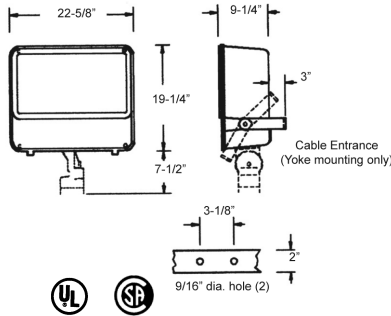


# Star Flood Medium (SFA-SFAR)



Suitable for wet locations  
 SFA - Lamp not included  
 SFAR - Lamp included

Effective Projected Area  
 EPA = 3.02 SQ. FT.  
 WEIGHT = 50-70 lbs



Solid Line - NEMA Heavy Duty  
 Dotted Line - NEMA General Purpose

Accessories/Mounting Brackets,  
 see Accessory Page

### Star Flood Specification

Star Flood-SFA, NEMA heavy duty, wide beam rectangular weatherproof floodlight, shall accommodate a 250 to 1000 watt mogul base high pressure sodium lamp or 250-400 watt mogul base metal halide lamp.

Star Flood-SFAR, NEMA heavy duty, wide beam rectangular, weatherproof floodlight, furnished with 1000W, BT-37, mogul base, compact metal halide lamp. Available with (specify) 120, 208, 240, 277, 480 volt or 4MT (120, 208, 240, 277V) 60Hz ballast. The floodlight shall be completely pre-wired and factory assembled.

### Basic Product Description

Cast aluminum ballast and lamp housing compartment contains thermally isolated wiring. Floodlight is finished in all weather bronze polyester powder coating (optional colors available). Floodlight shall include a sturdy two hole mounting yoke formed of high strength non-corrosive aluminum. Wiring compartment access through lens door. Adjustable knuckle 2" to 2 1/2" pipe (2 3/8" to 2 7/8" O.D.) mounting is available. All stainless steel hardware. The tempered clear glass lens is thermal shock and impact resistant.

### Ballast Characteristics

The floodlight shall contain a U.L. recognized High Power Factor, constant wattage auto-transformer type ballast and start and operate the lamp down to -20°F (-30°C) for metal halide and -40°F (-40°C) for high pressure sodium. Mercury vapor lamps may be used in 400 watt metal halide fixtures. For availability of 220/240V 50Hz ballasts - consult factory.

### Reflector Assembly

Cast hinged lens frame with silicone gasket provides easy front access to lamp. A precision formed anodized finished reflector provides wide beam distribution.

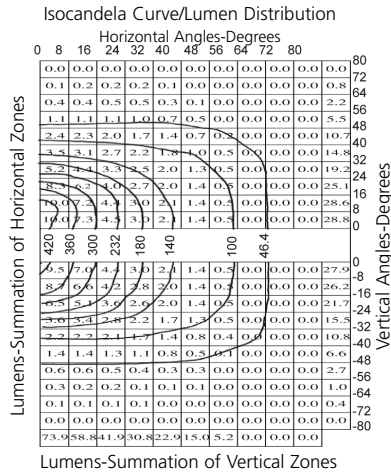
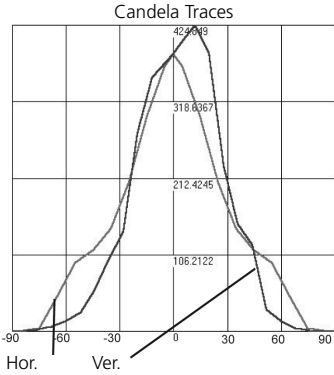
### Suggested Applications

Building, automobile sales lot and general security lighting.

Ordering Example						
Unit	Wattage	Photometrics	Mounting	Lamp Style	Voltage	Ballast Sstyle
SFA-SFAR	4	7	1	H	208	H
Star Flood	4 - 250	7 - Wide Beam	1-Yoke Mount	H - Metal Halide	120	H - High Power
	6 - 400		4-Knuckle Mount	LS - High Pressure	208	Factor
	8 - 1000*		(factory installed)	Sodium	240	
	200 - 200PS				277	
	320 - 320PS				480	
	350 - 350PS				4MT- (120, 208,	
	400 - 400PS				240, 277V)	
					LB - Less Ballast**	
<b>Accessories</b>						
<b>V</b>						
	V -	Visor				
	LS -	Lamp Support				
	SIF -	Single Inline Fuse (120, 277v)				
	DIF -	Double Inline Fuse (208, 240, 480v)				
	FB -	Filter Breather				
	PL -	Vandal Resistant Polycarbonate Shield				
	SC -	Stainless Steel Safety Cable				
	RPC -	Factory Wired Twist Lock Photocell Receptacle Only				
	PE -	Twist Lock Photocell				
	3/14/3S0 -	3 ft. cord. for other length change 3' to length desired				
	UP -	for aiming above horizontal				
*Note: 1000W HPS lamp is mounted horizontally.						
CSA Certification - consult factory.						
**Consult factory						

