



LED SPORTS LIGHT (SL01)

Applications:

Outdoor sports venues including race tracks, college sports fields and professional sports stadiums.

FEATURES

Construction:

- Sealed die-casting profile for outdoor applications
- Low profile, 3G vibration rated compact design minimizes wind load requirements
- Housing is completely sealed against moisture and environmental contaminants (IP65)

Optics:

- Available in NEMA 3Hx3V, 4Hx4V, 5Hx5V, 6Hx6V distributions
- Light engines are available in standard 4000K, 5000K and 5700K (70/80/90 CRI) configurations
- Scalable Lumen Packages from 72,000 to 120,000 Lumens
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing

Electrical:

- Universal 120-277 VAC or 200-480 VAC input voltage
- Standard with 0-10V dimming driver(s)
- Built in surge suppression with max.20KV @120-277V (Max.40KV @200-480V)
- THD: ≤20%
- Power Factor: ≥90%

Controls:

- Ambient operating temperature -40°C to 50°C (-40°F to 122°F)

Lifespan:

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

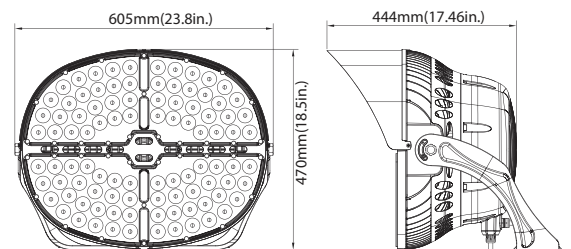
Small Size: 505W & 600W

Large Size: 850W



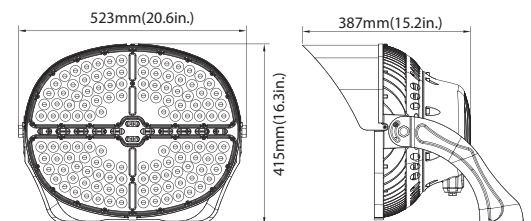
DIMENSIONS

Large Size: 850W



Net Weight:
850W: 63.47 lb

Small Size: 505W & 600W



Net Weight:
505W: 39.26 lb 600W: 40.99 lb



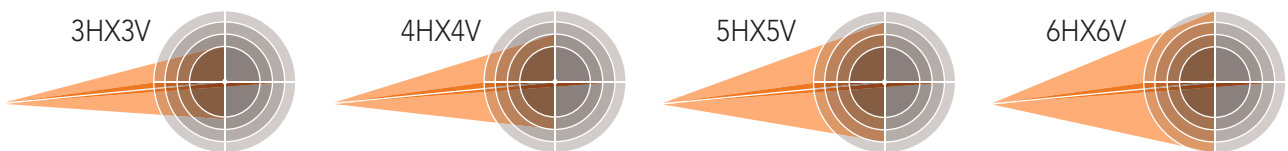
PERFORMANCE DATA

| SIZE | SYSTEM WATTS | VOLTAGE | NEMA | EPA | CRI | LUMENS (4000K) | LPW (4000K) | LUMENS (5000K) | LPW (5000K) | LUMENS (5700K) | LPW (5700K) |
|------------|--------------|---------------------|-------|--------|-----|----------------|-------------|----------------|-------------|----------------|-------------|
| Small Size | 505W | 120-277V / 200-480V | 4HX4V | 0.8218 | 70 | 72000lm | 143 lm/W | 72000lm | 143 lm/W | 72000lm | 143 lm/W |
| | | | 3HX3V | 0.8218 | 70 | 72000lm | 143 lm/W | 72000lm | 143 lm/W | 72000lm | 143 lm/W |
| Small Size | 600W | 200-480V | 4HX4V | 0.8218 | 70 | 90000lm | 150 lm/W | 90000lm | 150 lm/W | 90000lm | 150 lm/W |
| | | | 3HX3V | 0.8218 | 70 | 90000lm | 150 lm/W | 90000lm | 150 lm/W | 90000lm | 150 lm/W |
| Large Size | 850W | 200-480V | 4HX4V | 1.2413 | 70 | 120000lm | 141 lm/W | 120000lm | 141 lm/W | 120000lm | 141 lm/W |
| | | | 3HX3V | 1.2413 | 70 | 120000lm | 141 lm/W | 120000lm | 141 lm/W | 120000lm | 141 lm/W |

