

SAFJ SERIES

Hazardous Location Medium Base HID

- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 1 & 2, Groups E, F, & G
- Class III
- Simultaneous Presence
- Enclosed & Gasketed
- Wet Locations
- NEMA 3R, 4X
- IP66
- UL 1598A Marine Outside Type
- UL 844 Hazardous Locations
- CUL



AZZ | R-A-L™
RIG-A-LITE

SAFJ SERIES

Hazardous Locations Medium Base HID

Ballast housing and outlet boxes are high strength, corrosion resistant copper-free cast aluminum alloy.

Compact size.

Superior heat resistant silicone gaskets.

Heat resistant tempered prismatic clear glass globe with internal vertical ribs and smooth outer finish.

Corrosion resistant stainless steel wire guard.

- Exterior surfaces are covered with corrosion and chemical resistant baked-on epoxy finish.
- External hardware is stainless steel, stainless steel inserts are available as an option.
- Optional external dome or angle reflectors are corrosion, impact and heat resistant molded polycarbonate.

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

Catalog Number Logic**SAFJ 10-H-04-GG-P-XX****1****2****3****4****5****6****7****1****BASIC SERIES¹**

SAFJ Medium Base HID

Class I, Division 2, Groups A, B, C, & D

Class II, Division 1 & 2, Groups E, F, & G

Class III

Simultaneous Presence

Enclosed & Gasketed

Wet Locations

UL1598A Marine Outside Type

UL 844 Hazardous Locations

NEMA 3R,4X

IP66

CUL

5**GLOBE & GUARD**

GG = Globe & Guard

G = Globe only

6**MOUNTING STYLE**

P = ¾" Pendant Mount

P1 = 1" Pendant Mount

F = ¾" Flexible Pendant Mount

F1 = 1" Flexible Pendant Mount

C = ¾" Ceiling Mount

C1 = 1" Ceiling Mount

W = ¾" Wall Mount

W1 = 1" Wall Mount

S = 1-¼" 25° Stanchion Mount

S1 = 1-½" 25° Stanchion Mount

L = 1-¼" 90° Stanchion Mount

L1 = 1-½" 90° Stanchion Mount

2**LAMP CURRENT/LAMP WATTAGE**

03 = 35 Watt

05 = 50 Watt

07 = 70 Watt

06 = 49 Watt (LED Only)

10 = 100 Watt

3**LAMP TYPE (Medium Base)**S = High Pressure Sodium
(35, 50, 70, & 100 Watt)H = Metal Halide
(50, 70 & 100 Watt)**7****OPTIONS²**

SS = Stainless Steel Inserts

FB1 = Fuse block^{3,4}

TB = Terminal block

SAF = SAF-PAK

4**BALLAST VOLTAGE**

04 = Multi-tap

12 = 120V 60HZ

20 = 208V 60HZ

22 = 220/240V 50HZ

24 = 240V 60HZ

27 = 277V 60HZ

34 = 347V 60HZ

48 = 480V 60HZ

(Available in 70 & 100W HPS)

(Available in 100W MH)

¹ Refer to Certification Guide on page 154 to determine suitability of individual fixture.² Consult factory for pricing.³ Not available with Multi-tap ballast unless incoming voltage is specified.

When installed, one fuse block is provided for 120V, 277V and two fuse blocks are provided for 208, 240 and 480V.

Fuse not provided.

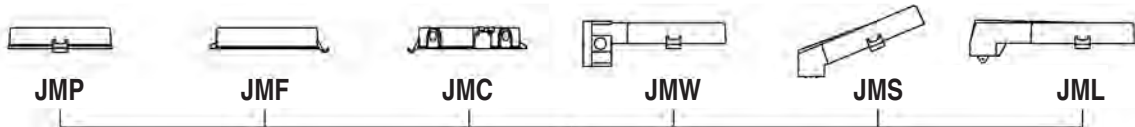
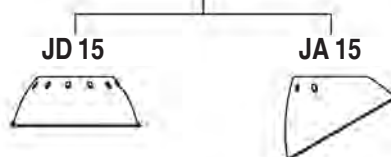
⁴ FB option not available for marine listed fixtures.

