UNIV-40 | 6,300 | 48 | 132 | >100K | >80 | 4T8 | DLC P

### OPTIONS

#### ACCESSORIES
- DIMx* Set Specific Wattage
- FI/LBCP05 5W LED Factory Installed Battery Backup
- FI/LBCP07 7W LED Factory Installed Battery Backup
- FI/LBCP10 10W LED Factory Installed Battery Backup
- FI/LBCP12 12W LED Factory Installed Battery Backup
- BLD Bi-level Dim Driver

#### CONTROLS
- ES* EasySense Control
- ES/WW5* EasySense Wall Switch
- ES/PCD* Pre-installed app on controlled device for commissioning

* Incompatible with non-dimming fixtures

### SUITABLE APPLICATIONS
- 2x4’s
- Parabolics
- Prismatic Lenses
- Air-handling units
FEATURES

- Architectural design
- One piece unit w/ universal mounting brackets for rapid installation
- Flat frosted acrylic lens
- .040 aluminum pre-painted housing
- Post paint available
- Average install time: less than 3 minutes
- 3000K, 3500K, & 4000K color options
- 0-10V Dimming Driver (100% - 5%)
- 120-277V Universal Voltage
- 5 Year Warranty
- ETL Listed
- DesignLights Consortium® Qualified Luminaire

FEATURES

- Architectural design
- One piece unit w/ universal mounting brackets for rapid installation
- Flat frosted acrylic lens
- .040 aluminum pre-painted housing
- Post paint available
- Average install time: less than 3 minutes
- 3000K, 3500K, & 4000K color options
- 0-10V Dimming Driver (100% - 5%)
- 120-277V Universal Voltage
- 5 Year Warranty
- ETL Listed
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS

- 1x4’s
- 2x2’s
- 2x4’s
- Air-handling units
- Parabolics
- Prismatic Lenses

PART NUMBER

<table>
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<tr>
<th>PART NUMBER</th>
<th>LUMENS</th>
<th>WATTS</th>
<th>Lm/W</th>
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OPTIONS

ACCESSORIES

- POSTP Post Painted Aluminum
- FI/ILBCP05 5W LED Factory Installed Battery Backup
- FI/ILBCP07 7W LED Factory Installed Battery Backup
- FI/ILBCP10 10W LED Factory Installed Battery Backup
- FI/ILBCP12 12W LED Factory Installed Battery Backup
- SD347 347V Step Down Transformer
- SD480 480V Step Down Transformer
- BLD Bi-level Dim Driver

CONTROLS

- ES EasySense Control
- ES/WW5 EasySense Wall Switch
- ES/PCD Pre-installed app on controlled device for commissioning
FEATURES

- LED Retrofit Kit for recessed lighting applications
- Replaces parabolics, lensed door frames, and air-handling units with one piece
- Custom kit designed per application
- 1x4, 2x2, & 2x4 retrofit solutions
- 13W - 59W (1,679 lm - 7,265 lm)
- Volumetric or flat lens options
- Pre-painted aluminum (std.)
- Postpaint option
- Connected Controls
  - EasySense - Lutron
  - Enlighted - Magnum
- Tool-less access to driver
- Battery Backup options
- Bi-level dim options
- 120V-277V Universal Voltage
- 5 Year Warranty
- ETL Listed
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS

- Office Buildings
- Schools
- Retail
- Multipurpose Rooms

PROCESS

1) Fill Out Form

Job Name: _________________________________
Distributor/REP: ___________________________
Fixture Dimensions:
Length: ___________ Width: ___________ Depth: ___________
Parabolic Dimensions:
Length: ___________ Width: ___________ Depth: ___________
When will a sample fixture and/or parabolic be sent to the factory? ________________________________

2) Send Door Frame and/or Fixture to be Molded

Qty of Fixtures: _________________
Phone Number: _______________________

Desired Wattage: ___________ Color Temperature: _________________ Voltage: _________________
Desired Lumens: ___________ Sensor: _________________ Dimming: _________________

Air Handling: ☐ Picture of Housing: ☐
VOLUMETRIC TROFFER

FEATURES
• Architectural design
• Steel housing
• White powdercoat finish
• Integrated hurricane clips
• Frosted acrylic lens easily removes for cleaning
• TypeIC (suitable for insulation contact)
• 3500K and 4000K available
• 0-10V Dimmable Driver (100% - 5%)
• 120V-277V Universal Voltage
• 5 Year Warranty
• DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS
• Schools
• Hallways
• Multipurpose Rooms
• Offices
• Conference Rooms

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
---|---|---|---|---|---|---|---
VOL22-24WLED-UNIV-40 | 2,898 | 22 | 126 | >100K | >80 | 2T8 | DLC P
VOL22-30WLED-UNIV-40 | 3,780 | 30 | 126 | >100K | >80 | 3T8 | DLC P
VOL24-30WLED-UNIV-40 | 3,780 | 32 | 126 | >100K | >80 | 2T8 | DLC P
VOL24-34WLED-UNIV-40 | 4,590 | 34 | 135 | >100K | >80 | 4T8 | DLC P
VOL24-56WLED-UNIV-40 | 7,004 | 55 | 127 | >100K | >80 | 6T8 | DLC P

