

PROJECT NAME: _____

CAT. #: _____

NOTES: _____

FIXTURE SCHEDULE: _____

FIELDMAX SPORTS/HIGH OUTPUT FLOOD



PRODUCT DESCRIPTION:

The FieldMax Sports/HO Flood is the perfect solution for either sports fields or large areas. It has 3 wattage packages and up to 5 optical choices which can be tailored to your specific application. It works great for football, soccer, baseball and multi-purpose recreational fields. It works equally well on large area situations such as transportation terminals or agricultural landscapes. In addition it offers high voltage (480V) and a variety of integral controls options including a dynamic theatrical effect for sports venues.

FEATURES:

- 515W (up to 77K lumens), 620W (up to 100K lumens), 1200W (up to 172K lumens)
- Up to 5 optical options: narrow - wide
- Universal voltage (120-277V) and high voltage (220-480V) Options
- 6kV + 10kA minimum surge protection, 20kA option
- Slipfitter or yoke (suitable for Cross-Arms) mounting choices
- Integral controls options - from simple On/Off photocell to dimming and dynamic theatrical effects
- Field installable visor and laser pointer (for aiming) accessories available

CONSTRUCTION:

- Die cast aluminum housing and mounting
- Corrosion resistant powder coat paint finish

APPLICATIONS:

- Sports and recreation (Class of Play III or IV, per IES RP-6-15)
- High mast
- Airports & transportation terminals
- Agriculture

INTEGRAL CONTROLS:

- Twist lock photocell
- Network lighting controls - grouping, scheduling, 0-10V dimming and remote location control
- Dynamic lighting - theatrical lighting effects option available

WARRANTY:

10-year standard warranty

(further details available at www.maxlite.com/warranties)

Order Structure

| FAMILY | OUTPUT | VOLTAGE | - | CCT | BEAM SPREAD | FINISH | MOUNTING | INTEGRAL CONTROLS | WIRELESS CONTROLS | SURGE |
|-----------------------|--|------------------------------|---|--------------------------|--|---|--|--|---|--|
| SHF = Sports/HO Flood | 515 = 515W 620 = 620W 1200 = 1200W | U = 120-277V H = 220-480V | - | 40 = 4000K 50 = 5000K | N = Narrow MN = Medium Narrow M = Medium MW = Medium Wide W = Wide <i>See Beam Spread Chart for details</i> | L = Black <i>Contact Maxlite for additional finishes</i> | K = Knuckle Slipfitter Y = Yoke (Cross arm hardware supplied by others) | Blank (Blank) RPC = 3pin Twist Lock Receptacle PR7 = 7pin Twist Lock Receptacle <i>Twist Lock Control sold separately (see Accessories)</i> | Blank (Blank) SN = Wireless Controls AV = Wireless Controls <i>Contact Maxlite for which Wireless Control applies and about Dynamic Lighting Effects</i> | Blank = Standard (10kA = 120-277V, 20kA = 220-480V) SP = 20KA Surge 120-277V <i>All drivers include additional 6kV</i> |


10-year standard warranty with labor allowance (further details available at www.maxlite.com/warranties)

Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -40°F to 104°F. If ambient temperatures fall outside the -40°F to 104°F range, product is warranted for 5 years according to the operating temperature

range specified on the PDS. Up to \$25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite.

Excludes EM/MS versions; component warranty applies.

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Beam Spread Chart

| WATTAGE/OPTIC | NEMA | BEAM ANGLE |
|----------------------------|-------|---------------|
| 515W, N (Narrow) | 4 x 4 | 30.5° x 30.5° |
| 515W, MN (Medium Narrow) | 5 x 5 | 40° x 40° |
| 515W, M (Medium) | 6 x 6 | 63.5° x 63.5° |
| 515W, MW (Medium Wide) | 6 x 6 | 75° x 76° |
| 515W, W (Wide) | 7 x 6 | 114° x 99° |
| 620W, N (Narrow) | 4 x 4 | 23° x 23° |
| 620W, MN (Medium Narrow) | 4 x 4 | 32° x 32° |
| 620W, M (Medium) | 5 x 5 | 40° x 40° |
| 620W, MW (Medium Wide) | 6 x 6 | 59.5° x 59.5° |
| 620W, W (Wide) | 6 x 6 | 76° x 79° |
| 1,200W, N (Narrow) | 4 x 4 | 23° x 23° |
| 1,200W, MN (Medium Narrow) | 4 x 4 | 30° x 30° |
| 1,200W, M (Medium) | 5 x 5 | 37.5° x 37.5° |

