

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-K3V0LM
SHF620[U,H]-50W[ALL OPTIONS]	S-9RH5N3	SHF1200[U,H]-50MN[ALL OPTIONS]	S-MSBYVA
SHF620[U,H]-40MW[ALL OPTIONS]	S-FKLNEC		



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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 (10 Year Warranty), -40°C/40°F - 50°C/122°F (5 Year Warranty based on outdoor dusk to dawn operation in non-hazardous applications)		
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 = 1.96 Slipfitter = 2.2	Yoke = 2.97 Slipfitter = 3.22	Yoke = 3.27 Slipfitter = 3.51
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)		

EPA Values	Without Visor	With Visor
515W (Yoke Mount)	2.21	2.26
620 (Yoke Mount)	3.21	3.26
1200W (Yoke Mount)	3.55	3.67
515W (Slip Fitter)	2.51	2.56
620W (Slip Fitter)	3.50	3.56
1200W (Slip Fitter)	3.84	3.96

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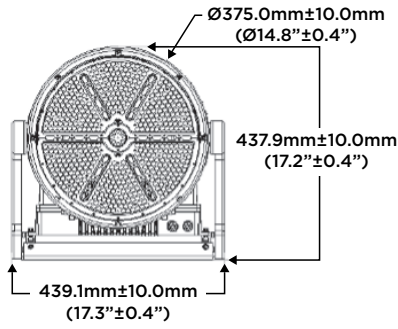
Accessories (Sold Separately)

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	

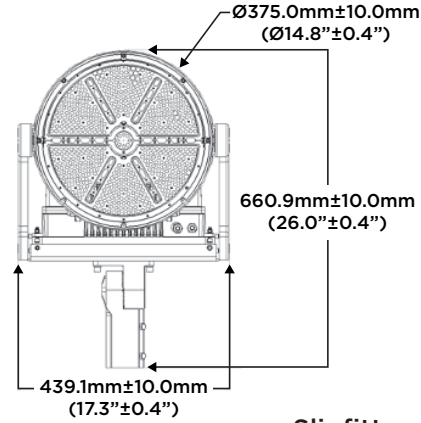
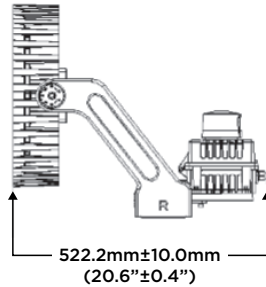
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Dimensions

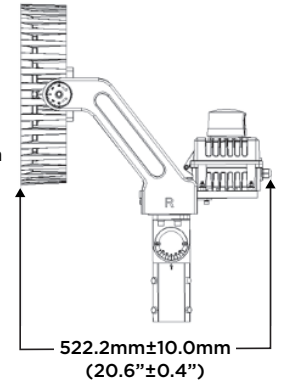
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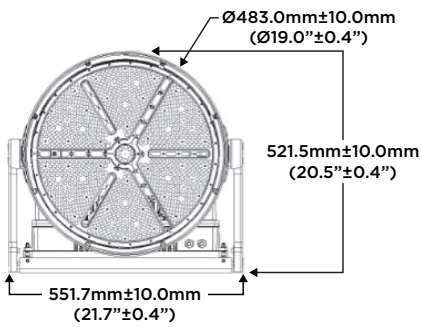
Yoke



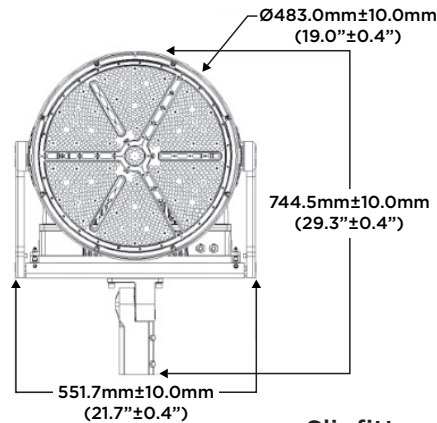
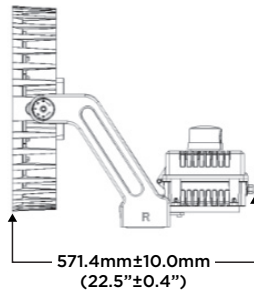
Slipfitter



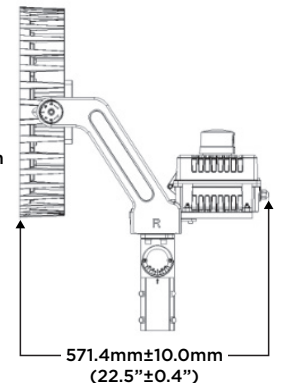
620W



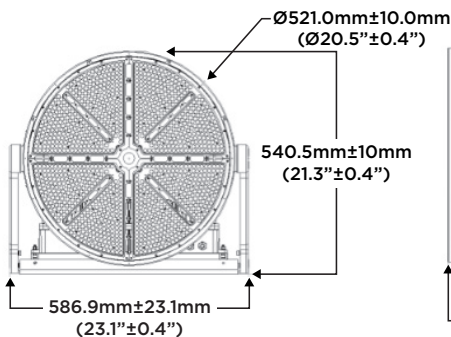
Yoke



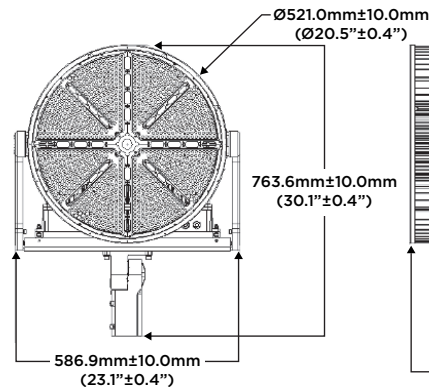
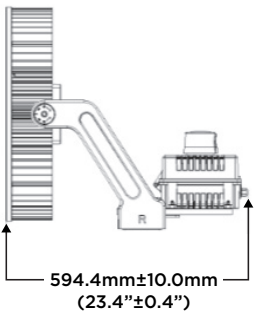
Slipfitter



1200W



Yoke



Slipfitter

