



# FL8S-LED300A150

## LED Flood Light



**Applications:**  
Building facades, car dealerships, parking lots and more.

### DESCRIPTION:

The FLS-LED series is a versatile, cost effective, area/ flood light that can suit a variety of applications such as parking lots, building facades, car dealerships.

### FEATURES:

- Universal Mounting – Yoke, Trunnion, Slip fitter, Slip fitter with Wall Adapter, Mounting Arm for Round or Square Poles. Mounting system to be ordered separately.
- Rugged Design - Die cast aluminum housing with polycarbonate lens.
- High Efficacy – 139 lumens per watt.
- Easy to Install – 1 meter power cord and low voltage dimming cord. Mounting system slides in place and is secured with 2 bolts.
- Motion sensor, photocell, 3/7 pin receptacles are optional.
- 0 – 10V dimming is standard.
- Lumen adjustable unit - allows Installer to set lumen output to desired setting using a mechanical switch on the housing.
- 4 lumen output settings on the switch.

### SPECIFICATIONS<sup>1</sup>

|                           |                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------|
| Watts                     | 300                                                                                                 |
| Lumens                    | 41709                                                                                               |
| Efficacy (Lm/W)           | 139.0                                                                                               |
| Replaces Up To            | 1000W MH                                                                                            |
| Colour Temp               | 4000K, 5000K                                                                                        |
| Certifications            | cULus, IP65, Wet Location, DLC Premium                                                              |
| Operating Temp            | -40°C to +40°C                                                                                      |
| Voltage                   | 120-277, 347                                                                                        |
| Beam Pattern              | T3 - Type III<br>T5 - Type V                                                                        |
| Total Harmonic Distortion | 15%                                                                                                 |
| Power Factor              | 0.9                                                                                                 |
| Mounting Options          | Yoke, Trunnion, Slip fitter, Slip fitter with Wall Adapter, Mounting Arm for Round or Square Poles. |
| Controls                  | Motion sensor, photocell, 3/7 pin receptacle                                                        |

<sup>1</sup>The above specs apply to the standard product configuration.  
For spec information on other product configurations please see page 2.

# FULL SPECIFICATIONS:

| DESCRIPTION                                    | VOLTAGE (V) | INPUT POWER (W) | LIGHT OUTPUT (LM) | EFFICACY (LM/W) | THD (%) | PF    | CCT (K) | B-U-G |
|------------------------------------------------|-------------|-----------------|-------------------|-----------------|---------|-------|---------|-------|
| FL8S-LED300A150-B-4K-T5-XXX-DIM-[DMS;PC;Blank] | 120-277     | 300             | 41709             | 139.0           | 15.0    | 0.900 | 4000    | 5-0-3 |
| FL8S-LED300A150-B-4K-T3-XXX-DIM-[DMS;PC;Blank] | 120-277     | 300             | 41071             | 136.9           | 15.0    | 0.900 | 4000    | 5-0-4 |
| FL8S-LED300A150-B-5K-T5-XXX-DIM-[DMS;PC;Blank] | 120-277     | 300             | 42098             | 140.3           | 15.0    | 0.900 | 5000    | 5-0-3 |
| FL8S-LED300A150-B-5K-T3-XXX-DIM-[DMS;PC;Blank] | 120-277     | 300             | 41467             | 138.2           | 15.0    | 0.900 | 5000    | 5-0-4 |
| FL8S-LED300A150-C-4K-T5-XXX-DIM-[DMS;PC;Blank] | 347         | 292             | 38807             | 132.9           | 15.0    | 0.900 | 4000    | 5-0-3 |
| FL8S-LED300A150-C-4K-T3-XXX-DIM-[DMS;PC;Blank] | 347         | 292             | 36739             | 125.7           | 15.0    | 0.900 | 4000    | 4-0-4 |
| FL8S-LED300A150-C-5K-T5-XXX-DIM-[DMS;PC;Blank] | 347         | 292             | 39223             | 134.2           | 15.0    | 0.900 | 5000    | 5-0-3 |
| FL8S-LED300A150-C-5K-T3-XXX-DIM-[DMS;PC;Blank] | 347         | 293             | 37026             | 126.4           | 15.0    | 0.900 | 5000    | 4-0-4 |

**Legend:**

B - 120V-277V, C-347V  
 4K - 4000K, 5K - 5000K  
 T3 - TYPE 3 BEAM, T5 - TYPE 5 BEAM

XXX - HOUSING FINISH  
 DIM - 0-10V DIMMING

| LUMEN ADJUSTABLE SETTINGS* |                   |                   |               |
|----------------------------|-------------------|-------------------|---------------|
|                            | Lumen Output (5K) | Lumen Output (4K) | Wattage Level |
| Setting 1                  | 42098             | 41709             | 300W          |
| Setting 2                  | 32276             | 31977             | 230W          |
| Setting 3                  | 28066             | 27806             | 200W          |
| Setting 4                  | 21049             | 20854             | 150W          |