OPTIONS
ACCESSORIES
- FI/ILBCP05 5W LED Factory Installed Battery Backup
- FI/ILBCP07 7W LED Factory Installed Battery Backup
- FI/ILBCP10 10W LED Factory Installed Battery Backup
- FI/ILBCP12 12W LED Factory Installed Battery Backup
- WHIP/6FT 6ft MC Cable Whip w/ 3 Leads
- WHIP/6FT/4WIRE 6ft 4 Wire MC Cable Whip w/ 3 leads attached to power & 1 lead for battery backup
- WHIP/6FT/5WIRE/600V 6ft 5 Wire MC Cable Whip w/ 3 leads attached to power & 2 leads attached to dimming
- WHIP/6FT/6WIRE/600V 6ft 6 Wire MC Cable w/ 3 leads for fixture power, 2 leads for dimming & 1 for battery backup

MOUNTING
- FLGK Flange Kit

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VOLA - 1x4 American Made Volumetric Troffer

FEATURES
- Architectural design
- .040 Aluminum pre-painted housing
- Post paint available
- Frosted acrylic lens easily removes for cleaning
- 3000K, 3500K, and 4000K available
- Type IC (suitable for insulation contact)
- 0-10V Dimmable Driver
  - VOLA14 - 22W / 30W / 35W / 42W (100% - 5%)
  - VOLA14 - 52W / 59W (100% - 1%)
- 120V-277V Universal voltage
- 5 Year Warranty
- ETL Listed
- DesignLights Consortium® Qualified Luminaire

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
---|---|---|---|---|---|---|---
VOLA14-22WLED-UNIV-40 | 2,882 | 23 | 128 | >100K | >80 | 1T8 | DLC P
VOLA14-30WLED-UNIV-40 | 3,839 | 31 | 125 | >100K | >80 | 2T8 | DLC P
VOLA14-35WLED-UNIV-40 | 4,418 | 36 | 123 | >100K | >80 | 1T5HO | DLC P
VOLA14-42WLED-UNIV-40 | 5,175 | 42 | 122 | >100K | >80 | 3T8 | DLC P
VOLA14-52WLED-UNIV-40 | 6,542 | 52 | 124 | >100K | >80 | 4T8 | DLC P
VOLA14-59WLED-UNIV-40 | 7,083 | 58 | 118 | >100K | >80 | 2T5HO | DLC

OPTIONS

ACCESSORIES
- POSTP: Post Painted Aluminum
- BLD: Bi-level Dim Driver
- FI/LBPC05: 5W LED Factory Installed Battery Backup
- FI/LBPC07: 7W LED Factory Installed Battery Backup
- FI/LBPC10: 10W LED Factory Installed Battery Backup
- FI/LBPC12: 12W LED Factory Installed Battery Backup
- SD347: 347V Step Down Transformer
- SD480: 480V Step Down Transformer
- WHIP/6FT: 6ft MC Cable Whip w/ 3 Leads
- WHIP/6FT/4WIRE: 6ft 4 Wire MC Cable Whip w/ 3 leads attached to power & 1 lead for battery backup
- WHIP/6FT/5WIRE/600V: 6ft 5 Wire MC Cable Whip w/ 3 leads attached to power & 2 leads attached to dimming
- WHIP/6FT/6WIRE/600V: 6ft 6 Wire MC Cable w/ 3 leads for fixture power, 2 leads for dimming & 1 for battery backup

CONTROLS
- ES: EasySense Control
- ES/WWS: EasySense Wall Switch
- ES/PCD: Pre-installed app on controlled device for commissioning

MOUNTING
- FLGK: Flange Kit
- HC: Hurricane Clips
- SM: Surface Mount

SUITABLE APPLICATIONS
- Schools
- Hallways
- Offices
- Multipurpose Rooms
- Conference Rooms
VOLA - 2x2 American Made Volumetric Troffer

**FEATURES**
- Architectural design
- .040 Aluminum pre-painted housing
- Post paint available
- Frosted acrylic lens easily removes for cleaning
- 3000K, 3500K, and 4000K available
- Type IC (suitable for insulation contact)
- 0-10V Dimmable Driver
  - VOLA22 - 18W / 22W / 26W / 30W / 35W (100% - 5%)
  - VOLA22 - 52W (100% - 1%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- ETL Listed
- DesignLights Consortium® Qualified Luminaire

**SUITABLE APPLICATIONS**
- Schools
- Hallways
- Multipurpose Rooms
- Offices
- Conference Rooms

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<th>PART NUMBER</th>
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<th>WATTS</th>
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**90CRI**

