

LED Sports Flood

LSF Series



Features

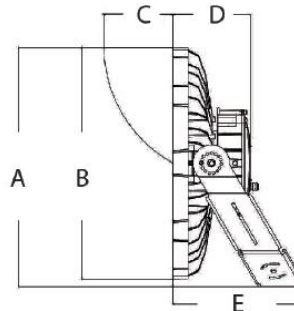
- Heavy duty, powder-coated, die-cast, aluminum housing
- LED driver easily accessible via door
- Light engine is thermally isolated from driver compartment
- UV stabilized polyester powder paint finish
- Rugged, weather tight design and 3G vibration ratings ensure durability even in harsh environments
- Horizontal and vertical aiming
- Glare shield included
- Four beam angle options to maximize performance: T3 (25°), T4 (30°), T5 (60°), T6 (90°)
- -40°C (-40°F) to 50°C (122°F) operating temp range
- 20kV surge protection standard
- 1–10V dimming driver standard
- L₇₀ is > 100k hours; L₉₀ is 42,000 hours
- ADC12 Aluminum
- 70+ CRI
- 3G vibration rated
- 30" SJTW Cordset, 18AWG, 3 Conductor
- 0 – ±90° rotatable bracket, 0.62" mounting hole

| | |
|--------------|--|
| Project: | |
| Catalog#: | |
| Approved by: | |

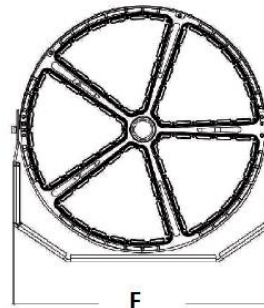
Description

LSF series is designed for outdoor sports lighting, a superior high output, high efficiency LED flood light, featuring a unique optical design that virtually eliminates glare with minimal impact on performance. It is available in a variety of flood distributions for lighting applications such as large areas, port and rail centers, interior and outdoor sports.

Dimensions



| | |
|---|--------------------|
| A | 23" (57.3 cm) |
| B | Dia. 22" (55.4 cm) |
| C | 6" (16.5 cm) |
| D | 7" (18.6 cm) |
| E | 12" (31.3 cm) |
| F | 23" (58.1 cm) |



| Loading | |
|----------------|------|
| Weight (lbs) | 44 |
| EPA horizontal | 3.3 |
| EPA 25° down | 3.05 |



Ordering Information

| Model | Wattage | Input Voltage | Optical Distribution | CCT | Fixture Color | Surge | DLC ID (MV, HV) |
|----------------------|------------|--|----------------------------------|--------------|---------------|-----------------|-------------------------|
| LSF LED Sports Flood | C: 460W | MV: 120–277V, 50/60 Hz HV: 200–480V, 50/60 Hz | T3: 25°, 64,400 lm | 5K: 5000K | BL: Black | 2: 20kV 10kA | S-CY8WHM, S-NFH8UL |
| | | | T4 ¹ : 30°, 73,600 lm | | | | ¹ Not listed |
| | | | T5: 60°, 73,600 lm | | | | S-I7NB1C, S-H6SM24 |
| | | | T6: 90°, 73,600 lm | | | | S-BRGZK5, S-JCI693 |

Construction of LSF Series

- 1. Glare shield
- 2. Vertical adjustment
- 3. Light source: premium LEDs, system efficacy up to 155 lm/W
- 4. Driver housing
- 5. Die casting fixture body
- 6. Gasket
- 7. Premium, 1-10V dimmable, LED driver
- 8. Driver box cover
- 9. 0 – ±90° rotatable bracket, 0.62” mounting hole



Photometry

