

# PS Premier Sports Lighter

## Outdoor



This flood light series is designed for superior high lumen output and efficacy in the sports lighting arena. With all glare eliminated in its design, the Premier High-Mast has the least possible impact on athletic performance.



| Luminaire | PS Premier Sports Lighter | Type |
|-----------|---------------------------|------|
| Project   |                           |      |
| Product   |                           |      |
| Notes     |                           |      |

### Features

- Precision Individual Optics for Uniform Illumination
- Rotatable Bracket
- Use in High Mast, Industrial, Tunnel, and Stadium Applications



### Order Format

Sample: PS-40-40 30 °

| Series                        | Wattage  | CCT                  | Degree of Lens                                 |
|-------------------------------|--|----------------------|--|
| PS<br>=Premier Sports Lighter | 40=400W<br>50=500W<br>60=600W<br>75=750W<br>100=1000W<br>120=1200W | 40=4000K<br>50=5000K | 12°<br>15°<br>30°<br>40°<br>45°<br>60°<br>120° |

### Application

The Premier Sports Lighter has vertical and horizontal angle ability, with adjustable brackets. The rugged, weather-tight design and 3G Vibration ratings ensure durability even in harsh environments. Find this fixture in lighting applications such as large areas, port and rail centers, and exterior sports.

### Construction

The Premier Sports Lighter is constructed out of a heavy duty die-cast aluminum. The driver compartment can be installed separate or attached from the light fixture, with the light engine thermally isolated. The fixture is finished with a UV stabilized polyester powder paint.

### Electrical

Fixture is integrated with a 20KV surge protection device standard with a 1-10V dimming driver standard. Fixture operates at 100-277V 50/60HZ standard and an optional 200-480V 50/60HZ. Operating temperature range is -40 °C to 50 °C. Wattages available from 400W-1200W.

### Optics

Different optical distributions are available to maximize performance - including 12°, 15°, 30°, 40°, 45°, 60°, and 120°. The sport light is available in 4000K and 5000K CCT, with other color temperatures available with additional lead time.

### Certifications

- DLC Pending
- UL listed
- IP65 rated

### Lens Angle

400W: 30°, 40°, 120°  
500W: 30°, 40°, 120°  
600W: 15°  
750W: 15°  
1000W: 12°, 30°, 40°, 45°, 60°  
1200W: 12°, 30°, 40°, 45°, 60°

| Catalog # | SPD  | EPA | NEMA Beam |
|-----------|------|-----|-----------|
| PS-40-XX  | 10KV | 1.5 | H4V4      |
| PS-50-XX  | 10KV | 1.5 | H4V4      |
| PS-60-XX  | 10KV | 2.5 | H3V3      |
| PS-75-XX  | 10KV | 2.5 | H3V3      |
| PS-100-XX | 10KV | 3.1 | H3V3      |
| PS-120-XX | 10KV | 3.1 | H3V3      |



|                     |   |
|---------------------|---|
| Input Voltage (VAC) | 100-277, 347- 480   |
| CRI                 | 70  |
| CCT(K)              | 4000, 4500*, 5000   |
| PF                  | >0.95   |
| THD                 | <15%  |
| L70 (Hours)         | >50,000   |
| Color               | Black   |
| Housing             | Powder Coated Die-Cast Aluminum   |
| Lens                | Anti-UV with Polycarbonate Lens<br>See lens availability in <b>Lens Angle</b> chart |
| Temperature Range   | -40°C to 50°C   |
| Warranty            | 5 year  |

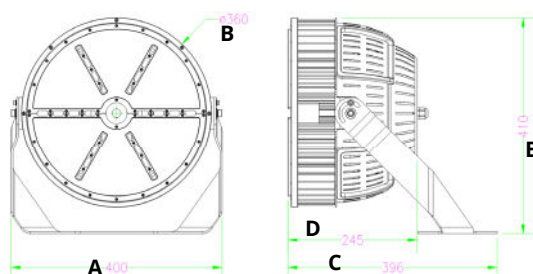
\*contact sales for lead time

### Lumen Data

| Catalog #      | Wattage (W) | 4000K              |                 |             | 5000K              |                 |             |
|----------------|-------------|--------------------|-----------------|-------------|--------------------|-----------------|-------------|
|                |             | System Wattage (W) | Efficacy (Lm/W) | Lumens (Lm) | System Wattage (W) | Efficacy (Lm/W) | Lumens (Lm) |
| PS-40-XX 30 °  | 400W        | 404                | 131             | 53,062      | 405                | 133             | 53,645      |
| PS-50-XX 30 °  | 500W        | 511                | 127             | 65,068      | 511                | 129             | 65,684      |
| PS-60-XX 15 °  | 600W        | 611                | 143             | 87,268      | 611                | 145             | 88,401      |
| PS-75-XX 15 °  | 750         | 748                | 138             | 103,264     | 748                | 140             | 104,590     |
| PS-100-XX 12 ° | 1000        | 1030               | 130             | 133,643     | 1030               | 131             | 135,183     |
| PS-120-XX 12 ° | 1200        | 1245               | 130             | 1615,49     | 1244               | 131             | 163,612     |

