

### Key Features & Benefits:

- Field Installable Konex Controls
- Standard 5' Cord
- White or Black Finish Available
- 1–10V Dimmable

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

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

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

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

### Product Specifications:

Wattage: 135W  
 Kelvin: 5000K  
 Lumens: 22,080 lm  
 Efficacy: 162 lm/W  
 Input Power: 120–277VAC  
 Beam Angle: 90°  
 CRI: >82  
 Surge Protection: 6kV  
 CRI: >82  
 Temperature Operating Range: -40°F to 122°F



Easy Field Installation of Optional Sensors or Konex Power Pack Controls with No Extra Wiring using Removable Shorting Cap



### Ordering Guide:

| ESL | TYPE                                  | WATTAGE                  | GENERATION              | KELVIN                 | FINISH                         | BEAM ANGLE              | OPTIONS |
|-----|---------------------------------------|--------------------------|-------------------------|------------------------|--------------------------------|-------------------------|---------|
| ESL | ERHB<br>(ERHB) Economy Round High Bay | 135W<br>(135W) 135 Watts | 1<br>(1) 1st Generation | 50<br>(50) 5000 Kelvin | ff<br>(WH) White<br>(BK) Black | 90D<br>(90D) 90 Degrees |         |

### FACTORY INSTALLED OPTIONS

|              |   |
|--------------|---|
| EM30         | Emergency back up battery unit, 30 watt output, 90 min backup, 100–347 VAC, factory installed |
| CS3f6P       | Cord set, 3 conductor, 18 gauge, 6 foot length, straight blade plug                           |
| CS3f6P       | Cord set, 3 conductor, 18 gauge, 6 foot length, straight blade plug                           |
| CS3f6TL5     | Cord set, 3 conductor, 18 gauge, 6 foot length, twist lock, NEMA L5–15 — 120V                 |
| CS3f6TL6     | Cord set, 3 conductor, 18 gauge, 6 foot length, twist lock, NEMA L6–15 — 240V                 |
| CS3f6TL7     | Cord set, 3 conductor, 18 gauge, 6 foot length, twist lock, NEMA L7–15 — 277V                 |
| ESL-EMG-REM1 | Hand held remote to program EMG HB1   |

Finishes available: f=(B) Black, (W) White

### FIELD INSTALLED ACCESSORIES

|                 |   |
|-----------------|---|
| ESL-KNX-FS7-RPP | Konex Occupancy Sensor with integrated RPP Controller, for Konex high mount receptacles. 120–277 VAC with power statistics.           |
| ESL-KNX-RPP-003 | Konex Power Pack Relay Controller, use with KNX sensors/wall switches for wireless dimming control. 120–277VAC with power statistics. |
| ESL-9OCC-LV-HDD | High bay occupancy sensor for Konex receptacle, 12V input, up to 40' mounting, microwave, 0–10V dimming. REM-100 programmable.        |
| ESL-REM-100     | Wireless remote to control ESL-9OCC-LV-HDD  |
| ESL-RHB1-CMA    | Conduit mount adapter, 3/4" NPT, side hole allows for wiring in conduit   |
| ESL-RHB1-LOOP   | Stainless steel eyebolt mount   |
| ESL-ERHB1-BK-TM | ERHB series trunnion mount, black finish  |
| ESL-ERHB1-WH-TM | ERHB series trunnion mount, white finish  |
| ESL-ERHB1-WG-BK | Wire guard cover for ERHB series black finish   |
| ESL-ERHB1-WG-WH | Wire guard cover for ERHB series white finish   |
| ESL-ERHB1-ARF-S | Aluminum reflector for ERHB series 90W and 135W   |
| ESL-ERHB1-ARF-L | Aluminum reflector for ERHB series 180W   |
| ESL-EMG-REM1    | Hand held remote to program EMG HB1   |