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

Certification Guide

BALLAST HOUSING CATALOG NO.	LAMP		AMBIENT °C	CLASS I, DIVISION 2 WHEN USED WITH		CLASS II, DIVISION 1 WHEN USED WITH				SIMULTANEOUS PRESENCE		SUPPLY WIRE SUITABLE FOR °C
										CLASS I, DIVISION 2, GROUPS A, B, C, & D CLASS II, DIVISION 1, GROUPS E & F WHEN USED WITH		
	WATTS	TYPE		GLOBE	GLOBE W/ REFLECTOR	GLASS GLOBE		GLOBE W/ REFLECTOR		GLOBE	GLOBE WITH REFLECTOR	
						GROUP	T CODE	GROUP	T CODE			
SAFJ03S	35	HPS	40	T2D (215)	T2D (215)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	90
SAFJ03S	35	HPS	55	T2C (230)	T2C (230)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	105
SAFJ03S	35	HPS	65	T2B (235)	T2B (235)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	125
SAFJ05S	50	HPS	40	T2D (215)	T2D (215)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	90
SAFJ05S	50	HPS	55	T2C (230)	T2C (230)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	105
SAFJ05S	50	HPS	65	T2B (235)	T2B (235)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	125
SAFJ07S	70	HPS	40	T2A (280)	T2A (280)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	125
SAFJ07S	70	HPS	55	T2 (300)	T2 (300)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	125
SAFJ10S	100	HPS	40	T2A (280)	T2A (280)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	105
SAFJ10S	100	HPS	50	T2 (300)	T2 (300)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	125
SAFJ05H	50	MH	40	T2D (215)	T2D (215)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	90
SAFJ05H	50	MH	55	T2C (230)	T2C (230)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	105
SAFJ05H	50	MH	65	T2B (235)	T2B (235)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	125
SAFJ07H	70	MH	40	T2B (235)	T2B (235)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	90
SAFJ07H	70	MH	55	T2A (280)	T2A (280)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	105
SAFJ10H	100	MH	40	T2 (300)	T2 (300)	E,F	T3A (180)	E,F	T3A (180)	T2A (280)	T2 (300)	105

OUTLET BOXES**BALLAST HOUSING****GLOBE****GUARD****REFLECTORS**

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

High Pressure Sodium with Globe and Guard 35-100 Watts

(Lamps not included)

Mounting Style	Lamp ^① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V ^②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing ^②	Outlet Box	Globe	Guard
RIGID PENDANT 	35	3/4	SAFJ03-S-04-GG-P	12	SAFJ03S04	JMP	JGL15	JGU15
	35	1	SAFJ03-S-04-GG-P1	12	SAFJ03S04	JMP1	JGL15	JGU15
	50	3/4	SAFJ05-S-04-GG-P	13	SAFJ05S04	JMP	JGL15	JGU15
	50	1	SAFJ05-S-04-GG-P1	13	SAFJ05S04	JMP1	JGL15	JGU15
	70	3/4	SAFJ07-S-04-GG-P	14	SAFJ07S04	JMP	JGL15	JGU15
	70	1	SAFJ07-S-04-GG-P1	14	SAFJ07S04	JMP1	JGL15	JGU15
	100	3/4	SAFJ10-S-04-GG-P	16	SAFJ10S04	JMP	JGL15	JGU15
	100	1	SAFJ10-S-04-GG-P1	16	SAFJ10S04	JMP1	JGL15	JGU15
FLEXIBLE PENDANT 	35	3/4	SAFJ03-S-04-GG-F	12	SAFJ03S04	JMF	JGL15	JGU15
	35	1	SAFJ03-S-04-GG-F1	12	SAFJ03S04	JMF1	JGL15	JGU15
	50	3/4	SAFJ05-S-04-GG-F	13	SAFJ05S04	JMF	JGL15	JGU15
	50	1	SAFJ05-S-04-GG-F1	13	SAFJ05S04	JMF1	JGL15	JGU15
	70	3/4	SAFJ07-S-04-GG-F	14	SAFJ07S04	JMF	JGL15	JGU15
	70	1	SAFJ07-S-04-GG-F1	14	SAFJ07S04	JMF1	JGL15	JGU15
	100	3/4	SAFJ10-S-04-GG-F	16	SAFJ10S04	JMF	JGL15	JGU15
	100	1	SAFJ10-S-04-GG-F1	16	SAFJ10S04	JMF1	JGL15	JGU15
CEILING MOUNT 	35	3/4	SAFJ03-S-04-GG-C	12.5	SAFJ03S04	JMC	JGL15	JGU15
	35	1	SAFJ03-S-04-GG-C1	12.5	SAFJ03S04	JMC1	JGL15	JGU15
	50	3/4	SAFJ05-S-04-GG-C	13.5	SAFJ05S04	JMC	JGL15	JGU15
	50	1	SAFJ05-S-04-GG-C1	13.5	SAFJ05S04	JMC1	JGL15	JGU15
	70	3/4	SAFJ07-S-04-GG-C	14.5	SAFJ07S04	JMC	JGL15	JGU15
	70	1	SAFJ07-S-04-GG-C1	14.5	SAFJ07S04	JMC1	JGL15	JGU15
	100	3/4	SAFJ10-S-04-GG-C	16.5	SAFJ10S04	JMC	JGL15	JGU15
	100	1	SAFJ10-S-04-GG-C1	16.5	SAFJ10S04	JMC1	JGL15	JGU15
WALL MOUNT 	35	3/4	SAFJ03-S-04-GG-W	15	SAFJ03S04	JMW	JGL15	JGU15
	35	1	SAFJ03-S-04-GG-W1	15	SAFJ03S04	JMW1	JGL15	JGU15
	50	3/4	SAFJ05-S-04-GG-W	16	SAFJ05S04	JMW	JGL15	JGU15
	50	1	SAFJ05-S-04-GG-W1	16	SAFJ05S04	JMW1	JGL15	JGU15
	70	3/4	SAFJ07-S-04-GG-W	17	SAFJ07S04	JMW	JGL15	JGU15
	70	1	SAFJ07-S-04-GG-W1	17	SAFJ07S04	JMW1	JGL15	JGU15
	100	3/4	SAFJ10-S-04-GG-W	18	SAFJ10S04	JMW	JGL15	JGU15
	100	1	SAFJ10-S-04-GG-W1	18	SAFJ10S04	JMW1	JGL15	JGU15

