

### Key Features & Benefits:

- Kelvin and Wattage Selectable
- Die-Cast Aluminum Housing
- High Quality PC Lens
- IP65 Rated

### Product Specifications:

Selectable Wattage: 200W–240W–300W  
 Selectable Kelvin: 3000K–4000K–5000K  
 Lumen Output: Up to 51,000 Lumens  
 Efficacy (lm/W): Up to 170 Lumens per Watt  
 Dimming: 0–10V Dimming  
 CRI: >80  
 Power Frequency: 50/60Hz  
 Power Factor: >0.97@120 VAC, >0.92@277 VAC  
 Operating Temperature: -40°F to 122°F (-40°C to 50°C)  
 Input Voltage: 120–277 VAC  
 Estimated L70 Lifetime 120,000 hrs Calculated Per TM21  
 Warranty: 5 Year Warranty  
 Product Weight (lbs): 6.2  
 Dimensions: 20.05" x 11.89" x 2.07"  
 Default Settings: 300W, 4000K

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

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

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

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



### Ordering Guide:

| ESL | TYPE                                 | SELECTABLE WATTAGE  | GEN                               | SELECTABLE KELVIN                               | FINISH                           | LENS                              | VOLTAGE   |
|-----|--------------------------------------|---|-----------------------------------|---|----------------------------------|-----------------------------------|---|
| ESL | AL<br><small>(AL) Area Light</small> | 200300W<br><small>(100150W) 100W–120W–150W<br/>(200300W) 200W–240W–300W</small> | D1<br><small>(D1) 1st Gen</small> | 3050<br><small>(3050) 3000K–4000K–5000K</small> | BZ<br><small>(BZ) Bronze</small> | T3<br><small>(T3) Default</small> | <br><small>(Blank) Standard<br/>(HV) High Voltage</small> |

### FIELD INSTALLED ACCESSORIES

|                 |                   |
|-----------------|-------------------|
| ESL-ALD1-BZSF*  | Slip Fitter Mount |
| ESL-ALD1-BZUDM* | Direct Mount      |
| ESL-ALD1-BZTM*  | Trunnion Mount    |

\* Mounts Sold Separately

**Catalog Data:**

| ITEM#                          | SELECTABLE WATTAGE | SELECTABLE KELVIN | VOLTAGE     | MAX LUMEN OUTPUT | EFFICACY (lm/W) | DIMENSIONS              |
|--------------------------------|--------------------|-------------------|-------------|------------------|-----------------|-------------------------|
| ESL-AL-100150W-D13050-BZ-T3    | 100W-120W-150W     | 3000K-4000K-5000K | 122-277 VAC | 25,500           | 170             | 16.63" x 8.66" x 2.07"  |
| ESL-AL-200300W-D13050-BZ-T3    | 200W-240W-300W     | 3000K-4000K-5000K |             | 51,000           | 170             | 20.05" x 11.89" x 2.07" |
| ESL-AL-100150W-D13050-BZ-T3-HV | 100W-120W-150W     | 3000K-4000K-5000K | 277-480 VAC | 25,500           | 170             | 16.63" x 8.66" x 2.07"  |
| ESL-AL-200300W-D13050-BZ-T3-HV | 200W-240W-300W     | 3000K-4000K-5000K |             | 51,000           | 170             | 20.05" x 11.89" x 2.07" |

**Electrical Load – Standard Voltage:**

| SYSTEM WATTS | INPUT CURRENT |         |         |         | INPUT WATTAGE | INPUT FREQUENCY | POWER FACTOR                   | THD  | OPERATING TEMPERATURE             | SURGE PROTECTION | DIMMING             |
|--------------|---------------|---------|---------|---------|---------------|-----------------|--------------------------------|------|-----------------------------------|------------------|---------------------|
|              | 120 VAC       | 208 VAC | 240 VAC | 277 VAC |               |                 |                                |      |                                   |                  |                     |
| 100          | 0.83          | 0.48    | 0.42    | 0.36    | 120-277 VAC   | 50/60 Hz        | >0.97@120 VAC<br>>0.92@277 VAC | <20% | -40°F to 122°F<br>(-40°C to 50°C) | 6kV Driver       | 0-10V<br>Dim to Off |
| 120          | 1.00          | 0.58    | 0.50    | 0.43    |               |                 |                                |      |                                   |                  |                     |
| 150          | 1.25          | 0.72    | 0.63    | 0.54    |               |                 |                                |      |                                   |                  |                     |
| 200          | 1.67          | 0.96    | 0.83    | 0.72    |               |                 |                                |      |                                   |                  |                     |
| 240          | 2             | 1.15    | 1       | 0.87    |               |                 |                                |      |                                   |                  |                     |
| 300          | 2.5           | 1.44    | 1.25    | 1.08    |               |                 |                                |      |                                   |                  |                     |

