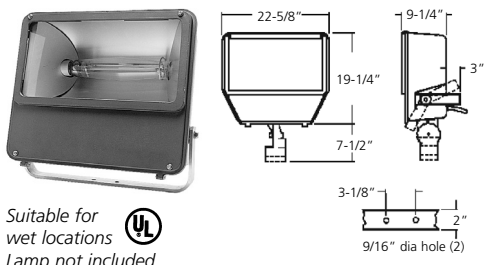
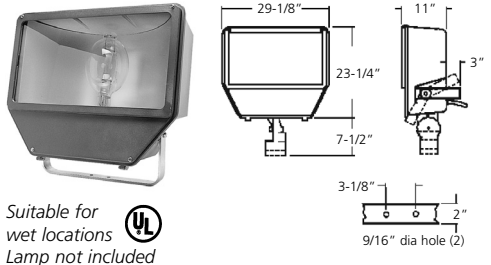


Marine Star Flood (SFAM)



Suitable for wet locations Lamp not included

Type C
 1000 watt High Pressure Sodium
 Effective Projected Area
 EPA = 3.02 SQ. FT. WEIGHT = 50-70 lbs Max.



Suitable for wet locations Lamp not included

Type D
 1000 watt Metal Halide (Mercury Vapor)
 Effective Projected Area
 EPA = 4.4 SQ. FT. WEIGHT = 80 lbs Max.

Marine Star Flood Specification

Marine Star Flood is U.L. 595 Marine Listed and Coast Guard approved, suitable for salt water environment for marine locations. Available in 1000 watt mogul base high pressure sodium lamp (SFAM, Type C), or 1000 watt mogul base metal halide lamp (SFAM, Type D). 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

Copper free cast aluminum lamp and ballast housing. Hinged copper free cast aluminum lens frame with stainless steel slotted hex head captive screws. Front opening for easy relamping. Floodlight is finished in all weather bronze polyester powder coat finish. Floodlight shall include a sturdy two hole mounting yoke formed of high strength non-corrosive copper free aluminum SFAM wiring compartment access through lens door. Adjustable knuckle 2" to 2-1/2" pipe - 2-3/8" to 2-7/8" O.D. on SFAM) mounting is available. All stainless steel hardware. The tempered clear glass lens is thermal shock and impact resistant. Porcelain lamp grip socket with nickel plated spring loaded center contact eliminates lamp loosening. Optional shock absorbing socket available.

Ballast Characteristics

The SFAM 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 SFAM Type B fixtures and 1000 watt metal halide SFAM Type D fixtures.

For availability of 220/240V 50Hz ballasts - consult factory.

Reflector Assembly

Copper free cast aluminum hinged lens frame with silicone gasket provides easy front access to lamp. A precision formed anodized finished reflector provides a wide beam distribution.

Ordering Example

Unit	Wattage	Photometrics	Mounting	Lamp Style	Voltage	Ballast Style
SFM/SFAM	4	7	1	H	120	H
Marine Star Flood	8 - 1000	5 or 7 - Wide Beam	1 - Yoke Mount 4 - Knuckle Mount	H - Metal Halide LS - High Pressure Sodium	120 208 240 277 347 480 4MT (120, 208, 240, 277V)	H - High Power Factor

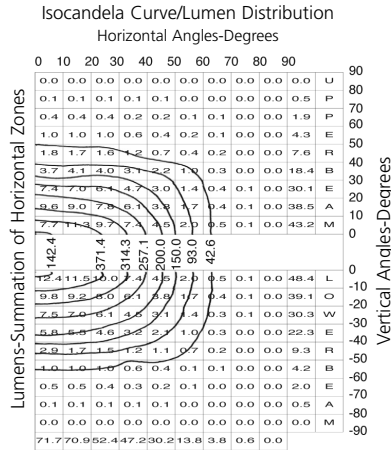
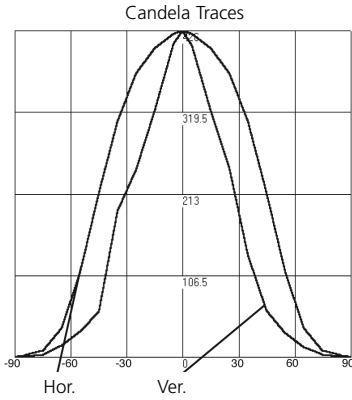
Accessories

- V
- 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 - Photocell Receptacle
- PE - Twist Lock Photocell
- SMS - Shock Mounted Socket
- UP - For aiming above horizontal

CSA Certification - consult factory.

Marine Star Flood (SFAM)

Photometrics



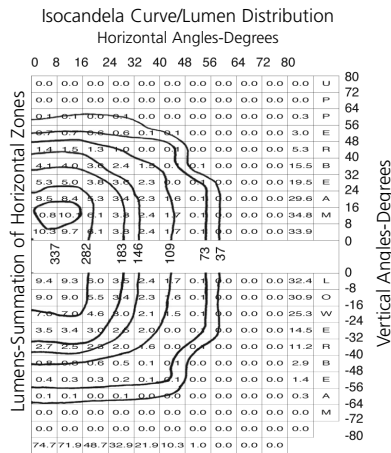
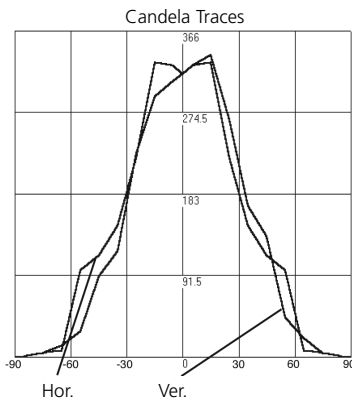
Lumens-Summation of Vertical Zones

Fixture: SFAM-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



Lumens-Summation of Vertical Zones

Fixture: SFAM-851H
Lamp: 1000 Watt Clear Metal Halide

IES Type 6H X 6V
Max Candela 366
Hor Field Angle (10%) 123.2 deg
Ver Field Angle (10%) 113.7 deg
Field Lumens 501
Field Efficiency 50.1%
Total Lumens 519
Total Efficiency 51.9%

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