DLC Chart

Outdoor Luminaires, Very High Output, Architectural Flood and Spot Luminaires - Premium

| MODEL # | DLC PRODUCT ID | MODEL # | DLC PRODUCT ID |
|-------------------------------|----------------|--------------------------------|----------------|
| SHF515[U,H]-40W[ALL OPTIONS] | S-6JEW RP | SHF620[U,H]-40N[ALL OPTIONS] | S-H6YCDW |
| SHF515[U,H]-40M[ALL OPTIONS] | S-9E72LC | SHF620[U,H]-40M[ALL OPTIONS] | S-LR6WQE |
| SHF515[U,H]-30W[ALL OPTIONS] | S-CKMEIR | SHF620[U,H]-50N[ALL OPTIONS] | S-MN8SYO |
| SHF515[U,H]-30M[ALL OPTIONS] | S-DCJFA8 | SHF620[U,H]-30N[ALL OPTIONS] | S-NJ6SYB |
| SHF515[U,H]-50M[ALL OPTIONS] | S-E7W XD4 | SHF620[U,H]-50M[ALL OPTIONS] | S-SMT259 |
| SHF515[U,H]-30MW[ALL OPTIONS] | S-EXFVYA | SHF620[U,H]-30W[ALL OPTIONS] | S-WOCTJ2 |
| SHF515[U,H]-40MW[ALL OPTIONS] | S-G6B3T1 | SHF620[U,H]-50MW[ALL OPTIONS] | S-W6OHIL |
| SHF515[U,H]-40MN[ALL OPTIONS] | S-K649SH | SHF620[U,H]-30MN[ALL OPTIONS] | S-WM3JK5 |
| SHF515[U,H]-30N[ALL OPTIONS] | S-KQMB7R | SHF620[U,H]-30MW[ALL OPTIONS] | S-YZPITC |
| SHF515[U,H]-50MW[ALL OPTIONS] | S-O4HDTU | SHF620[U,H]-50MN[ALL OPTIONS] | S-ZM4OD8 |
| SHF515[U,H]-30MN[ALL OPTIONS] | S-OYAGIC | SHF1200[U,H]-30N[ALL OPTIONS] | S-2WODU8 |
| SHF515[U,H]-50W[ALL OPTIONS] | S-PQU8SZ | SHF1200[U,H]-40MN[ALL OPTIONS] | S-4NUV9D |
| SHF515[U,H]-50MN[ALL OPTIONS] | S-VZ1F46 | SHF1200[U,H]-30MN[ALL OPTIONS] | S-8Z7NLO |
| SHF515[U,H]-40N[ALL OPTIONS] | S-YV02GL | SHF1200[U,H]-50M[ALL OPTIONS] | S-A6TGH7 |
| SHF515[U,H]-50N[ALL OPTIONS] | S-ZWCQSI | SHF1200[U,H]-30M[ALL OPTIONS] | S-DJHQB Y |
| SHF620[U,H]-40W[ALL OPTIONS] | S-2W3PTO | SHF1200[U,H]-40N[ALL OPTIONS] | S-EI512P |
| SHF620[U,H]-30M[ALL OPTIONS] | S-4ZJ2MQ | SHF1200[U,H]-40M[ALL OPTIONS] | S-GKI2A1 |
| SHF620[U,H]-40MN[ALL OPTIONS] | S-6NPOCH | SHF1200[U,H]-50N[ALL OPTIONS] | S-K3VOLM |
| SHF620[U,H]-50W[ALL OPTIONS] | S-9RH5N3 | SHF1200[U,H]-50MN[ALL OPTIONS] | S-MSBYVA |
| SHF620[U,H]-40MW[ALL OPTIONS] | S-FKLNEC | | |









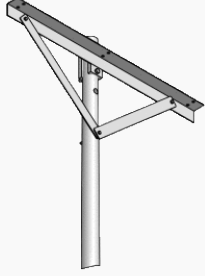
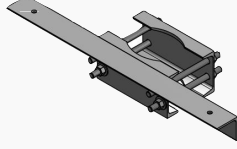
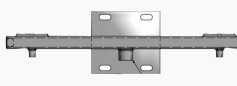
FIELDMAX SPORTS/HIGH OUTPUT FLOOD