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**OPTIONS**

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<th>CONTROLS</th>
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**ACCESSORIES**
- Post Painted Aluminum
- Bi-level Dim Driver
- 5W LED Factory Installed Battery Backup
- 7W LED Factory Installed Battery Backup
- 10W LED Factory Installed Battery Backup
- 12W LED Factory Installed Battery Backup
- 347V Step Down Transformer
- 480V Step Down Transformer
- 6ft MC Cable Whip w/ 3 Leads
- 6ft 4 Wire MC Cable Whip w/ 3 leads attached to power & 1 lead for battery backup
- 6ft 5 Wire MC Cable Whip w/ 3 leads attached to power & 2 leads attached to dimming
- 6ft 6 Wire MC Cable w/ 3 leads for fixture power, 2 leads for dimming & 1 for battery backup

**CONTROLS**
- EasySense Control
- EasySense Wall Switch
- Pre-installed app on controlled device for commissioning

**MOUNTING**
- Flange Kit
- Hurricane Clips
- Surface Mount

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FEATURES

- Architectural design
- .040 Aluminum pre-painted housing
- Post paint available
- Frosted acrylic lens easily removes for cleaning
- 3000K, 3500K, and 4000K available
- Type IC (suitable for insulation contact)
- 0-10V Dimmable Driver
  - VOLA24 - 22W / 30W / 35W / 42W (100% - 5%)
  - VOLA24 - 47W / 55W (100% - 1%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- ETL Listed
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS

- Schools
- Hallways
- Multipurpose Rooms
- Offices
- Conference Rooms

### PART NUMBER

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<th>PART NUMBER</th>
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### OPTIONS

#### ACCESSORIES

- POSTP: Post Painted Aluminum
- BLD: Bi-level Dim Driver
- FI/ILBCP05: 5W LED Factory Installed Battery Backup
- FI/ILBCP07: 7W LED Factory Installed Battery Backup
- FI/ILBCP10: 10W LED Factory Installed Battery Backup
- FI/ILBCP12: 12W LED Factory Installed Battery Backup
- SD347: 347V Step Down Transformer
- SD480: 480V Step Down Transformer
- WHIP/6FT: 6ft MC Cable Whip w/ 3 Leads
- WHIP/6FT/4WIRE: 6ft 4 Wire MC Cable Whip w/ 3 leads attached to power & 1 lead for battery backup
- WHIP/6FT/5WIRE/600V: 6ft 5 Wire MC Cable Whip w/ 3 leads attached to power & 2 leads attached to dimming
- WHIP/6FT/6WIRE/600V: 6ft 6 Wire MC Cable w/ 3 leads for fixture power, 2 leads for dimming & 1 for battery backup

#### CONTROLS

- ES: EasySense Control
- ES/WW5: EasySense Wall Switch
- ES/PCD: Pre-installed app on controlled device for commissioning

#### MOUNTING

- FLGK: Flange Kit
- HC: Hurricane Clips
- SM: Surface Mount

### SUITABLE APPLICATIONS

- Schools
- Hallways
- Multipurpose Rooms
- Offices
- Conference Rooms
FLAT PANEL

FEATURES
- 1x4, 2x2, & 2x4 Flat Panel
- Slim low profile design with Edge-Lit Technology
- Aluminum post painted housing
- PMMA Lens Material
- L90 = 50,000 hrs.
- 3500K & 4000K color options available
- 0-10V Dimmable Driver (100% - 10%)
- 120V-277V Universal Voltage
- IC Rated
- Damp Location Rated
- 5 Year Warranty
- UL Listed

SUITE APPLICATIONS
- Offices
- Schools
- Hallways
- Multipurpose Rooms
- Conference Rooms

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
PAN14-20WLED-U-40 | 2,500 | 20 | 125 | >100K | >80 | 2T8
PAN14-30WLED-U-40 | 3,750 | 30 | 125 | >100K | >80 | 2T8
PAN22-20WLED-U-40 | 2,500 | 20 | 125 | >100K | >80 | 2T8
PAN22-30WLED-U-40 | 3,750 | 30 | 125 | >100K | >80 | 2T8
PAN24-30WLED-U-40 | 3,750 | 30 | 125 | >100K | >80 | 2T8
PAN24-36WLED-U-40 | 4,500 | 36 | 125 | >100K | >80 | 3T8

OPTIONS

ACCESSORIES
- FI/ILBCP05 5W LED Factory Installed Battery Backup
- FI/ILBCP07 7W LED Factory Installed Battery Backup
- FI/ILBCP10 10W LED Factory Installed Battery Backup
- FI/ILBCP12 12W LED Factory Installed Battery Backup
- FUSE/SL Single-line Voltage Fuse for 120V, 277V or 347V
- FUSE/DL Dual-line Voltage Fuse for 208V, 240V or 480V
- SD347 347V Step Down Transformer
- WHIP/6FT/4WIRE 6ft 4 Wire MC Cable Whip w/ 3 leads attached to power & 1 lead for battery backup
- WHIP/6FT/5WIRE/600V 6ft 5 Wire MC Cable Whip w/ 3 leads attached to power & 2 leads attached to dimming
- WHIP/6FT/6WIRE/600V 6ft 6 Wire MC Cable w/ 3 leads for fixture power, 2 leads for dimming & 1 for battery backup

