

SSFN SERIES

Stainless Steel Flood Lighting for Hazardous Locations

- Class I, Division 2 Groups A, B, C & D
- Class I, Zone 2
- Restricted Breathing (400W Max.)
- AEx nR II, Ex nR II T3
- Enclosed & Gasketed
- NEMA 3R, 4X IP66
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- 40° C Ambient (320-1000W)
- 55° C Ambient (175-250W)



AZZ | R-A-L™
RIG-A-LITE

SSFN SERIES

Stainless Steel Flood Lighting for Hazardous Locations

One piece 304 stainless body—no weld seams. 316 stainless body option available.

Specular Finish Reflector for optimal photometric performance.

Thermal and shock resistant tempered glass lens.

One piece precision fitted silicone gasket.

Stainless lens frame and external hardware.

Heavy duty trunnion mount.

- Restricted Breathing—no annual testing required

SSFN Series

Hazardous Locations • Stainless Steel • Class I, Division 2 • UL 1598A, 844 • CUL • AEx nR II, Ex nR II, T3

Catalog Number Logic

SSFN 40-S-04-XX

1
2
3
4
5

1

BASIC SERIES

SSFN Stainless Flood Light
 Class I, Division 2 Groups A, B, C & D
 Class I, Zone 2
 AEx nR II, Ex nR II- T3
 Restricted Breathing (400W Max.)
 UL 844 Hazardous Locations
 UL 1598 Wet Locations
 UL 1598A Marine Outside Type
 CUL

4

VOLTAGE/FREQUENCY

04 = Multi-tap
 12 = 120V 60HZ
 20 = 208V 60HZ
 22 = 220 thru 240V 50HZ
 24 = 240V 60HZ
 27 = 277V 60HZ
 34 = 347V 60HZ
 48 = 480V 60HZ

2

LAMP CURRENT/LAMP WATTAGE

07 = 70 Watt
 10 = 100 Watt
 15 = 150 Watt
 17 = 175 Watt
 25 = 250 Watt
 32 = 320 Watt
 40 = 400 Watt
 100 = 1000 Watt

5

OPTIONS¹

Q = Auxiliary Quartz Relay²
 QTD= Auxiliary Quartz Relay Hot & Cold Start²
 PC = Photo Cell³
 V = Visor
 FB = Fuse Block^{4,5}
 PL = Clear Acrylic Shield
 SC = Safety Cable
 316 = Type 316 Stainless Steel
 PS = Pulse Start⁶

3

LAMP TYPE (MOGUL BASE)

S = High Pressure Sodium
 H = Metal Halide

¹ Consult factory for pricing.

² Limited to 175W Maximum HID Lamp

³ Not suitable for hazardous locations.

⁴ Not available with multi-tap ballast unless incoming voltage is specified. When installed, one fuse block/fuse holder is provided for 120-277V and two fuse block/fuse holders are provided for 208, 240 and 480V. Fuse not included.

⁵ Fuse option not available for marine listed fixtures.

⁶ Use universal or appropriate position oriented lamp.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

METAL HALIDE • HIGH PRESSURE SODIUM

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(Lamps not included)

- Class I, Division 2, Groups A, B, C and D
- Class I, Zone 2, AEx nR II, Ex nR II, T3
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- CUL
- Metal halide or high pressure sodium
- Maximum light utilization
- Integral, pre-wired ballast
- Available in 70, 100, 150, 250, 400 and 1000 watt high pressure sodium
- Available in 175, 250, 400 and 1000 watt metal halide
- Multiple voltages
- Thermal and shock resistant tempered glass lens sealed with one piece precision fitted silicone gasket
- 304 stainless steel standard, 316 available
- Heavy-duty stainless steel trunnion mount
- 40° C Ambient (320-1000W)
- 55° C Ambient (175-250W)

