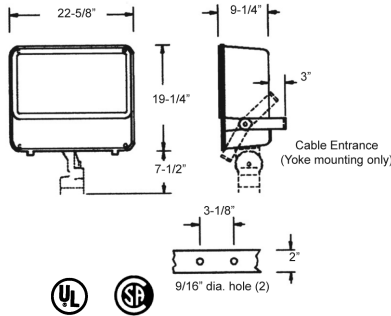


Star Flood Medium (SFA-SFAR)



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**	
Accessories						
V						
	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.

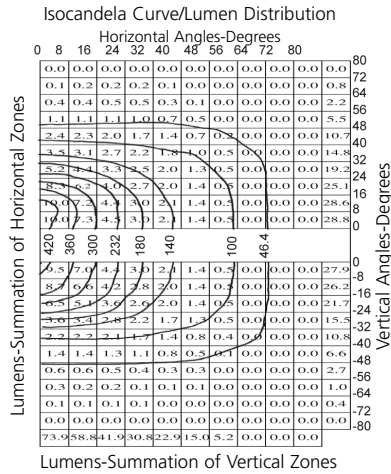
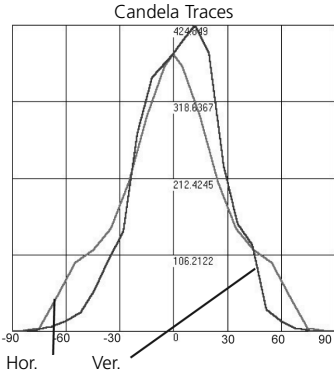
CSA Certification - consult factory.

**Consult factory



Star Flood Medium (SFA-SFAR)

Photometrics

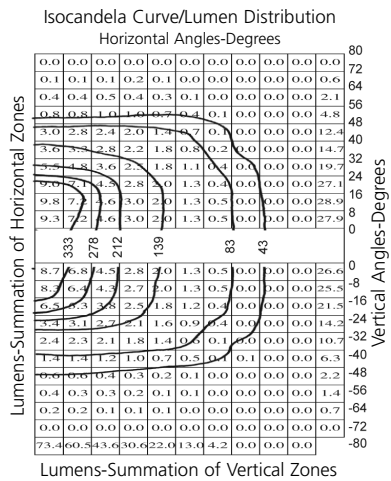
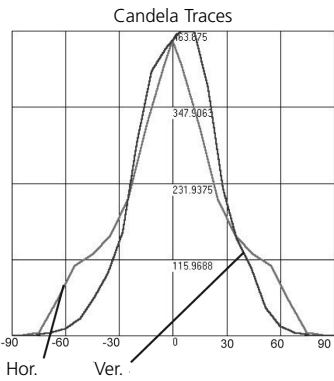


Fixture: SFA-671LS
Lamp: 400 Watt Clear High Pressure Sodium

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

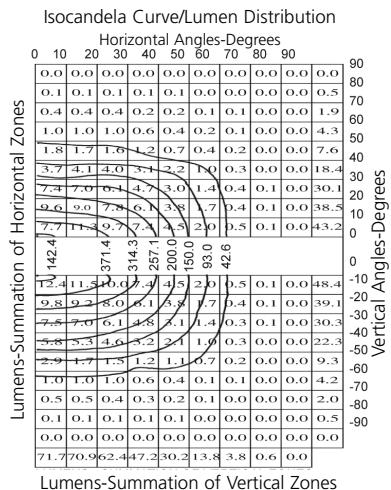
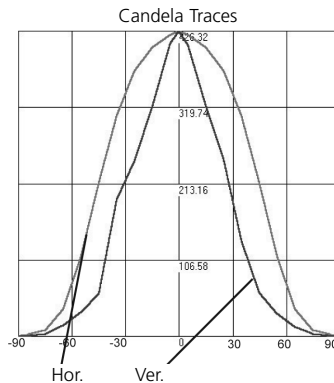


Fixture: SFA-671H, SFAR-871H
Lamp: 400, 1000 Watt Clear Metal Halide

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