MOUNTING
- FLGK Flange Kit
- SM Surface Mount

COMING SOON!
## FEATURES
- Recessed Air-Handling Troffer
- Architectural design
- .040 Aluminum pre-painted housing
- Post paint available
- Tool-less room-side driver access for easy maintenance
- Frosted acrylic lens easily removes for cleaning
- 3000K, 3500K, & 4000K colors available
- Type IC (suitable for insulation contact)
- 0-10V Dimmable Driver (100%-1%)
- 120V-277V Universal Voltage
- 5 Year warranty
- ETL Listed
- DesignLights Consortium® Qualified Luminaire

## SUITABLE APPLICATIONS
- Schools
- Hallways
- Multipurpose Rooms
- Offices
- Conference Rooms

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### OPTIONS

#### ACCESSORIES
- POSTP: Post Painted Aluminum
- BLD: Bi-level Dim Driver
- FI/ILBCP05: 5W LED Factory Installed Battery Backup
- FI/ILBCP07: 7W LED Factory Installed Battery Backup
- FI/ILBCP10: 10W LED Factory Installed Battery Backup
- FI/ILBCP12: 12W LED Factory Installed Battery Backup
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- SD480: 480V Step Down Transformer
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#### CONTROLS
- ES: EasySense Control
- ES/WWS: EasySense Wall Switch
- ES/PCD: Pre-installed app on controlled device for commissioning

#### MOUNTING
- HC: Hurricane Clips
## FLAT LENS TROFFER

### FEATURES
- Architectural design
- 0.040 Aluminum pre-painted housing
- Post paint available
- Flat frosted acrylic lens
- Type IC (suitable for insulation contact)
- 3000K, 3500K, & 4000K colors available
- 0-10V Dimmable Driver (100%-1%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- ETL Listed
- DesignLights Consortium® Qualified Luminaire

### SUITABLE APPLICATIONS
- Schools
- Hallways
- Multipurpose Rooms
- Offices
- Conference Rooms

### PART NUMBER

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### OPTIONS

#### ACCESSORIES
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- FI/ILBCP07: 7W LED Factory Installed Battery Backup
- FI/ILBCP10: 10W LED Factory Installed Battery Backup
- FI/ILBCP12: 12W LED Factory Installed Battery Backup
- SD347: 347V Step Down Transformer
- SD480: 480V Step Down Transformer
- WHIP/6FT: 6ft MC Cable Whip w/ 3 Leads
- WHIP/6FT/4WIRE: 6ft 4 Wire MC Cable Whip w/ 3 leads attached to power & 1 lead for battery backup
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#### CONTROLS
- ES: EasySense Control
- ES/WWS: EasySense Wall Switch
- ES/PCD: Pre-installed app on controlled device for commissioning

#### MOUNTING
- FLGK: Flange Kit
- HC: Hurricane Clips
- SM: Surface Mount

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Z SERIES LOW PROFILE STRIP

FEATURES
- 2ft, 4ft and 8ft
- Durable steel construction
- Frosted Acrylic Lens available
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- 3000K, 3500K, 4000K, and 5000K color options available
- 0-10V Dimmable Driver (100% - 1%)
- 120V-277V Universal Voltage
- Dry & Damp Location Rated
- 5 Year Warranty
- ETL Damp Rated
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS
- Schools
- Warehouses
- Distribution Centers
- Hallways
- Retail Applications
- Manufacturing Facilities

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OPTIONS

ACCESSORIES
- FRAL: Frosted Acrylic Lens
- WC: 11 Ga Wire Cage
- F/I/LBPC05: 5W LED Factory Installed Battery Backup
- F/I/LBPC07: 7W LED Factory Installed Battery Backup
- F/I/LBPC10: 10W LED Factory Installed Battery Backup
- F/I/LBPC12: 12W LED Factory Installed Battery Backup
- SD347: 347V Step Down Transformer
- SD480: 480V Step Down Transformer
- BLD: Bi-level Dim Driver

CONTROLS
- FIOS: On/Off Occupancy Sensor Installed
- USBD: User Select Bi-level Dim Occ. Sensor
- BDxx: Preset Bi-level Dim Sensor (xx=% eg. 20,30)
- BDxxPC: Preset Bi-level Dim Sensor w/ Photocell
- DHPB: Daylight Harvesting
- ES: EasySense Control (8’-10’ mounting height)
- ES/HS: EasySense High Bay Control (15’-50’ mounting height)
- ES/WW5: EasySense Wall Switch
- ES/PCD: Pre-installed app on controlled device for commissioning