Specifications

| | 515 | 620 | 1200 |
|------------------------------|--|--|---|
| Power Consumption (W) | 520 | 620 | 1195 |
| Lumens (lm) | 72,400 - 77,350 | 92,200 - 100,200 | 158,400 - 172,050 |
| Efficacy (lm/w) | 130+ | | |
| CRI | 70+ | | |
| Color Temperature (K) | 4000K or 5000K, option for 3000K | | |
| Beam Spreads | See Beam Spread Chart Above | | |
| Voltage | 120-277V or 220-480V | | |
| Surge Protection | 6kV integral to driver + 10kA (120-277V) or 20kA (220-480V) stand alone standard, 20kA option (120-277V) | | |
| Lumen Maintenance (L 70) hrs | 100,000+ Hours | | |
| Integral Controls | 3 or 7pin NEMA Twist Lock Receptacle Option, multiple Wireless Controls Options including Dynamic Lighting Effects (Contact Maxlite) | | |
| Housing | Die Cast Aluminum with corrosion resistant polyester powder coat | | |
| Mounting | | | |
| Lens | Polycarbonate | | |
| Operating Temperature | -40°C/-40°F - 40°C/104°F | | |
| Weight | Y mount 14.5K/32LBS, K mount 16.7K/36.8LBS | Y mount 21.8K/48.1LBS, K mount 24.3K/53.6LBS | Y mount 29.2K/64.4LBS, K mount 31.7K/69.9LBS |
| EPA (sq ft) | Yoke= 2.21 w/o visor, 2.26 w/ visor Slipfitter= 2.51 w/o visor, 2.56 w/ visor | Yoke= 3.21 w/o visor, 3.26 w/ visor Slipfitter= 3.50 w/o visor, 3.56 w/ visor | Yoke= 3.55 w/o visor, 3.67w/ visor Slipfitter= 3.84 w/o visor, 3.96 w/ visor |
| Listings | cULus, FCC, TAA Available | | |
| DLC | Outdoor Luminaires, Very High Output, Architectural Flood and Spot Luminaires - Premium | | |
| Environment | IP65, ANSI 3G Vibration (both mountings) | | |
| Warranty | 10 Years (see Maxlite warranty page for details) | | |

FIELDMAX SPORTS/HIGH OUTPUT FLOOD

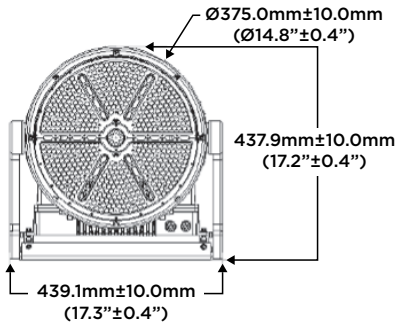
Accessories (Sold Separately)

| ITEM NUMBER | DESCRIPTION | IMAGE |
|---------------|---|---|
| LASER-POINTER | Laser Pointer with battery, mounting bracket and hardware for SHF Sports/HO Flood aiming |  |
| SHF-VISOR-S | Black Visor for small housing, includes hardware for 515W models |  |
| SHF-VISOR-M | Black Visor for medium housing, includes hardware for 620W models |  |
| SHF-VISOR-L | Black Visor for large housing, includes hardware for 1200W models |  |
| PCTL-UNV | Twist-Lock Electronic Photocontrol 120/208/240/277V, Requires RPC or PR7 Fixture Option |  |
| PCTL-HV | Twist-Lock Electronic Photocontrol 480V, Requires RPC or PR7 Fixture Option |  |
| SYN-SS450-002 | WIFI enabled Gateway, Wall Mount Bracket, 4 Antennas, requires SN Fixture Option |  |
| SYN-TL7-HVG | Low Voltage 110-480VAC Twist-Lock Wireless Lighting Control with Built In Photocell, requires SN and PR7 Fixture Option |  |
| DYNAMICLTG | Dynamic Lighting Features Software, must have SN Fixture Option | N/A |
| PL-XAB2-B | Wood Pole, Angle Mount Crossarm, 2 Fixtures, Bronze |  |
| PL-XAB3-B | Wood Pole, Angle Mount Crossarm, 3 Fixtures, Bronze | |
| PL-XAB4-B | Wood Pole, Angle Mount Crossarm, 4 Fixtures, Bronze | |
| PL-XAB5-B | Wood Pole, Angle Mount Crossarm, 5 Fixtures, Bronze | |
| PL-XCB2-B | Steel Pole, Collar Mount Crossarm, 2 Fixtures, Bronze | |
| PL-XCB3-B | Steel Pole, Collar Mount Crossarm, 3 Fixtures, Bronze |  |
| PL-XCB4-B | Steel Pole, Collar Mount Crossarm, 4 Fixtures, Bronze | |
| PL-XSB2-B | Steel Pole, Side Mount Crossarm, 2 Fixtures, Bronze | |
| PL-XSB3-B | Steel Pole, Side Mount Crossarm, 3 Fixtures, Bronze |  |
| PL-XSB4-B | Steel Pole, Side Mount Crossarm, 4 Fixtures, Bronze | |
| PL-XSB5-B | Steel Pole, Side Mount Crossarm, 5 Fixtures, Bronze | |
| PL-XSB6-B | Steel Pole, Side Mount Crossarm, 6 Fixtures, Bronze | |