① All fixtures are designed for Medium Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page 153.

★ Refer to Certification Guide to determine suitability of individual fixture.

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

High Pressure Sodium with Globe and Guard 35-100 Watts (continued)

(Lamps not included)

Mounting Style	Lamp ^① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V ^②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing ^②	Outlet Box	Globe	Guard
25° STANCHION MOUNT 	35	1-1/4	SAFJ03-S-04-GG-S	14	SAFJ03S04	JMS	JGL15	JGU15
	35	1-1/2	SAFJ03-S-04-GG-S1	14	SAFJ03S04	JMS1	JGL15	JGU15
	50	1-1/4	SAFJ05-S-04-GG-S	15	SAFJ05S04	JMS	JGL15	JGU15
	50	1-1/2	SAFJ05-S-04-GG-S1	15	SAFJ05S04	JMS1	JGL15	JGU15
	70	1-1/4	SAFJ07-S-04-GG-S	16	SAFJ07S04	JMS	JGL15	JGU15
	70	1-1/2	SAFJ07-S-04-GG-S1	16	SAFJ07S04	JMS1	JGL15	JGU15
	100	1-1/4	SAFJ10-S-04-GG-S	18	SAFJ10S04	JMS	JGL15	JGU15
	100	1-1/2	SAFJ10-S-04-GG-S1	18	SAFJ10S04	JMS1	JGL15	JGU15
90° STANCHION MOUNT 	35	1-1/4	SAFJ03-S-04-GG-L	15.5	SAFJ03S04	JML	JGL15	JGU15
	35	1-1/2	SAFJ03-S-04-GG-L1	15.5	SAFJ03S04	JML1	JGL15	JGU15
	50	1-1/4	SAFJ05-S-04-GG-L	16.5	SAFJ05S04	JML	JGL15	JGU15
	50	1-1/2	SAFJ05-S-04-GG-L1	16.5	SAFJ05S04	JML1	JGL15	JGU15
	70	1-1/4	SAFJ07-S-04-GG-L	17.5	SAFJ07S04	JML	JGL15	JGU15
	70	1-1/2	SAFJ07-S-04-GG-L1	17.5	SAFJ07S04	JML1	JGL15	JGU15
	100	1-1/4	SAFJ10-S-04-GG-L	19.5	SAFJ10S04	JML	JGL15	JGU15
	100	1-1/2	SAFJ10-S-04-GG-L1	19.5	SAFJ10S04	JML1	JGL15	JGU15

① All fixtures are designed for Medium Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page 153.