MOUNTING
- FMB: Fixture Mounting Box (Requires HUB or HOOK)
- HOOK: Cast Iron Hook for single point mounting
- HUB 3/4": Conduit Hub ¾” for pendant mounts
- HB-XX-18Y-PAD: Y-Toggle Cable System (xx= inches)
- F/I/ILBCP05: 5W LED Factory Installed Battery Backup
- F/I/ILBCP07: 7W LED Factory Installed Battery Backup
- F/I/ILBCP10: 10W LED Factory Installed Battery Backup
- F/I/ILBCP12: 12W LED Factory Installed Battery Backup
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- ES/WW5: EasySense Wall Switch
- ES/PCD: Pre-installed app on controlled device for commissioning

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# Z SERIES LOW PROFILE STRIP RETROFIT KIT

## FEATURES
- 2ft, 4ft and 8ft retrofit options available
- Durable steel construction
- Frosted Acrylic Lens available
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- 3000K, 3500K, 4000K, and 5000K color options available
- 0-10V Dimmable Driver (100% - 1%)
- 120V-277V Universal Voltage
- Dry & Damp Location Rated
- 5 Year Warranty
- ETL Damp Rated
- DesignLights Consortium® Qualified Luminaire
- Components:
  - LED Channel x1
  - LED Driver x 1-2 Pending Wattage
  - LED Driver Plate x 1-2 Pending Wattage
  - Fixture ID Label x 1
  - Self-Drilling Screws x 5-10 Pending Wattage
  - Driver Screws x 2-4 Pending Wattage

## SUITABLE APPLICATIONS
- Schools
- Warehouses
- Distribution Centers
- Hallways
- Retail Applications
- Manufacturing Facilities

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</table>

## OPTIONS

### ACCESSORIES
- FRAL: Frosted Acrylic Lens
- WC: 11 Ga Wire Cage
- FI/ILBPC05: 5W LED Factory Installed Battery Backup
- FI/ILBPC07: 7W LED Factory Installed Battery Backup
- FI/ILBPC10: 10W LED Factory Installed Battery Backup
- FI/ILBPC12: 12W LED Factory Installed Battery Backup
- SD347: 347V Step Down Transformer
- SD480: 480V Step Down Transformer
- BLD: Bi-level Dim Driver

### CONTROLS
- USBD: User Select Bi-level Dim Occ. Sensor
- BDxx: Preset Bi-level Dim Sensor (xx=% eg. 20,30)
- BDxxPC: Preset Bi-level Dim Sensor w/ Photocell
- ES: EasySense Control (8'-10' mounting height)
- ES/HB: EasySense High Bay Control (15'-50' mounting height)
- ES/WW: EasySense Wall Switch
- ES/PCD: Pre-installed app on controlled device for commissioning

---

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FEATURES

- 2ft & 4ft configuration available
- Embedded LED's provide sleek low profile Flat Strip
- .040” aluminum pre-painted white housing
- Ceiling, wall, or suspension mounting options
- Suitable for installing in continuous runs
- Multiple dimming and control options
- 3000K, 3500K, 4000K and 5000K color options
- 0-10V Dimming Driver
- 120V-277V Universal Voltage
- 5 Year Warranty
- ETL Damp Location Rated
- DesignLight Consortium® Qualified Luminaire

SUITABLE APPLICATIONS

- Schools
- Offices
- Hallways
- Bathrooms

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>LUMENS</th>
<th>WATTS</th>
<th>Lm/W</th>
<th>L70</th>
<th>CRI</th>
<th>REPLACES</th>
<th>DLC LISTING</th>
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<td>&gt;80</td>
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</table>

OPTIONS

ACCESSORIES

- WC 11 Ga Wire Cage
- FI/LBCP05 5W LED Factory Installed Battery Backup
- FI/LBCP07 7W LED Factory Installed Battery Backup
- FI/LBCP10 10W LED Factory Installed Battery Backup
- FI/LBCP12 12W LED Factory Installed Battery Backup
- SD347 347V Step Down Transformer
- SD480 480V Step Down Transformer
- MCWHIP/XFT Wire Whip with Conduit (x=ft)
- DIM Dimming leads installed
- BLD Bi-level Dim Driver

MOUNTING

- FMB Fixture Mounting Box (Requires HUB or HOOK)
- HOOK Cast Iron Hook for single point mounting
- HUB 3/4” Conduit Hub 3/4” for pendant mounts
- HB-XX-18Y-PAD Y-Toggle Cable System (xx= inches)
SLIM STRIP

FEATURES

- Ultra slim architectural design LED Strip fixture
- Steel housing with white powdercoat finish
- 4ft & 8ft lengths available
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- Round frosted acrylic lens
- Ceiling, wall or suspension mounting options
- 4000K and 5000K color options available
- 0-10V Dimmable Driver (100% - 10%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- UL Damp Location Rated

SUDBE APPLICATIONS

- Retail Applications
- Warehouses
- Schools
- Hallways
- Distribution Centers
- Manufacturing Facilities