### Catalog Data:

| ITEM#                    | WATTAGE | KELVIN | MAX LUMEN OUTPUT | EFFICACY (lm/W) | DIMENSIONS     |
|--------------------------|---------|--------|------------------|-----------------|----------------|
| ESL-ERHB-90W-150-WH-90D  | 90      | 5000K  | 15,783           | 162             | 10.85" x 3.95" |
| ESL-ERHB-90W-150-BK-90D  |         |        |                  |                 |                |
| ESL-ERHB-135W-150-WH-90D | 135     | 5000K  | 22,080           | 162             | 10.85" x 3.95" |
| ESL-ERHB-135W-150-BK-90D |         |        |                  |                 |                |
| ESL-ERHB-180W-150-WH-90D | 180     | 5000K  | 29,959           | 162             | 12.42" x 3.95" |
| ESL-ERHB-180W-150-BK-90D |         |        |                  |                 |                |

### Lumen Ambient Temperature (LAT) Multipliers:

| AMBIENT |        | LUMEN MULTIPLIER |
|---------|--------|------------------|
| 0 °C    | 32 °F  | 1.02             |
| 10 °C   | 50 °F  | 1.01             |
| 20 °C   | 68 °F  | 1.00             |
| 25 °C   | 77 °F  | 1.00             |
| 30 °C   | 86 °F  | 1.00             |
| 40 °C   | 104 °F | 0.99             |
| 50 °C   | 122 °F | 0.96             |

### Comparison Technology:

| SYSTEM WATTS | DESCRIPTION       |
|--------------|-------------------|
| 90           | 175W Metal Halide |
| 135          | 250W Metal Halide |
| 180          | 400W Metal Halide |

### Unified Glare Rating (UGR):

| BEAM ANGLE               | UGR  |
|--------------------------|------|
| 60°                      | 27   |
| 120°                     | 32.7 |
| 90° (Aluminum Reflector) | 22.7 |

### LED Lumen Maintenance:

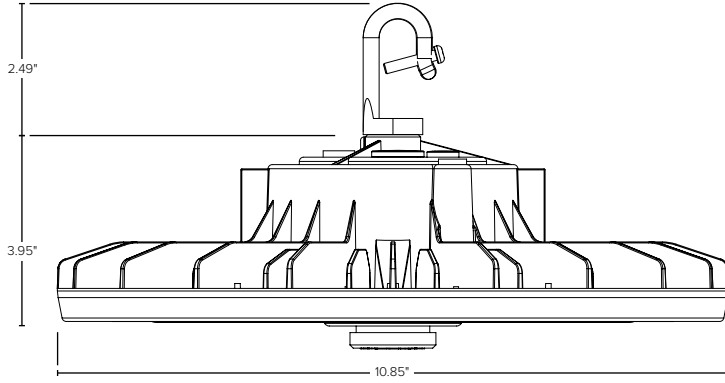
| SYSTEM WATTS | HOURS |        |        |         |
|--------------|-------|--------|--------|---------|
|              | 0     | 25,000 | 50,000 | 100,000 |
| 90           | 100%  | 94%    | 90%    | 80%     |
| 135          | 100%  | 94%    | 89%    | 79%     |
| 180          | 100%  | 92%    | 87%    | 76%     |

### Electrical Load — Standard Voltage:

| SYSTEM WATTS | INPUT CURRENT |         |         |         | INPUT VOLTAGE | INPUT FREQUENCY | INPUT CURRENT  | POWER FACTOR | THD  | OPERATING TEMPERATURE             | SURGE PROTECTION               | DIMMING          |
|--------------|---------------|---------|---------|---------|---------------|-----------------|----------------|--------------|------|-----------------------------------|--------------------------------|------------------|
|              | 120 VAC       | 208 VAC | 240 VAC | 277 VAC |               |                 |                |              |      |                                   |                                |                  |
| 90           | 0.75          | 0.43    | 0.38    | 0.32    | 120–277 VAC   | 50/60 Hz        | 1.1 AMP@120VAC | >0.9         | <15% | -40°F to 122°F<br>(-40°C to 50°C) | 6kV/4kV per ANSI C82.77-5-2015 | 1–10V<br>12V Aux |
| 135          | 1.13          | 0.65    | 0.56    | 0.49    | 120–277VAC    | 50/60 Hz        | 1.4 AMP@120VAC |              |      |                                   |                                |                  |
| 180          | 1.50          | 0.87    | 0.75    | 0.65    | 120–277VAC    | 50/60 Hz        | 2.2 AMP@120VAC |              |      |                                   |                                |                  |

**Dimensions:**

90 Watt and 135 Watt



180 Watt

