**ESL VISION**

## Product Features:

- Wattage Adjustable with No Tools Required
- Lightweight Design for Easy Installation
- DLC 5.1 Premium
- Innovative Mounting Hardware Allows for Single Person Installation
- 10kV Surge Protection Standard
- 7 Year Warranty
- Factory Fixed Option Available

Project: _____    Date: _____

Catalog #: _____

Notes: _____

## Product Specifications:

**Electrical:**
Input Voltage Options: 120–277 VAC, 277–480 VAC
Operating Temperature: -40°F to 140°F (-40°C to 60°C)
Life: L70 Lifetime >100,000 hours, L90 Lifetime >48,000 Hours —TM-21, @77F
Dimming: 0–10V Dimmable
12V Auxiliary
10kV Surge Protection
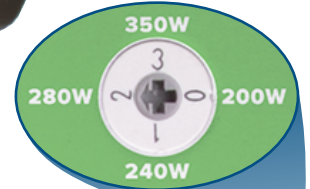Default Wattage: 280W

**Optical:**
Optical Grade Polycarbonate Lens with UV Protection
Prismatic Molded Lens for Optimal Uniformity
Impact Resistant Lens

**Construction:**
Rugged Anodized Aluminum Housing
High Performance Heat Sink
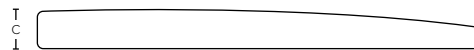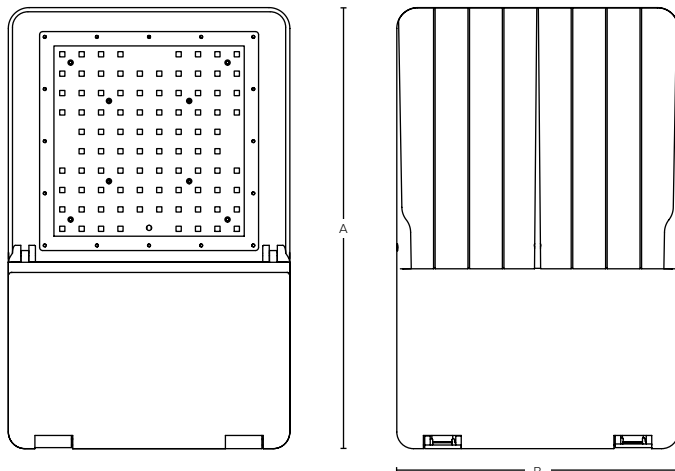Weather-tight Tool-less Entry Access
Stainless Steel Hardware

**WATTAGE SELECTABLE**

350W
280W  3  200W
  2 +
  1 0
240W

**POLLO SERIES**

7 YEAR WARRANTY

DLC QPL LISTED PREMIUM

INTERTEK ETL US

DIMMABLE 0–10V 12V AUX

IP65 RATING

## Dimensions:

| SYSTEM WATTS | DIMENSIONS | | | WEIGHT |
|---|---|---|---|---|
| | A | B | C | Pounds (lbs) |
| 80185W | 16.65" | 10.63" | 1.38" | 10.6 |
| 200350W | 20.35" | 13.78" | 2.56" | 14.1 |

## Ordering Guide:

| ESL | - | TYPE | - | SELECTABLE WATTAGE | - | GENERATION | KELVIN | - | VOLTAGE | - | FINISH | - | LENS | - | OPTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ESL | - | CAL | - | 200350W | - | 1 | (xx) | - | (zz) | - | | - | | - | |
| | | CAL (Area Light) | | 200W, 240W, 280W, 350W | | (1) 1st Generation | (40) 4000K (50) 5000K | | (blank) 120–277V (HV) 277–480V | | (BZ) Bronze (WH) White | | (T3) default (T4) (T5) | | Factory Installed |

## Factory Installed Options

| Sensors | | Receptacle | |
|---|---|---|---|
| 8OCC | Area Light Occupancy Sensor, Dip Switch, 0–10v, 12VDC Input | RPC3 | 3 Pin Twist Lock Receptacle |