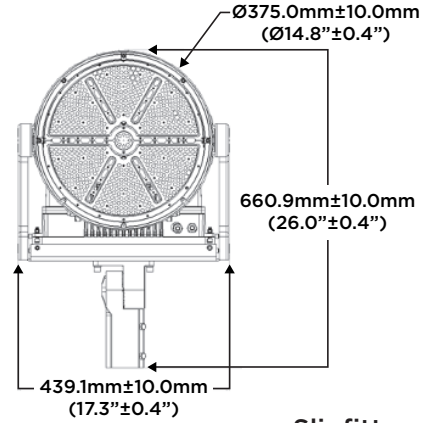
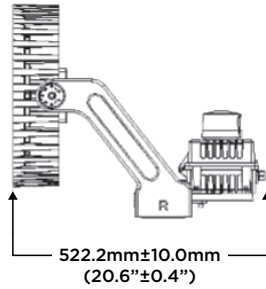
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Dimensions

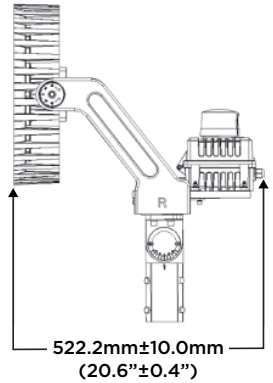
515W



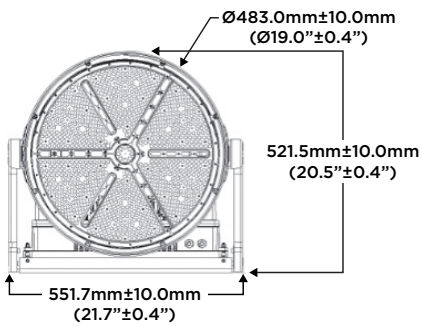
Yoke



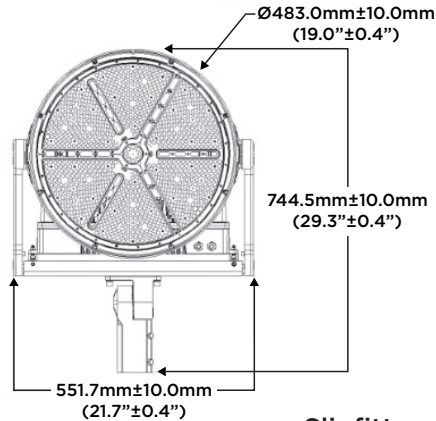
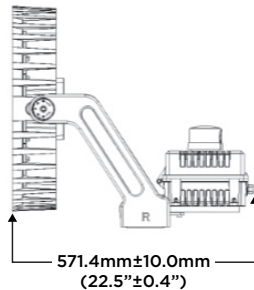
Slipfitter



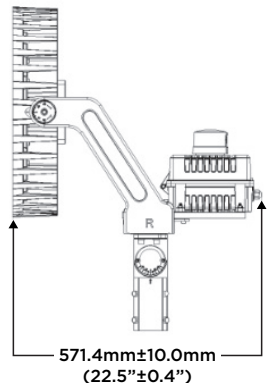
620W



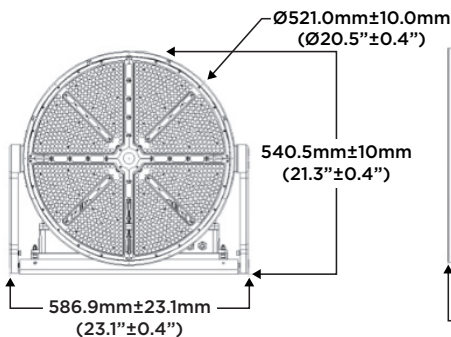
Yoke



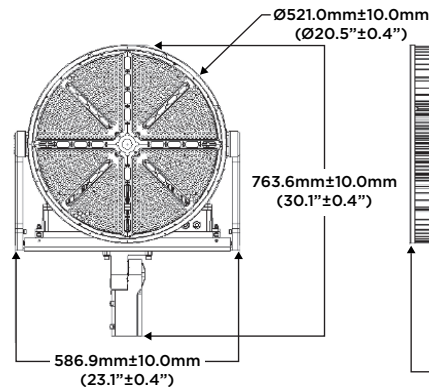
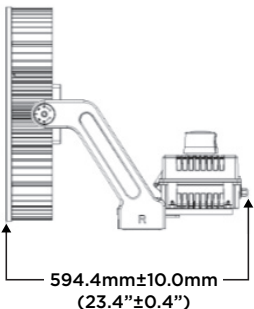
Slipfitter



1200W



Yoke



Slipfitter