Fixture Type	Dimensions Figure Number	Watt	Voltage	Catalog Number	Shipping Weight
High Pressure Sodium	1	70	Multi-Tap*	SSFN07-S-04	29 lbs.
			480V/60HZ	SSFN07-S-48	29 lbs.
		100	Multi-Tap*	SSFN10-S-04	30 lbs.
			480V/60HZ	SSFN10-S-48	30 lbs.
		150	Multi-Tap*	SSFN15-S-04	33 lbs.
			480V/60HZ	SSFN15-S-48	33 lbs.
	2	250	Multi-Tap*	SSFN25-S-04	45 lbs.
			480V/60HZ	SSFN25-S-48	45 lbs.
		400	Multi-Tap*	SSFN40-S-04	46 lbs.
			480V/60HZ	SSFN40-S-48	46 lbs.
Metal Halide	2	175	Multi-Tap*	SSFN100-S-04-316	85 lbs.
			480V/60HZ	SSFN100-S-48-316	85 lbs.
	2	250	Multi-Tap*	SSFN17-H-04-PS	32 lbs.
			480V/60HZ	SSFN17-H-48-PS	32 lbs.
		400	Multi-Tap*	SSFN25-H-04-PS	41 lbs.
			480V/60HZ	SSFN25-H-48-PS	41 lbs.
		1000	Multi-Tap*	SSFN40-H-04-PS	43 lbs.
			480V/60HZ	SSFN40-H-48-PS	43 lbs.
	3	1000	Multi-Tap*	SSFN100-H-04-316	83 lbs.
			480V/60HZ	SSFN100-H-48-316	83 lbs.

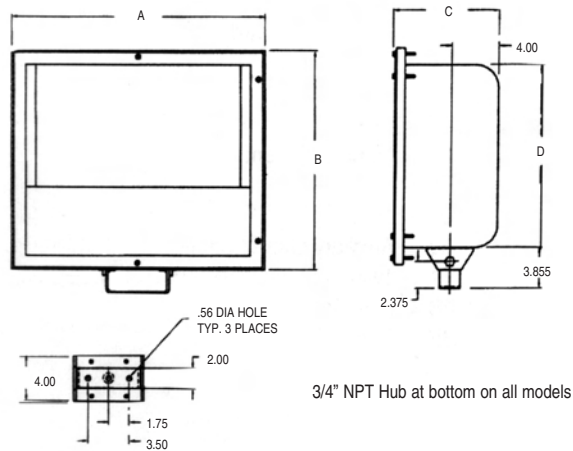
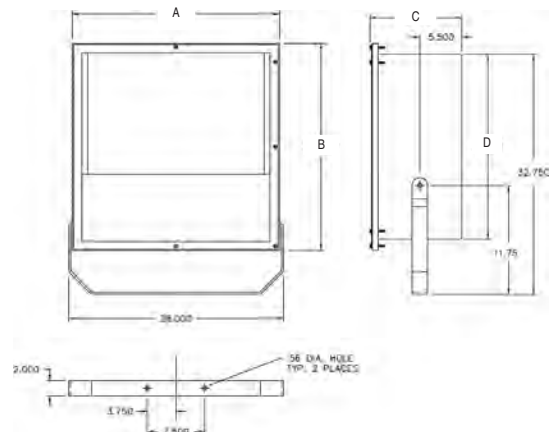
* 120/208/240/277V 60HZ

150 and lower watt fixtures are UL listed for use in 40°C ambient temperature as standard but are available and UL listed for 55°C ambient temperature as special order.

Please consult factory for part numbers and T Ratings.

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Fixture Dimensions (inches)**FIGURE 1 & 2****FIGURE 3**

Dimensions Figure Number	A	B	C	D	Effective Projected Area (EPA)
1	17.00	17.00	9.00	14.00	2.02 sq. ft.
2	22.00	19.00	9.00	16.00	2.92 sq. ft.
3	27.00	27.00	12.00	24.00	5.20 sq. ft.