### Dimensions

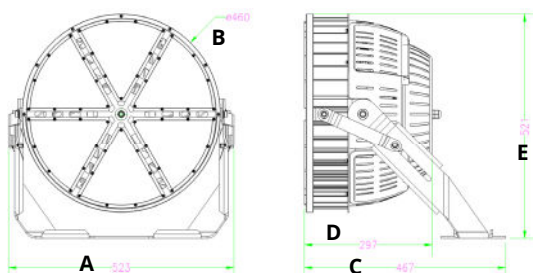
400W  
500W



| Catalog # | A   | B   | C   | D   | E   |
|-----------|-----|-----|-----|-----|-----|
| PS-40-XX  | 400 | 360 | 396 | 245 | 410 |
| PS-50-XX  | 400 | 360 | 396 | 245 | 410 |

Recorded in mm

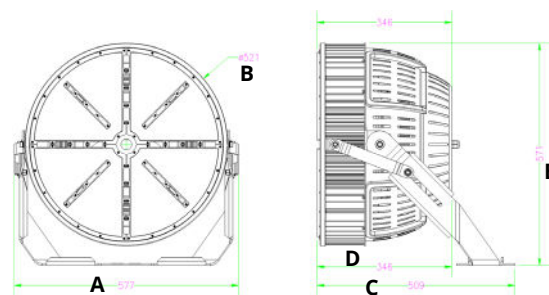
600W  
750W



|          | A   | B   | C   | D   | E   |
|----------|-----|-----|-----|-----|-----|
| PS-60-XX | 523 | 460 | 467 | 297 | 521 |
| PS-75-XX | 523 | 460 | 467 | 297 | 521 |

Recorded in mm

1000W  
1200W



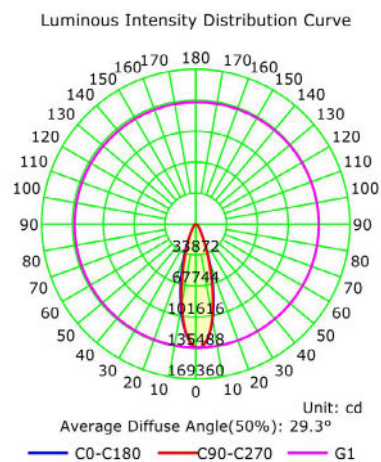
|           | A   | B   | C   | D   | E   |
|-----------|-----|-----|-----|-----|-----|
| PS-100-XX | 577 | 521 | 509 | 346 | 571 |
| PS-120-XX | 577 | 521 | 509 | 346 | 571 |

Recorded in mm

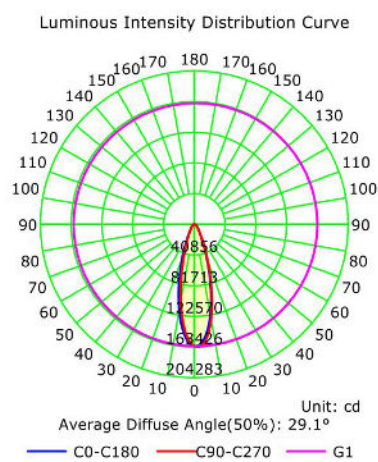
### Mounting



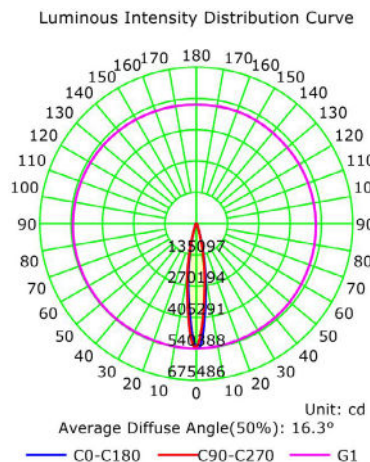
**Coverage**



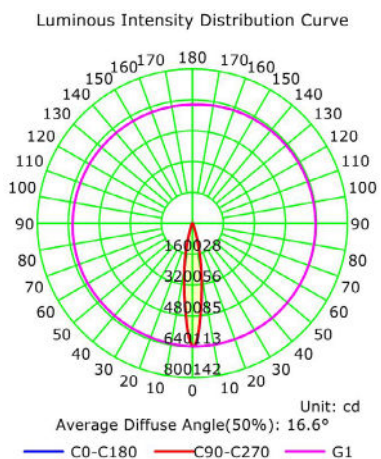
**PS-40**



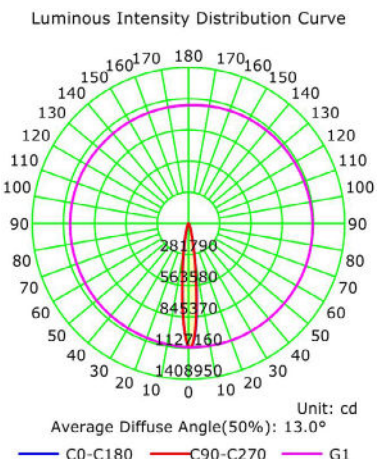
**PS-50**



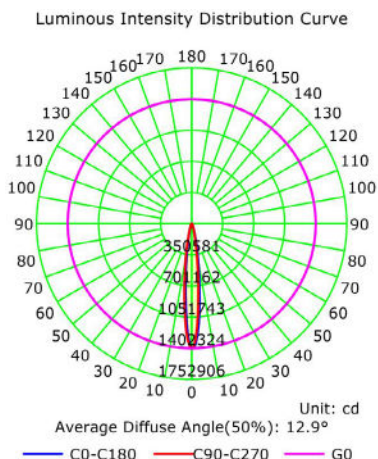
**PS-60**



**PS-75**



**PS-100**



**PS-120**