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
SS4-26WLED-U-50-FRAL | 3,250 | 26 | 130 | >100K | >80 | 2T8 |
SS4-35WLED-U-50-FRAL | 4,550 | 35 | 130 | >100K | >80 | 1T5HO |
SS4-46WLED-U-50-FRAL | 5,980 | 46 | 130 | >100K | >80 | 3T8 |
SS8-46WLED-U-50-FRAL | 5,980 | 46 | 130 | >100K | >80 | 1T12HO |
SS8-65WLED-U-50-FRAL | 8,450 | 65 | 130 | >100K | >80 | 2T5HO |
SS8-90WLED-U-50-FRAL | 11,700 | 90 | 130 | >100K | >80 | 4T8 |

OPTIONS

ACCESSORIES

- FI/ILBCP05* 5W LED Factory Installed Battery Backup
- FI/ILBCP07* 7W LED Factory Installed Battery Backup
- FI/ILBCP10* 10W LED Factory Installed Battery Backup
- FI/ILBCP12* 12W LED Factory Installed Battery Backup

CONTROLS

- FIOS On/Off Occupancy Sensor Installed
- BDxx Preset Bi-level Dim Sensor (xx=% eg. 20,30)
- USBD User Select Bi-level Dim Occ. Sensor

MOUNTING

- FMB Fixture Mounting Box (Requires HUB or HOOK)
- HOOK Cast Iron Hook for single point mounting
- HUB 3/4” Conduit Hub ¾” for pendant mounts
- HB-XX-18Y-PAD Y-Toggle Cable System (xx= inches)

*Mounted Externally to Fixture
FEATURES
- Architectural design LED Strip fixture
- Steel housing with white powdercoat finish
- 4ft & 8ft lengths available
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- Round frosted acrylic lens
- Ceiling, wall or suspension mounting options
- 4000K and 5000K color options available
- 0-10V Dimmable Driver (100% - 10%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- UL Damp Location Rated

SUITEABLE APPLICATIONS
- Retail Applications
- Warehouses
- Schools
- Hallways
- Distribution Centers
- Manufacturing Facilities

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
VS4-25WLED-U-50-FRAL | 3,250 | 25 | 130 | >100K | >80 | 2T8
VS4-35WLED-U-50-FRAL | 4,550 | 35 | 130 | >100K | >80 | 3T8
VS4-46WLED-U-50-FRAL | 5,980 | 46 | 130 | >100K | >80 | 3T8
VS8-46WLED-U-50-FRAL | 5,980 | 46 | 130 | >100K | >80 | 1T5HO
VS8-65WLED-U-50-FRAL | 8,450 | 65 | 130 | >100K | >80 | 2T5HO
VS8-90WLED-U-50-FRAL | 11,700 | 90 | 130 | >100K | >80 | 4T8

OPTIONS
ACCESSORIES
- FI/ILBCP05* 5W LED Factory Installed Battery Backup
- FI/ILBCP07* 7W LED Factory Installed Battery Backup
- FI/ILBCP10* 10W LED Factory Installed Battery Backup
- FI/ILBCP12* 12W LED Factory Installed Battery Backup

CONTROLS
- FIOS On/Off Occupancy Sensor Installed
- BDxx Preset Bi-level Dim Sensor (xx=% eg. 20,30)
- USBD User Select Bi-level Dim Occ. Sensor

MOUNTING
- FMB Fixture Mounting Box (Requires HUB or HOOK)
- HOOK Cast Iron Hook for single point mounting
- HUB 3/4” Conduit Hub ¾” for pendant mounts
- HB-XX-18Y-PAD Y-Toggle Cable System (xx=Inches)

*Mounted Externally to Fixture
VALUE STRIP RETROFIT KIT

FEATURES
- Architectural design LED Strip Retrofit
- Steel housing with white powdercoat finish
- 4ft & 8ft lengths available
- Universal Mounting Bracket to Retrofit Strips 4.3" - 5.25" wide
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- Round frosted acrylic lens
- 4000K and 5000K color options available
- 0-10V Dimmable Driver (100% - 10%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- UL Damp Location Rated

SUITABLE APPLICATIONS
- Retail Applications
- Warehouses
- Schools
- Hallways
- Distribution Centers
- Manufacturing Facilities

PART NUMBER

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<th>PART NUMBER</th>
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OPTIONS

ACCESSORIES
- ILBCP05  5W LED Field Installed Battery Backup
- ILBCP07  7W LED Field Installed Battery Backup
- ILBCP10  10W LED Field Installed Battery Backup
- ILBCP12  12W LED Field Installed Battery Backup
- SD347    347V Step Down Transformer
- SD480    480V Step Down Transformer

CONTROLS
- FIOS*: On/Off Occupancy Sensor Field Installed
- BDxx*: Preset Bi-level Dim Sensor Field Installed (xx=% eg. 20,30)
- USBD*: User Select Bi-level Dim Occ. Sensor Field Installed