# Star Flood Medium (SFA-SFAR)

## Photometrics

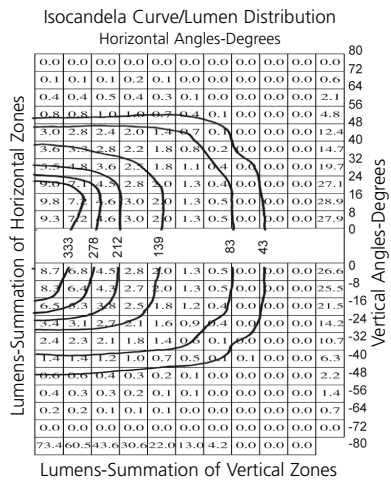
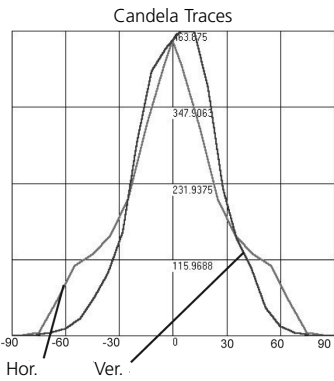


Fixture: SFA-671LS  
Lamp: 400 Watt Clear High Pressure Sodium

IES Type 7H X 5V  
Max Candela 464  
Hor Field Angle (10%) 132.6 deg  
Ver Field Angle (10%) 98.1 deg  
Field Lumens 473  
Total Lumens 498  
Total Efficiency 49.8%

Candela & Lumen values are based on 1,000 lamp lumens. For other lamp lumen ratings, multiply candela and lumen values by the number: Lumens divided by 1,000.

Per 1,000 Lamp Lumens

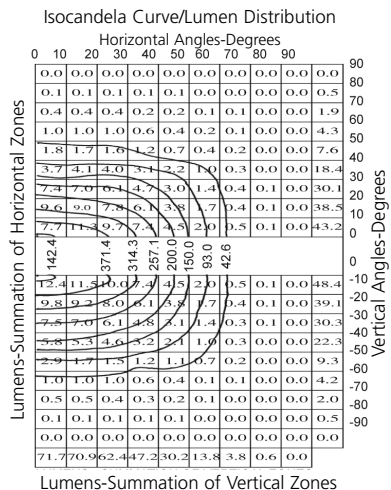
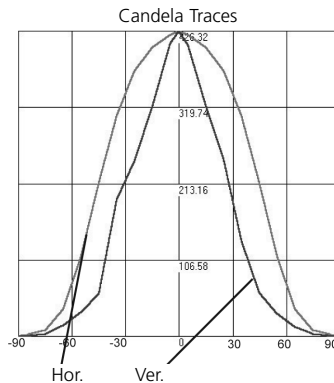


Fixture: SFA-671H, SFAR-871H  
Lamp: 400, 1000 Watt Clear Metal Halide

IES Type 7H X 5V  
Max Candela 425  
Hor Field Angle (10%) 133.1 deg  
Ver Field Angle (10%) 98.9 deg  
Field Lumens 466  
Field Efficiency 46.6%  
Total Lumens 493  
Total Efficiency 49.3%

Candela & Lumen values are based on 1,000 lamp lumens. For other lamp lumen ratings, multiply candela and lumen values by the number: Lumens divided by 1,000.

Per 1,000 Lamp Lumens



Fixture: SFA-851LS  
Lamp: 1000 Watt Clear High Pressure Sodium

IES Type 6H X 6V  
Max Candela 426  
Hor Field Angle (10%) 128.9 deg  
Ver Field Angle (10%) 103.1 deg  
Field Lumens 568  
Field Efficiency 56.8%  
Total Lumens 606.6  
Total Efficiency 60.7%

Candela & Lumen values are based on 1,000 lamp lumens. For other lamp lumen ratings, multiply candela and lumen values by the number: Lumens divided by 1,000.

Per 1,000 Lamp Lumens