**Electrical Load – High Voltage:**

| SYSTEM WATTS | INPUT CURRENT |         |         | INPUT WATTAGE | INPUT FREQUENCY | POWER FACTOR                   | THD  | OPERATING TEMPERATURE             | SURGE PROTECTION | DIMMING             |
|--------------|---------------|---------|---------|---------------|-----------------|--------------------------------|------|-----------------------------------|------------------|---------------------|
|              | 277 VAC       | 347 VAC | 480 VAC |               |                 |                                |      |                                   |                  |                     |
| 100          | 0.36          | 0.28    | 0.21    | 277-480 VAC   | 50/60 Hz        | >0.95@277 VAC<br>>0.90@480 VAC | <20% | -40°F to 122°F<br>(-40°C to 50°C) | 6kV Driver       | 0-10V<br>Dim to Off |
| 120          | 0.43          | 0.35    | 0.25    |               |                 |                                |      |                                   |                  |                     |
| 150          | 0.54          | 0.43    | 0.31    |               |                 |                                |      |                                   |                  |                     |
| 200          | 0.72          | 0.58    | 0.42    |               |                 |                                |      |                                   |                  |                     |
| 240          | 0.87          | 0.69    | 0.50    |               |                 |                                |      |                                   |                  |                     |
| 300          | 1.08          | 0.86    | 0.63    |               |                 |                                |      |                                   |                  |                     |

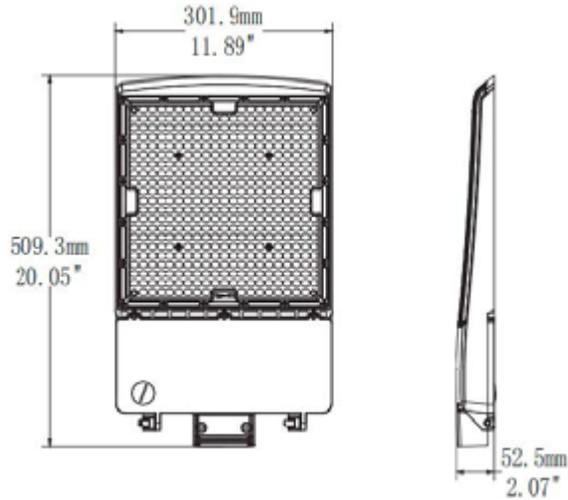
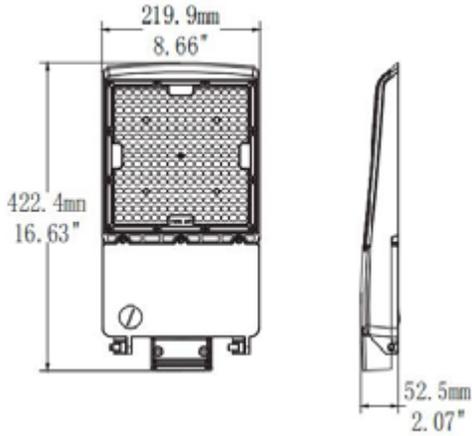
**Lumen Ambient Temperature (LAT) Multipliers:**

| 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             |

**Dimensions:**

**ESL-AL-100150W-D13050-BZ-T3 &  
ESL-AL-100150W-D13050-BZ-T3-HV**

**ESL-AL-200300W-D13050-BZ-T3 &  
ESL-AL-200300W-D13050-BZ-T3-HV**



**Mounts:**

**Slip Fitter (SF)**  
ESL-ALD1-BZSF



**Direct Mount (DM)**  
ESL-ALD1-BZUDM



**Trunnion Mount (TM)**  
ESL-ALD1-BZTM