* Field Installed End Mounted Sensor from existing Strip

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CURVED WRAP

FEATURES

- 2ft, 4ft, and 8ft configurations
- Sleek curved profile frosted acrylic impact resistant lens
- .040” aluminum pre-painted white housing
- Ceiling, wall or suspension mounting options
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- Suitable for installing in continuous runs
- 3000K, 3500K, 4000K, and 5000K color options available
- 0-10V Dimmable Driver (100% - 5%)
- 120V-277V Universal Voltage
- Dry & Damp Location Rated
- 5 Year Warranty
- ETL Damp Location Rated
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS

- Offices
- Hospitals
- Schools
- Hallways
- Work Station Task Lighting
- Multipurpose

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<th>PART NUMBER</th>
<th>LUMENS</th>
<th>WATTS</th>
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OPTIONS

ACCESSORIES

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<tr>
<th>ACCESSORIES</th>
<th>CONTROLS</th>
<th>MOUNTING</th>
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<tbody>
<tr>
<td>CORDx Cord (x=ft)</td>
<td>FIOS On/Off Occupancy Sensor Installed</td>
<td>FMB Fixture Mounting Box (Requires HUB or HOOK)</td>
</tr>
<tr>
<td>FI/ILBPC05 5W LED Factory Installed Battery Backup</td>
<td>USBD User Select Bi-level Dim Occ. Sensor</td>
<td>HOOK Cast Iron Hook for single point mounting</td>
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<tr>
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<td>BDxx Preset Bi-level Dim Sensor (xx=% eg. 20,30)</td>
<td>HUB 3/4” Conduit Hub ½” for pendant mounts</td>
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<tr>
<td>FI/ILBPC10 10W LED Factory Installed Battery Backup</td>
<td>ES EasySense Control</td>
<td>HB-XX-1BY-PAD Y-Toggle Cable System (xx=inches)</td>
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<td>FI/ILBPC12 12W LED Factory Installed Battery Backup</td>
<td>ES/VWS EasySense Wall Switch</td>
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<tr>
<td>SD347 347V Step Down Transformer</td>
<td>ES/PCD Pre-installed app on controlled device for commissioning</td>
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<td>SD480 480V Step Down Transformer</td>
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<tr>
<td>BLD Bi-level Dim Driver</td>
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CURVED WRAP
CURVED WIDE BASE WRAP

FEATURES

• Cover existing foot print with 12” wide base wrap
• 4ft and 8ft configurations
• Sleek curved profile frosted acrylic impact resistant lens
• .040” aluminum pre-painted white housing
• Ceiling, wall or suspension mounting options
• Multiple dimming & sensor options to fully control occupied & unoccupied light levels
• Suitable for installing in continuous runs
• 3000K, 3500K, 4000K, and 5000K color options available
• 0-10V Dimmable Driver (100% - 5%)
• 120V-277V Universal Voltage
• Dry & Damp Location Rated
• 5 Year Warranty
• ETL Damp Location Rated
• DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS

• Offices
• Hospitals
• Schools
• Hallways
• Work Station Task Lighting
• Multipurpose

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
SQ4-16WLED-UNIV-40-WB | 2,078 | 16 | 127 | >100K | >80 | 1T8 | DLC
SQ4-30WLED-UNIV-40-WB | 3,694 | 30 | 123 | >100K | >80 | 2T8 | DLC
SQ4-44WLED-UNIV-40-WB | 5,086 | 44 | 116 | >100K | >80 | 3T8 | DLC
SQ8-32WLED-UNIV-40-WB | 4,018 | 32 | 126 | >100K | >80 | 2T8 | DLC
SQ8-60WLED-UNIV-40-WB | 7,329 | 60 | 122 | >100K | >80 | 4T8 | DLC
SQ8-88WLED-UNIV-40-WB | 10,236 | 89 | 115 | >100K | >80 | 2T5HO | DLC

OPTIONS

ACCESSORIES

CORDx | Cord (x=ft)
FI/ILBCP05 | 5W LED Factory Installed Battery Backup
FI/ILBCP07 | 7W LED Factory Installed Battery Backup
FI/ILBCP10 | 10W LED Factory Installed Battery Backup
FI/ILBCP12 | 12W LED Factory Installed Battery Backup
SD347 | 347V Step Down Transformer
SD480 | 480V Step Down Transformer
BLD | Bi-level Dim Driver

CONTROLS

FIOS | On/Off Occupancy Sensor Installed
USB | User Select Bi-level Dim Occ. Sensor
BDxx | Preset Bi-level Dim Sensor (xx=%) eg. 20,30
ES | EasySense Control
ES/WW5 | EasySense Wall Switch
ES/PCD | Pre-installed app on controlled device for commissioning

MOUNTING

FMB | Fixture Mounting Box (Requires HUB or HOOK)
HOOK | Cast Iron Hook for single point mounting
HUB 3/4” | Conduit Hub ¾” for pendant mounts
HB-XX-18Y-PAD | Y-Toggle Cable System (xx=)
SHALLOW WRAP

