

### Performance Summary:

- Wattage: 320
- Lumens: Up to 44,480 Lumens
- Efficacy: Up to 139 Lumens per Watt
- Kelvin: 4000K, 5000K
- CRI >82
- Mounting: Ships with V-Hooks and (2) 6' chain kits



Project: \_\_\_\_\_ Date: \_\_\_\_\_

Catalog #: \_\_\_\_\_

Notes: \_\_\_\_\_



### Ordering Guide:

|            |   |                       |   |            |   |                  |   |                    |                                      |
|------------|---|-----------------------|---|------------|---|------------------|---|--------------------|--------------------------------------|
| <b>ESL</b> | - | <b>LHB</b>            | - | <b>4</b>   | - | <b>320W</b>      | - | <b>2</b>           |                                      |
| ESL        |   | TYPE                  |   | SIZE       |   | WATTS            |   | GENERATION         | KELVIN                               |
|            |   | LHB (Lensed High Bay) |   | 4 (4 Foot) |   | 320W (320 Watts) |   | 2 (2nd Generation) | 40 (4000 Kelvin)<br>50 (5000 Kelvin) |

### Options & Accessories (Order Separately)

| Emergency BBU:  | Lens Replacements:                              |
|---|---|
| ESL-EMG-BBU (Emergency BBU, 1100 Lumens, 90 min Backup, 120-277 VAC, Factory Installed) | ESL-LHB-24-Lens (110_160W LHB Replacement Lens) |
| Sensors:  | ESL-LHB-26-Lens (210W LHB Replacement Lens)     |
| ESL-KNX-SENF002   | ESL-LHB-44-Lens (320W LHB Replacement Lens)     |
| ESL-1OCC-HDO (On/Off Occupancy Sensor, 8' - 41' Mounting)                               | Wire Guards:                                    |
| ESL-2OCC-HDD (0-10v Dimming Sensor, 8' - 46' Mounting)                                  | ESL-LHB-24-WG (110-160W LHB Wire Guard)         |
| ESL-REM-100 (Hand Held Remote to Control ESL-2OCC-HDD)                                  | ESL-LHB-26-WG (210W LHB Wire Guard)             |
| Mounting:   | ESL-LHB-44-WG (320W LHB Wire Guard)             |
| ESL-LHB-AC-10FT (Aircraft Cable 10 Feet)  | Misc. Electrical:                               |
| ESL-LHB-AC-16FT (Aircraft Cable 16 Feet)  | ESL-SPD-277-1 (Surge Protector; 100-277V)       |
| ESL-LHB-PMKIT (LHB Pendant kit)   | ESL-480V-SD01 (480 Volt Step Down Transformer)  |
| ESL-LHB-SFMKIT (LHB Surface Mount Kit)  |   |
| ESL-LHB-JC-KIT (LHB Chain Kit)  |   |

\*Not All Part Numbers DLC Qualified. For a Complete Listing Please Consult the DLC Qualified Products List (QPL).

### Product Specifications:

#### Optical:

- Semi-diffused PMMA lens for glare control

#### Construction:

- High performance aluminum heat sink

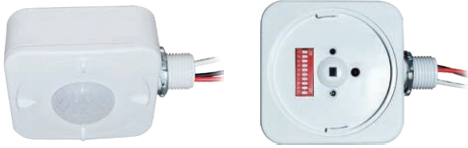
#### Mounting:

- Ships with V-Hooks and (2) 6' chain kits
- Other mounting available in accessories

#### Electrical:

- Input Voltage: 120-277 VAC
- Power Factor @120 VAC - 0.99%, @277 VAC - 0.96%
- THD @120 VAC <10%, @277 VAC <10%
- Operating Temperature: -40°F to 131°F (-40°C to 55°C)
- Surge Protection- 4kV (10kV Optional)
- 1-10V Dimmable
- Konex Network Sensors Available

### Options & Accessories:



**ESL-1OCC-HDO**

Power Supply: 120-277 VAC, 50/60Hz  
 Maximum Load @ -40°F ~ 167°F:  
 - Resistive/Tungsten - 600W@ 120V  
 - Fluorescent Ballast/CFL - 800W/1200W@ 120/277V  
 - Ballast Electronic (LED) - 800W/1200W@ 120/277V  
 HF System: 5.8Ghz CW  
 Sensor Type: Passive Infrared  
 Sensitivity Adjustment: 20% / 50% / 75% / 100%  
 Detection Radius/angle: 30ft@40ft Height/360°  
 Detection Area (square footage): 2826ft<sup>2</sup>@40ft Height/360°  
 Mounting Height: 40ft  
 Humidity: Max 95% RH  
 Temperature: -40°F ~ 167°F (-40°C ~ 75°C)  
 For more information please see the  
 ESL-1OCC-HDO cut sheet