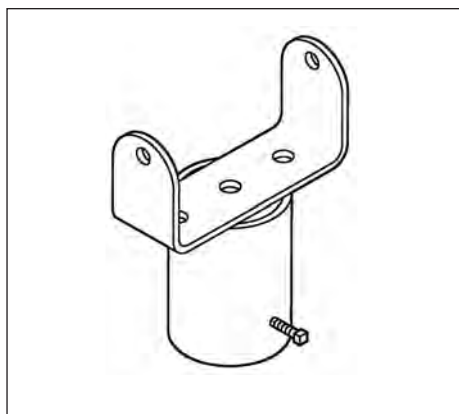
Certification Guide

Model	Lamp	Wattage	Housing fig. (size)	Ambient (° C)	Class I Division 2 Groups A, B, C & D	Class I, Zone 2 AEx nR II, Ex nR II
SSFN100	MH/HPS	1000	Fig. 3 (27 x 27)	40	T1	T3
SSFN40	MH/HPS	400	Fig. 2 (22 x 19)	40	T1	T3
SSFN35	MH	350	Fig. 2 (22 x 19)	40	T1	T3
SSFN32	MH	320	Fig. 2 (22 x 19)	40	T1	T3
SSFN25	MH/HPS	250	Fig. 2 (22 x 19)	55	T1	T3
SSFN17	MH	175	Fig. 2 (22 x 19)	55	T2	T3
SSFN17Q	MH	175	Fig. 2 (22 x 19)	40	T1	N/A
SSFN15	HPS	150	Fig. 1 (17 x 17)	40	T2B	T3
SSFN15Q	HPS	150	Fig. 1 (17 x 17)	40	T1	N/A
SSFN10	HPS	100	Fig. 1 (17 x 17)	40	T2	T3
SSFN10Q	HPS	100	Fig. 1 (17 x 17)	40	T1	N/A

SSFN Series

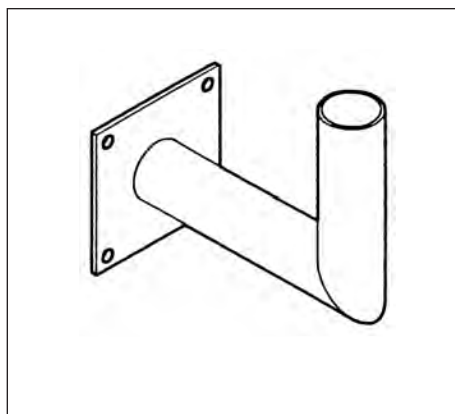
Hazardous Locations • Stainless Steel • Class I, Division 2 • UL 1598A, 844 • CUL • AEx nR II, Ex nR II, T3

Accessories



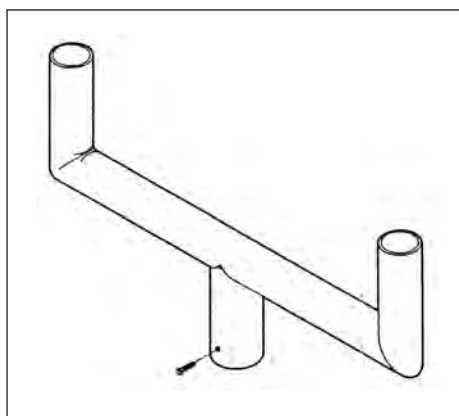
Stainless Steel Pole Mounting Bracket

(175-400 Watt fixtures only) fits over 2 in. pipe
Catalog Number: 53049 (Acid Washed or Polished)
Shipping Weight: 3 lbs.



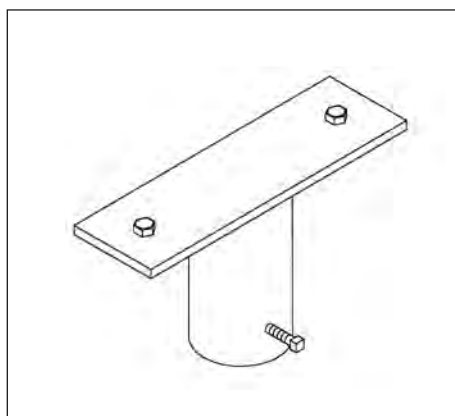
Stainless Steel Wall Mount Bracket

To be used with catalog number 53049
Catalog Number: 26379SS (Acid Washed or Polished)
Shipping Weight: 7.5 lbs.



Stainless Steel Dual Pole Mounting Bracket

(175-400 Watt fixtures only)
To be used with (2) pole mounting brackets
(Catalog Number 53049) and fits over 2 in. pipe
EPA 0.08 sq. ft.
Catalog Number: 26150 (Acid Washed or Polished)
Shipping Weight: 16 lbs.