ELECTRICAL DATA

| Number Of Drivers | Driver Current (mA) | Nominal Power (W) | INPUT VOLTAGE (V) | CURRENT (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1 | 1300 | 505 | 120 | 4.21 |
| | | 505 | 208 | 2.43 |
| | | 505 | 240 | 2.10 |
| | | 505 | 277 | 1.82 |
| | | 505 | 347 | 1.46 |
| | | 505 | 480 | 1.05 |
| 1 | 1200 | 600 | 208 | 2.88 |
| | | 600 | 240 | 2.50 |
| | | 600 | 277 | 2.17 |
| | | 600 | 347 | 1.73 |
| | | 600 | 480 | 1.25 |
| 1 | 2800 | 850 | 208 | 4.09 |
| | | 850 | 240 | 3.54 |
| | | 850 | 277 | 3.07 |
| | | 850 | 347 | 2.45 |
| | | 850 | 480 | 1.77 |

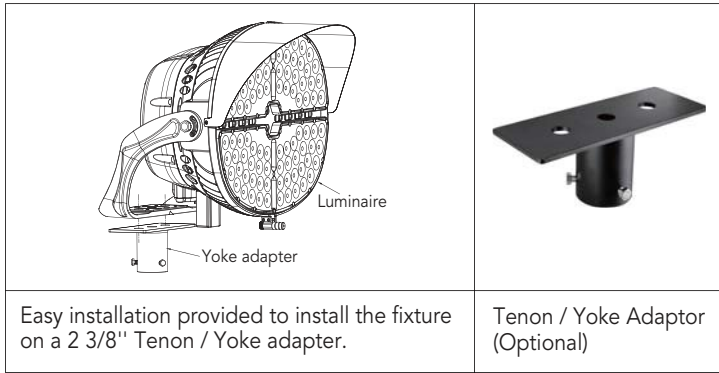
PHOTOMETRICS



ACCESSORIES

| | | | |
|---------------------------|--------------|-----------------------------|--|
| | | | |
| Black Top Visor (Default) | Aiming Sight | Integrated Control (Option) | Glare Control Shield (Optional for large size) |

MOUNTING BRACKET



Easy installation provided to install the fixture on a 2 3/8" Tenon / Yoke adapter.

Tenon / Yoke Adaptor (Optional)

ORDERING GUIDE

Example:AO-SL01-505-LV-40K-B-B33-TR-C

| Fixture Type | Wattage | Voltage | CCT | Finish | Nema | Mounting | Integrated Control | Internal Code |
|--------------------------|---|---|--|----------------------|--|----------------------|---|-------------------------------------|
| AO- <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| SL01 Sports light | 505 505W ² 850 850W | LV 120-277V HV 200-480V HV 277-480V ¹ | 40K 4000K 50K 5000K 57K 5700K | B Black | B33 3Hx3V B44 4Hx4V B55 5Hx5V ¹ B66 6Hx6V ¹ | TR Trunnion | C With Integrated Control Blank Without Integrated Control | Blank Alphanumeric |

Note: 1. 850W only suitable for 277-480V input.
2. 505W is in small size.

Example:AO-SL01E-600-LV-40K-B-B22-TR-C

| Fixture Type | Wattage | Voltage | CCT | Finish | Nema | Mounting | Integrated Control | Internal Code |
|--------------------------|------------------------------|--|--|----------------------|--|----------------------|---|-------------------------------------|
| AO- <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| SL01E Sports light | 600 600W ¹ | LV 120-277V HV 200-480V | 40K 4000K 50K 5000K 57K 5700K | B Black | B22 2Hx2V B33 3Hx3V B44 4Hx4V B55 5Hx5V ¹ B66 6Hx6V ¹ | TR Trunnion | C With Integrated Control Blank Without Integrated Control | Blank Alphanumeric |

Note: 1. 600W is in small size.

Actual performance may differ as a result of end-user environment and application. All values are design or calculated values measured in laboratory conditions. Specifications subject to change without notice.