**ESL-2OCC-HDD**

Power Supply: 120-277 VAC, 50/60Hz  
 Maximum Load @ -40°F ~ 158°F:  
 - Incandescent/Halogen - 800W/1200W@ 120/277V  
 - Fluorescent Ballast/CFL - 800W/1200W@ 120/277V  
 - Ballast Electronic (LED) - 800/1200VA@ 120/277V  
 HF System: 5.8Ghz CW  
 Sensor Type: Microwave  
 Sensitivity Adjustment: 20% / 50% / 75% / 100%  
 Dimming Control Output: 0-10V Max. 25mA sinking current  
 Detection Radius/angle: 30ft@50ft Height/360°  
 Detection Area (square footage): 2826ft<sup>2</sup>@50ft Height/360°  
 Mounting Height: 50ft Max  
 Remote Range: 50ft  
 Humidity: Max 95% RH  
 Temperature: -40°F ~ 158°F (-40°C ~ 70°C)  
 For more information please see the  
 ESL-2OCC-HDD cut sheet



**ESL-EMG-4DC-9W**



**ESL-REM-100**  
 Programs and Controls  
 ESL-2OCC-HDD

| SYSTEM WATTS | DIMENSIONS |       |      | WEIGHT<br>Pounds (lbs) |
|--------------|------------|-------|------|------------------------|
|              | L          | W     | H    |                        |
| 110          | 24.8"      | 15"   | 2.2" | 7.6                    |
| 160          | 24.8"      | 15"   | 2.2" | 7.6                    |
| 210          | 24.8"      | 18.9" | 2.2" | 8.8                    |
| 320          | 46.5"      | 18.9" | 2.2" | 15.43                  |



### Lumen Ambient Temperature (LAT) Multipliers:

| AMBIENT |       | LUMEN MULTIPLIER |
|---------|-------|------------------|
| 0 °C    | 32°F  | 1.02             |
| 10 °C   | 50°F  | 1.01             |
| 20 °C   | 68°F  | 1                |
| 25 °C   | 77°F  | 1                |
| 30 °C   | 86°F  | 1                |
| 40 °C   | 104°F | 0.99             |

### LED Lumen Maintenance:

| SYSTEM WATTS | HOURS |       |       |        |
|--------------|-------|-------|-------|--------|
|              | 0     | 25000 | 50000 | 100000 |
| 110          | 100%  | 95%   | 90%   | 81%    |
| 160          | 100%  | 95%   | 90%   | 80%    |
| 210          | 100%  | 95%   | 90%   | 81%    |
| 320          | 100%  | 96%   | 91%   | 82%    |

### Electrical Load:

| SYSTEM WATTS | INPUT CURRENT |         |         |         | INPUT VOLTAGE | INPUT FREQUENCY | POWER FACTOR                     | THD  | OPERATING TEMPERATURE            | SURGE PROTECTION         | DIMMING |
|--------------|---------------|---------|---------|---------|---------------|-----------------|----------------------------------|------|----------------------------------|--------------------------|---------|
|              | 120 VAC       | 208 VAC | 240 VAC | 277 VAC |               |                 |                                  |      |                                  |                          |         |
| 110          | 0.92          | 0.53    | 0.46    | 0.40    | 120-277 VAC   | 50/60 Hz        | >0.99 @120 VAC<br>>0.96 @277 VAC | <10% | -4°F to 122°F<br>(-20°C to 50°C) | 4kV L/N<br>10kV Optional | 1-10V   |
| 160          | 1.33          | 0.77    | 0.67    | 0.58    |               |                 |                                  |      |                                  |                          |         |
| 210          | 1.75          | 1.01    | 0.88    | 0.76    |               |                 |                                  |      |                                  |                          |         |
| 320          | 2.67          | 1.54    | 1.33    | 1.16    |               |                 |                                  |      |                                  |                          |         |

### Catalog Data:

| ESL | TYPE | SIZE | WATTAGE | GENERATION | KELVIN           |        |         | KELVIN     |        |         |          |
|-----|------|------|---------|------------|------------------|--------|---------|------------|--------|---------|----------|
|     |      |      |         |            | 4000K (40)       |        |         | 5000K (50) |        |         |          |
|     |      |      |         |            | LUMENS           | LPW    | DLC QPL | LUMENS     | LPW    | DLC QPL |          |
|     |      |      |         |            | ESL-LHB-2-110W-2 | 14,510 | 131     | P8HW7H1G   | 15,070 | 137     | PJ66ZUD6 |
|     |      |      |         |            | ESL-LHB-2-160W-2 | 21,760 | 136     | PFVLEVXS   | 21,920 | 136     | POPCKUUA |
|     |      |      |         |            | ESL-LHB-2-210W-2 | 28,560 | 136     | PF5KR84I   | 28,770 | 136     | PRFN116W |
|     |      |      |         |            | ESL-LHB-4-320W-2 | 44,160 | 138     | PT8N94K9   | 44,480 | 139     | PPZZPA6P |