\*NOTE: Lumen output values apply to 120-277V, Type V models.

| AMPERAGE DRAW & SURGE PROTECTION |             |       |       |       |       |                       |      |
|----------------------------------|-------------|-------|-------|-------|-------|-----------------------|------|
|                                  | Current (A) |       |       |       |       | Surge Protection (kV) |      |
|                                  | 120V        | 208V  | 240V  | 277V  | 347V  | 120-277V              | 347V |
| FL8S-LED300                      | 2.63A       | 1.52A | 1.32A | 1.14A | 0.91A | 10kV                  |      |

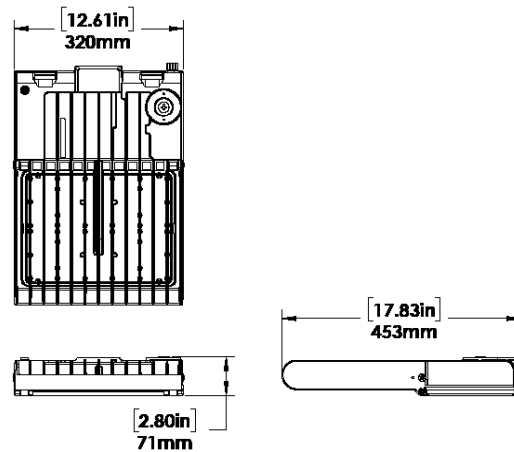
| WEIGHT AND EPA |              |         |          |          |
|----------------|--------------|---------|----------|----------|
|                | Weight (lbs) | 0° Tilt | 45° Tilt | 90° Tilt |
| FL8S           | 15.2         | 0.60    | 1.73     | 2.26     |

| LUMEN MAINTENANCE |              |              |               |
|-------------------|--------------|--------------|---------------|
|                   | 50,000 Hours | 75,000 Hours | 100,000 Hours |
| FL8S-LED300       | 88%          | 83%          | 78%           |

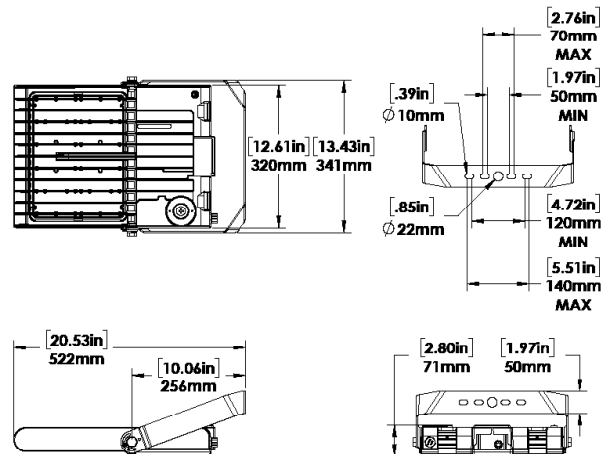
## DIMENSIONS:



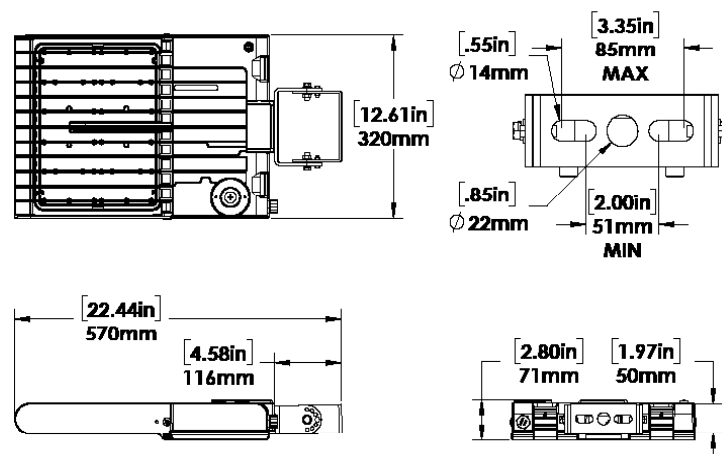
**FL8S-LED300A150**



**YOKE MOUNT**



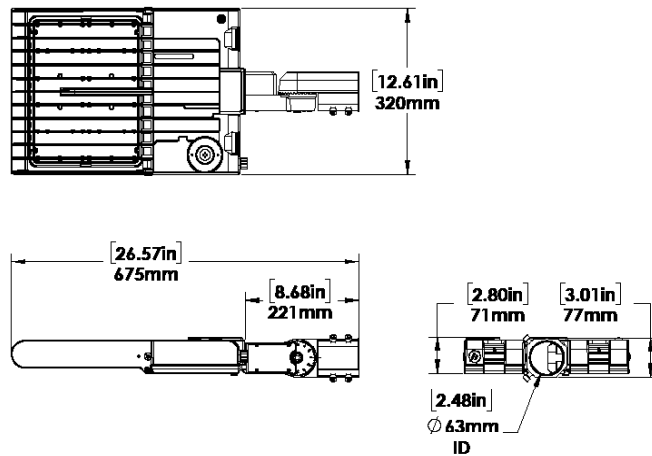
**TRUNNION MOUNT**



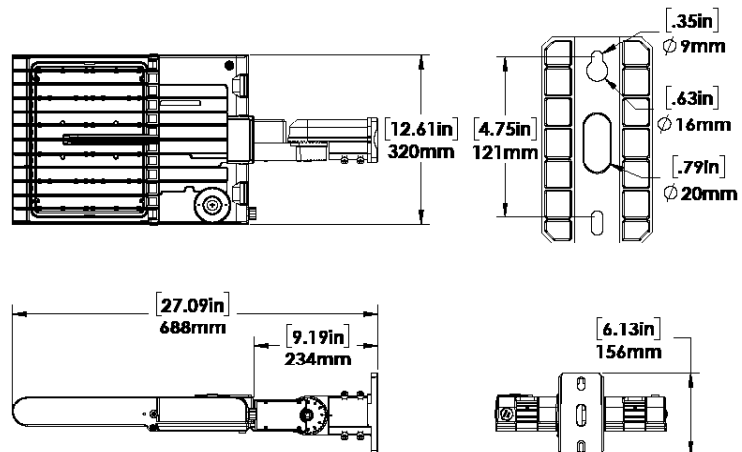
## DIMENSIONS:



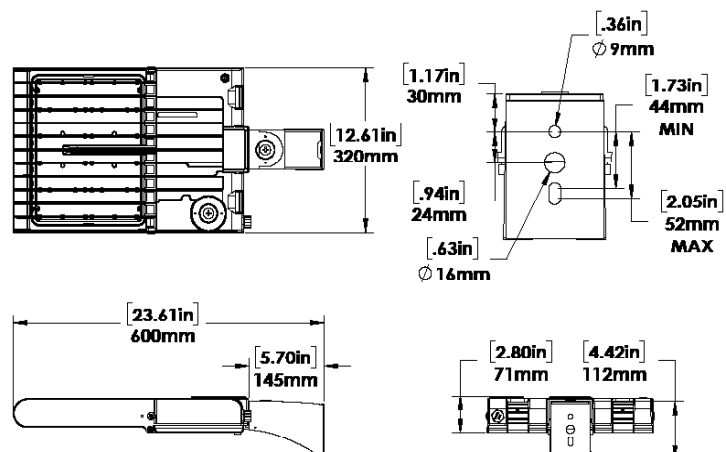
**SLIP FITTER**



**SLIP FITTER WITH  
WALL ADAPTOR  
MOUNT**



**MOUNTING ARM  
FOR ROUND OR  
SQUARE POLES**



## ORDERING GUIDE:

### FL8S-LED300A150

| Voltage      | Colour Temp. | Beam        | Finish       | Driver              | Controls*                                         |
|--------------|--------------|-------------|--------------|---------------------|---------------------------------------------------|
| B - 120-277V | 5K - 5000K   | T5 - Type 5 | BRZ - Bronze | DIM - 0-10V Dimming | PC - Photocell                                    |
| C - 347V     | 4K - 4000K   | T3 - Type 3 | CC - Custom  |                     | DMS - Dimmable Motion Sensor                      |
|              |              |             |              |                     | 3PIN - 3 Pin receptacle for ON/OFF photocells     |
|              |              |             |              |                     | 7PIN - 7 pin receptacle for smart control systems |

\*all controls are factory installed

### Ordering Guide For Accessories

Check the items that you wish to order:

- ☐ 082749 - FL8S/FL9S YOKE BRZ
- ☐ 082750 - FL5S/FL6S/FL8S/FL9S SLIP FITTER BRZ
- ☐ 082751 - FL5S/FL6S/FL8S/FL9S TRUNNION BRZ
- ☐ 082762 - FL5S/FL6S/FL8S/FL9S MOUNTING ARM BRZ
- ☐ 082763 - FL5S/FL6S/FL8S/FL9S SLIP FITTER W/WALL ADAPTER BRZ