Pole Mounting Bracket

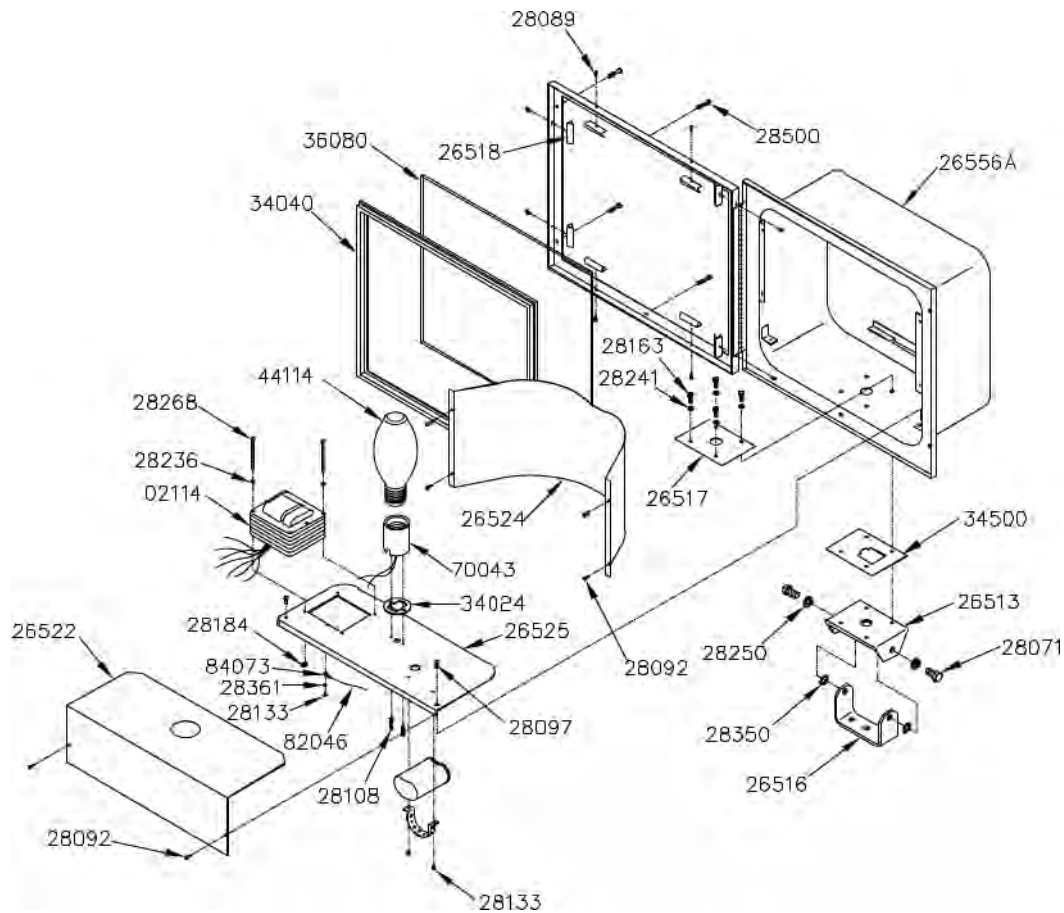
(1000 Watt Flood Only)
Slips over 2-3/8 in. O.D. maximum pipe
Catalog Number 26145A (Acid Washed or Polished)
Shipping Weight: 3.5 lbs.

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Parts List

CATALOG NUMBER SSFN40-H-O4-PS



- Note: 1. Above drawing and part numbers are for fixture catalog no. SSFN40-H-O4-PS.
 2. Parts may vary for other models. Contact factory if parts for other models are required.
 3. Ballasts and lamps are listed on separate pages.

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Parts List

Part No.	Description	Weight
02114	BLST & CAP MH 400W MULTI PULSE START	14.0
26513	BRKT TRUNNION W/HUB	1.1
26516	BRKT YOKE	2.3
26517	PLATE BACKUP TRUNNION	0.4
26518	RETAINER LENS	0.1
26522	REFLECTOR BOTTOM	0.5
26524	REFLECTOR BACK	0.5
26525	TRAY BLST	1.7
26556A	HSG&LENS FRAME	13.3
28071	SCREW HEX	0.1
28089	SCREW PAN	0.1
28092	SCREW PAN	0.1
28097	SCREW PAN	0.1
28108	SCREW PAN	0.1
28133	SCREW RDH	0.1
28140	SCREW RDH	0.1
28163	SCREW HX HD	0.1
28184	NUT HEX	0.1
28236	WASHER SPLIT LOCK	0.1
28241	WASHER SPLIT LOCK	0.1
28250	WASHER SPLIT LOCK	0.1
28268	SCREW RDH	0.1
28350	WASHER STAR	0.1
28361	WASHER STAR	0.1
28500	SCREW SLT HEX	0.1
34024	GSKT SILICON LPHLDR	0.1
34040	GSKT LENS	0.7
34500	GSKT TRUNNION AFL	0.1
36080	LENS CLEAR TMPD GLASS	6.0
44144	LAMP MH400W MOGUL PULSE START UNIVERSAL POSITION	0.4
70043	LPHLDR PORCLN MOG 4KV	0.5
82046	WIRE ULCSA GRN 16AWG	0.1
84073	LUG RNG N/INS 16-14AWG	0.1