## Field Installed Accessories

| Mounts (with knuckle) | | Lens | |
|---|---|---|---|
| ESL-AL-BZKNDM | Area Light Bronze Knuckle Direct Mount | ESL-CAL1-SLENS-T3 | Contractor Area Light 80–185W T3 Lens |
| ESL-AL-WHKNDM | Area Light White Knuckle Direct Mount | ESL-CAL1-SLENS-T4 | Contractor Area Light 80–185W T4 Lens |
| ESL-AL-BZKNRDM4 | Area Light Bronze Knuckle 4" Round Direct Mount | ESL-CAL1-SLENS-T5 | Contractor Area Light 80–185W T5 Lens |
| ESL-AL-WHKNRDM4 | Area Light White Knuckle 4" Round Direct Mount | **Shields** | |
| ESL-AL-BZKNRDM5 | Area Light Bronze Knuckle 5" Round Direct Mount | ESL-AL2-FSS-S-BZ | AL Front Street Side Shield Small / Bronze |
| ESL-AL-WHKNRDM5 | Area Light White Knuckle 5" Round Direct Mount | ESL-AL2-FSS-S-WH | AL Front Street Side Shield Small / White |
| ESL-AL-BZKNSF | Area Light Bronze Knuckle Slip Fitter | ESL-AL2-FBS-S-BZ | AL Full Body Shield Small / Bronze |
| ESL-AL-WHKNSF | Area Light White Knuckle Slip Fitter | ESL-AL2-FBS-S-WH | AL Full Body Shield Small / White |
| **Mounts (without knuckle)** | | ESL-AL2-HSS-S-BZ | AL House Side Shield Small / Bronze |
| ESL-AL-BZFDM | Area Light, Bronze Fixed Direct Mount | ESL-AL2-HSS-S-WH | AL  House Side Shield Small / White |
| ESL-AL-WHFDM | Area Light, White Fixed Direct Mount | **Sensors** | |
| ESL-AL-BZYM | Area Light, Bronze Yoke Mount | ESL-PCOF | On/Off Photocell (120–277 VAC |
| ESL-AL-WHYM | Area Light, White Yoke Mount | ESL-PCOFHV | On/Off Photocell (432–538 VAC |
| ESL-AL-BZFRDM4 | Area Light, Bronze 4" Fixed Round DM | ESL-PCSC | Shorting Cap for Photocell |
| ESL-AL-WHFRDM4 | Area Light, White 4" Fixed Round DM | **Bird Spikes** | |
| ESL-AL-BZFRDM5 | Area Light, Bronze 5" Fixed Round DM | ESL-AL2-BS | Area Light Bird Spikes |
| ESL-AL-WHFRDM5 | Area Light, White 5" Fixed Round DM | | |

## Accessories



**Fixed 5" Round Direct Mount**
**ESL-AL-xxFRDM5**
**12/case**

**Fixed 4" Round Direct Mount**
**ESL-AL-xxFRDM4**
**12/case**

**Fixed Direct Mount**
**ESL-AL-xxFDM**
**12/case**

**Knuckle 5" Round Direct Mount**
**ESL-AL-xxKNRDM5**
**12/case**

**Knuckle 4" Round Direct Mount**
**ESL-AL-xxKNRDM4**
**12/case**

**Knuckle Direct Mount**
**ESL-AL-xxKNDM**
**12/case**

**Yoke Mount**
**ESL-AL-xxYM**
**12/case**

**Slip Fitter**
**ESL-AL-xxKNSF**
**16/case**

**House Side Shield**
**ESL-AL2-HSS-y-xx**

**Front Side Shield**
**ESL-AL2-FSS-y-xx**

**Full Body Shield**
**ESL-AL2-FBS-y-xx**

**Bird Spikes**
**ESL-AL2-BS**

**ON/OFF Photocell**
**120–277 VAC**
**ESL-PCOF**

**ON/OFF Photocell**
**432–538 VAC**
**ESL-PCOFHV**

**Shorting Cap**
**ESL-PCSC**

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

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## Catalog Data:

| ITEM# | SELECTABLE WATTAGE | LUMEN OUTPUT | EFFICACY (lm/W) | KELVIN (xx) | FINISH (ff) | DLC QPL CODE |
|---|---|---|---|---|---|---|
| ESL-CAL-80185W-140-ff-T3 | 80W | 12,640 | 158 | (40) 4000K | (BZ) Bronze (WH) White | P7IK15ZS |
| | 120W | 18,240 | 152 | | | |
| | 150W | 22,200 | 148 | | | |
| | 185W | 25,794 | 141 | | | |
| ESL-CAL-80185W-150-ff-T3 | 80W | 12,800 | 160 | (50) 5000K | (BZ) Bronze (WH) White | P7IK15ZS |
| | 120W | 18,360 | 153 | | | |
| | 150W | 22,500 | 150 | | | |
| | 185W | 26,833 | 147 | | | |
| ESL-CAL-200350W-140-ff-T3 | 200W | 30,600 | 153 | (40) 4000K | (BZ) Bronze (WH) White | PWXMO1D8 |
| | 240W | 35,760 | 149 | | | |
| | 280W | 39,480 | 141 | | | |
| | 350W | 48,671 | 141 | | | |
| ESL-CAL-200350W-150-ff-T3 | 200W | 30,800 | 154 | (50) 5000K | (BZ) Bronze (WH) White | P79072ZI |
| | 240W | 36,000 | 150 | | | |
| | 280W | 39,760 | 142 | | | |
| | 350W | 50,601 | 147 | | | |

## Electrical Load — Standard Voltage:

| SYSTEM WATTS | INPUT CURRENT 120 VAC | 208 VAC | 240 VAC | 277 VAC | INPUT WATTAGE | INPUT FREQUENCY | POWER FACTOR | THD | OPERATING TEMPERATURE | SURGE PROTECTION | DIMMING |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 0.67 | 0.38 | 0.33 | 0.29 | 120–277 VAC | 50/60 Hz | >0.97 @120 VAC >0.92 @277 VAC | <13% | -40ºF to 140ºF (-40ºC to 60ºC) | 4kV L/N 6kV L/N/G 10kV | 0–10V |
| 120 | 1.00 | 0.58 | 0.50 | 0.43 | | | | | | | |
| 150 | 1.25 | 0.72 | 0.63 | 0.54 | | | | | | | |
| 185 | 1.54 | 0.89 | 0.77 | 0.67 | | | | | | | |
| 200 | 1.67 | 0.96 | 0.83 | 0.72 | | | | | | | |
| 240 | 2.00 | 1.15 | 1.00 | 0.87 | | | | | | | |
| 280 | 2.33 | 1.35 | 1.17 | 1.01 | | | | | | | |
| 350 | 2.92 | 1.68 | 1.46 | 1.26 | | | | | | | |

## Electrical Load — High Voltage:

| SYSTEM WATTS | INPUT CURRENT 277 VAC | 347 VAC | 480 VAC | INPUT WATTAGE | INPUT FREQUENCY | POWER FACTOR | THD | OPERATING TEMPERATURE | SURGE PROTECTION | DIMMING |
|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 0.29 | 0.23 | 0.17 | 277–480 VAC | 50/60 Hz | >0.95 @277 VAC >0.90 @480 VAC | <13% | -40ºF to 140ºF (-40ºC to 60ºC) | 4kV L/N 6kV L/N/G 10kV | 0–10V |
| 120 | 0.43 | 0.35 | 0.25 | | | | | | | |
| 150 | 0.54 | 0.43 | 0.31 | | | | | | | |
| 185 | 0.67 | 0.53 | 0.39 | | | | | | | |
| 200 | 0.72 | 0.58 | 0.42 | | | | | | | |
| 240 | 0.87 | 0.69 | 0.50 | | | | | | | |
| 280 | 1.01 | 0.81 | 0.58 | | | | | | | |
| 350 | 1.26 | 1.01 | 0.73 | | | | | | | |

