

Performance Summary:

- Wattage: 110
- Lumens: Up to 15,070 Lumens
- Efficacy: Up to 137 Lumens per Watt
- Kelvin: 5000K
- CRI >82
- Mounting: Ships with V-Hooks and (2) 6' chain kits



Project: _____ Date: _____
 Catalog #: _____
 Notes: _____



Ordering Guide:

| | | | | | | | | | | |
|------------|---|-----------------------|---|----------|------------|------------------|---|------------|--------------------|------------------|
| ESL | - | LHB | - | 2 | - | 110W | - | 2 | - | 50 |
| ESL | | TYPE | | SIZE | | WATTS | | GENERATION | | KELVIN |
| | | LHB (Lensed High Bay) | | | 2 (2 Foot) | 110W (110 Watts) | | | 2 (2nd Generation) | 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

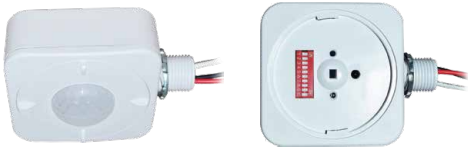
Mounting:

- 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-10CC-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): 2826ft²@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-10CC-HDO cut sheet



ESL-20CC-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): 2826ft²@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-20CC-HDD cut sheet



ESL-EMG-4DC-9W



ESL-REM-100
Programs and Controls
ESL-20CC-HDD

| SYSTEM WATTS | DIMENSIONS | | | WEIGHT 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 >0.96 @277 VAC | <10% | -4°F to 122°F (-20°C to 50°C) | 4kV L/N 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 | | | |
|-----|------|------|---------|------------|------------------|--------|---------|----------|
| | | | | | 5000K (50) | | | |
| | | | | | LUMENS | LPW | DLC QPL | |
| | | | | | ESL-LHB-2-110W-2 | 15,070 | 137 | PJ66ZUD6 |
| | | | | | ESL-LHB-2-160W-2 | 21,920 | 136 | POPCKUUA |
| | | | | | ESL-LHB-2-210W-2 | 28,770 | 136 | PRFN116W |
| | | | | | ESL-LHB-4-320W-2 | 44,480 | 139 | PPZZPA6P |