FEATURES
- 4ft and 8ft configurations
- Low profile shallow wrap
- Specification grade for new construction
- 23 Ga die formed steel housing
- Surface mount or suspended
- Suitable for continuous runs
- Prismatic wrap around lens
- Wire cage option available (replaces prismatic lens)
- Ample KOs on back and ends
- 3000K, 3500K, 4000K, and 5000K color options available
- 0-10V Dimmable Driver (100% - 5%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- ETL Damp Location Rated
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS
- Offices
- Work Station Task Lighting
- Hallways
- Multipurpose
- Schools
- Hospitals

PART NUMBER | LUMENS | WATTS | Lm/W | L70 | CRI | REPLACES | DLC LISTING
--- | --- | --- | --- | --- | --- | --- | ---
FWS-20WLED-UNIV-40 | 2,890 | 22 | 131 | >100K | >80 | 1T8 | DLC P
FWS-30WLED-UNIV-40 | 3,801 | 30 | 127 | >100K | >80 | 2T8 | DLC
FWS-40WLED-UNIV-40 | 4,811 | 40 | 121 | >100K | >80 | 1T5HO | DLC
FWS-55WLED-UNIV-40 | 6,273 | 54 | 116 | >100K | >80 | 3T8 | DLC
FWS-70WLED-UNIV-40 | 7,960 | 70 | 114 | >100K | >80 | 4T8 | DLC
FWS8-40WLED-UNIV-40 | 5,628 | 43 | 131 | >100K | >80 | 2T8 | DLC P
FWS8-55WLED-UNIV-40 | 6,897 | 54 | 128 | >100K | >80 | 4T8 | DLC
FWS8-80WLED-UNIV-40 | 9,823 | 80 | 123 | >100K | >80 | 2T5HO | DLC

OPTIONS

ACCESSORIES
- CODx Cord (x=ft)
- WC Wire Cage
- FI/ILBCP05 5W LED Factory Installed Battery Backup
- FI/ILBCP07 7W LED Factory Installed Battery Backup
- FI/ILBCP10 10W LED Factory Installed Battery Backup
- FI/ILBCP12 12W LED Factory Installed Battery Backup
- SD347 347V Step Down Transformer
- SD480 480V Step Down Transformer

CONTROLS
- FIOS On/Off Occupancy Sensor Installed
- USBD User Select Bi-level Dim Occ. Sensor
- BDxx Preset Bi-level Dim Sensor (xx=% eg. 20,30)
- ES EasySense Control
- ES/WW EasySense Wall Switch
- ES/PCD Pre-installed app on controlled device for commissioning

MOUNTING
- FMB Fixture Mounting Box (Requires HUB or HOOK)
- HOOK Cast Iron Hook for single point mounting
- HUB 3/4” Conduit Hub ¾” for pendant mounts
- HB-XX-1BY-PAD Y-Toggle Cable System (xx= inches)
CAVERN & CAVERN LITE

FEATURES

- 2ft & 4ft LED options available
- Ultrasonic sensor fills entire space for maximum sensing range
- Fully control light levels for both occupied & unoccupied areas with high/low user selectable bi-level dimming (USBD/HL) option to help maintain life safety codes
- Impact resistant frosted acrylic lens (std.)
- 3000K, 3500K, 4000K, and 5000K color options available
- 0-10V Dimmable Driver (100% - 5%)
- 120V-277V Universal Voltage
- 5 Year Warranty
- DesignLights Consortium® Premium Qualified Luminaire

Cavern Housing
- .060” aluminum body
- .200” 6061 machined aluminum end plates
- .500” threaded end plug
- Baked on enamel powdercoat finish

Cavern Lite Housing
- .040” aluminum body
- Baked on pre-painted enamel

SUITEABLE APPLICATIONS

- Offices
- Hospitals
- Schools
- Hallways

PART NUMBER

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<td>3T8</td>
<td>DLC P</td>
</tr>
</tbody>
</table>

OPTIONS

ACCESSORIES

- WHP White Paint (std.)
- BRP Bronze Paint
- CPX Custom Paint (x= spec color)
- CORDx Cord (x=ft)
- TPS Tamper Proof Screws (cavern only)
- FH5BB500 500 Lumen Battery Backup
- FI/ILBCP05 5W LED Factory Installed Battery Backup
- FI/ILBCP07 7W LED Factory Installed Battery Backup
- FI/ILBCP10 10W LED Factory Installed Battery Backup
- FI/ILBCP12 12W LED Factory Installed Battery Backup
- SD347 347V Step Down Transformer
- SD480 480V Step Down Transformer

CONTROLS

- FIOS On/Off Occupancy Sensor Installed
- BDxx Preset Bi-level Dim Sensor (xx=% eg. 20,30)
- USBD User Select Bi-level Dim Occ. Sensor
- USBD/HL User Select High/Low Bi-level Dimming w/ Occ. Sensor

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