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

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## EPA Ratings:

| TILT | SINGLE FIXTURE | TWO FIXTURES @ 90° | TWO FIXTURES @ 180° | THREE FIXTURES @ 90° | THREE FIXTURES AT 120° | FOUR FIXTURES @ 90° |
|---|---|---|---|---|---|---|
| 80W / 120W / 150W / 185W | | | | | | |
| 0° | 0.19 | 0.38 | 0.39 | 0.54 | 0.51 | 0.75 |
| 10° | 0.57 | 1.16 | 1.19 | 1.41 | 1.29 | 2.25 |
| 30° | 0.75 | 1.56 | 1.72 | 2.24 | 2.15 | 3.10 |
| 60° | 1.31 | 2.55 | 2.74 | 3.29 | 3.06 | 5.17 |
| 90° | 1.43 | 3.01 | 3.19 | 4.29 | 4.19 | 5.87 |
| 200W / 240W / 280W / 350W | | | | | | |
| 0° | 0.21 | 0.51 | 0.57 | 1.53 | 1.36 | 1.85 |
| 10° | 0.97 | 1.45 | 1.59 | 2.68 | 2.23 | 2.58 |
| 30° | 1.95 | 2.81 | 3.24 | 4.37 | 4.16 | 6.35 |
| 60° | 2.21 | 3.84 | 4.37 | 6.64 | 6.41 | 8.63 |
| 90° | 2.32 | 4.66 | 5.13 | 7.65 | 7.64 | 11.19 |

## 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 |

ESL VISION

## DIRECT MOUNT

| | A | B | C |
|---|---|---|---|
| Direct Mount—Square | 9.18" | 4.88" | FLAT |
| Direct Mount—Round 4" | 9.46" | 4.88" | Ø4" |
| Direct Mount—Round 5" | 9.38" | 4.88" | Ø5" |
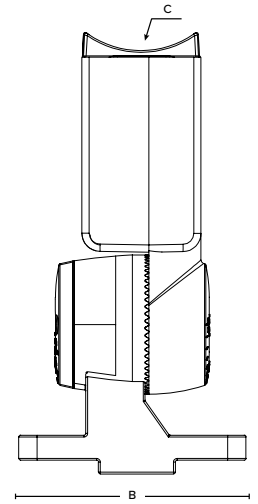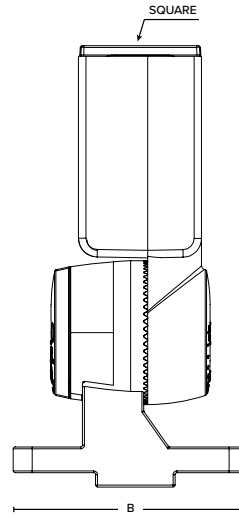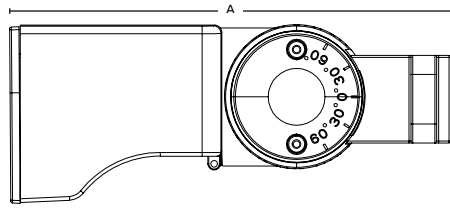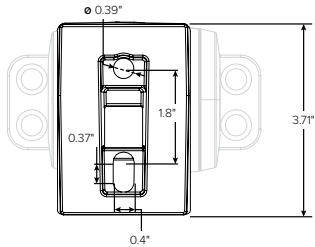


## FIXED DIRECT MOUNT

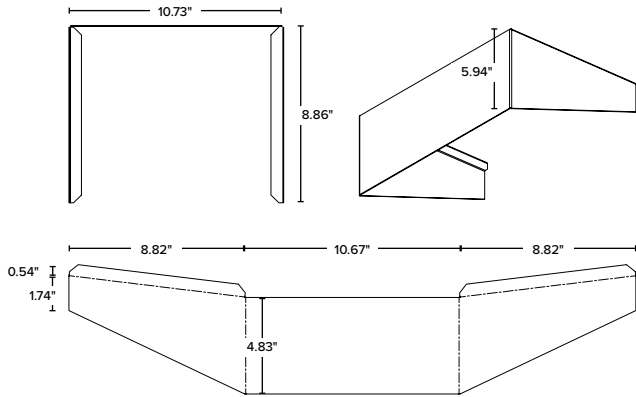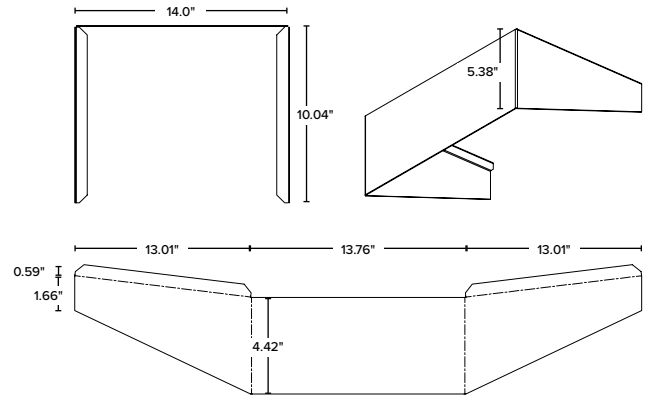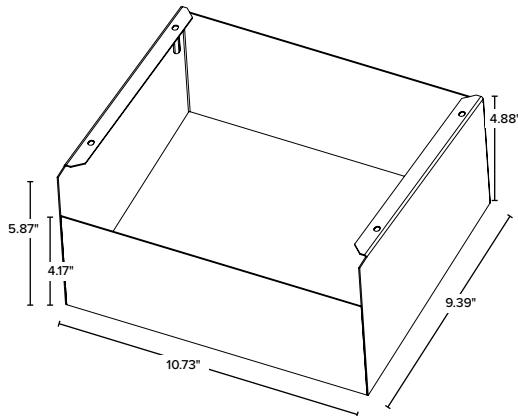| | A | B | C |
|---|---|---|---|
| Direct Mount—Square | 7.37" | 4.87" | FLAT |
| Direct Mount—Round 4" | 7.69" | 4.87" | Ø4" |
| Direct Mount—Round 5" | 7.69" | 4.87" | Ø5" |
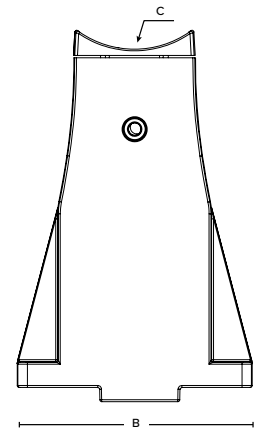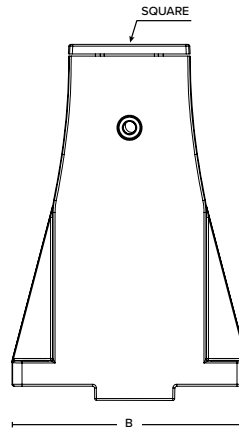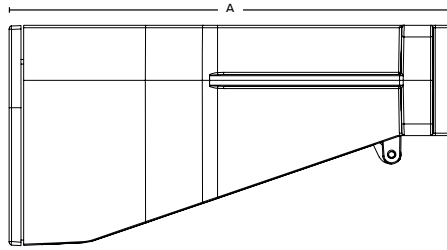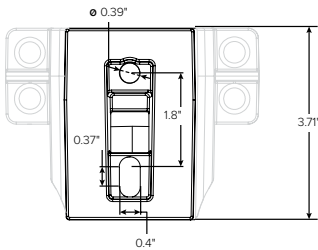


## SLIP FITTER
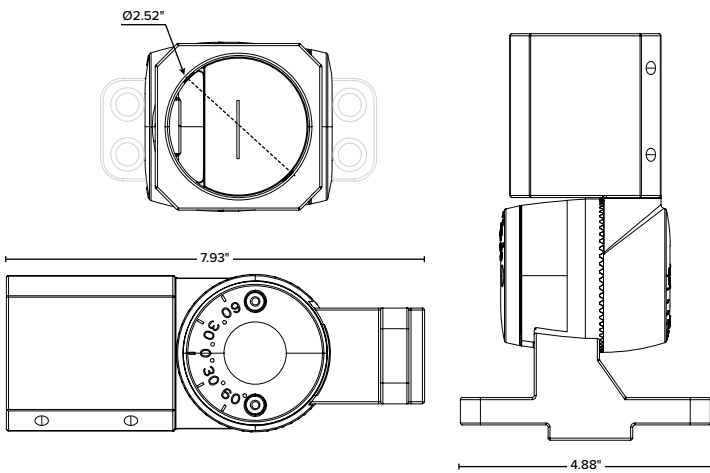


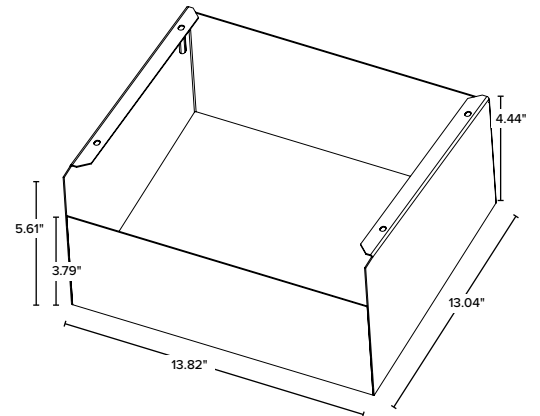## YOKE MOUNT
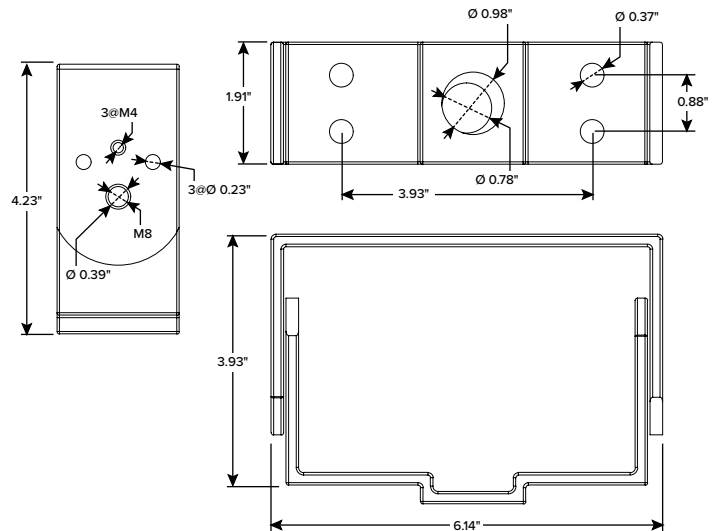
## FRONT STREET SIDE SHIELD — SMALL
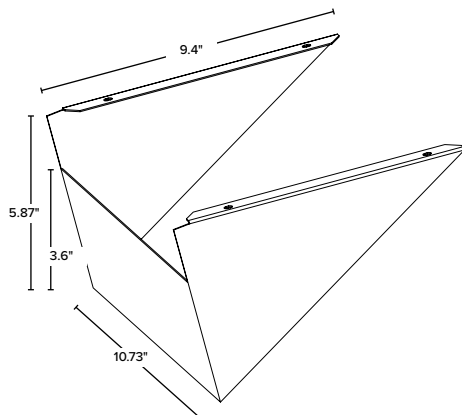


## FRONT STREET SIDE SHIELD — LARGE



## FULL BODY SHIELD — SMALL



## FULL BODY SHIELD — LARGE



## HOUSE SIDE SHIELD — SMALL



## HOUSE SIDE SHIELD — LARGE