★ Refer to Certification Guide to determine suitability of individual fixture.

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL

Metal Halide with Globe and Guard 50-100 Watts

(Lamps not included)

Mounting Style	Lamp ^① Watts	Conduit Size (in.)	Catalog Number 120/208/240/277V ^②	Shipping Weight (lbs.)	CONSISTS OF			
					Ballast Housing ^②	Outlet Box	Globe	Guard
RIGID PENDANT 	50	3/4	SAFJ05-H-04-GG-P	14	SAFJ05H04	JMP	JGL15	JGU15
	50	1	SAFJ05-H-04-GG-P1	14	SAFJ05H04	JMP1	JGL15	JGU15
	70	3/4	SAFJ07-H-04-GG-P	14	SAFJ07H04	JMP	JGL15	JGU15
	70	1	SAFJ07-H-04-GG-P1	14	SAFJ07H04	JMP1	JGL15	JGU15
	100	3/4	SAFJ10-H-04-GG-P	15	SAFJ10H04	JMP	JGL15	JGU15
	100	1	SAFJ10-H-04-GG-P1	15	SAFJ10H04	JMP1	JGL15	JGU15
FLEXIBLE PENDANT 	50	3/4	SAFJ05-H-04-GG-F	14	SAFJ05H04	JMF	JGL15	JGU15
	50	1	SAFJ05-H-04-GG-F1	14	SAFJ05H04	JMF1	JGL15	JGU15
	70	3/4	SAFJ07-H-04-GG-F	14	SAFJ07H04	JMF	JGL15	JGU15
	70	1	SAFJ07-H-04-GG-F1	14	SAFJ07H04	JMF1	JGL15	JGU15
	100	3/4	SAFJ10-H-04-GG-F	15	SAFJ10H04	JMF	JGL15	JGU15
	100	1	SAFJ10-H-04-GG-F1	15	SAFJ10H04	JMF1	JGL15	JGU15
CEILING MOUNT 	50	3/4	SAFJ05-H-04-GG-C	14.5	SAFJ05H04	JMC	JGL15	JGU15
	50	1	SAFJ05-H-04-GG-C1	14.5	SAFJ05H04	JMC1	JGL15	JGU15
	70	3/4	SAFJ07-H-04-GG-C	14.5	SAFJ07H04	JMC	JGL15	JGU15
	70	1	SAFJ07-H-04-GG-C1	14.5	SAFJ07H04	JMC1	JGL15	JGU15
	100	3/4	SAFJ10-H-04-GG-C	15.5	SAFJ10H04	JMC	JGL15	JGU15
	100	1	SAFJ10-H-04-GG-C1	15.5	SAFJ10H04	JMC1	JGL15	JGU15
WALL MOUNT 	50	3/4	SAFJ05-H-04-GG-W	17	SAFJ05H04	JMW	JGL15	JGU15
	50	1	SAFJ05-H-04-GG-W1	17	SAFJ05H04	JMW1	JGL15	JGU15
	70	3/4	SAFJ07-H-04-GG-W	17	SAFJ07H04	JMW	JGL15	JGU15
	70	1	SAFJ07-H-04-GG-W1	17	SAFJ07H04	JMW1	JGL15	JGU15
	100	3/4	SAFJ10-H-04-GG-W	18	SAFJ10H04	JMW	JGL15	JGU15
	100	1	SAFJ10-H-04-GG-W1	18	SAFJ10H04	JMW1	JGL15	JGU15
25° STANCHION MOUNT 	50	1-1/4	SAFJ05-H-04-GG-S	16	SAFJ05H04	JMS	JGL15	JGU15
	50	1-1/2	SAFJ05-H-04-GG-S1	16	SAFJ05H04	JMS1	JGL15	JGU15
	70	1-1/4	SAFJ07-H-04-GG-S	16	SAFJ07H04	JMS	JGL15	JGU15
	70	1-1/2	SAFJ07-H-04-GG-S1	16	SAFJ07H04	JMS1	JGL15	JGU15
	100	1-1/4	SAFJ10-H-04-GG-S	17	SAFJ10H04	JMS	JGL15	JGU15
	100	1-1/2	SAFJ10-H-04-GG-S1	17	SAFJ10H04	JMS1	JGL15	JGU15
90° STANCHION MOUNT 	50	1-1/4	SAFJ05-H-04-GG-L	17.5	SAFJ05H04	JML	JGL15	JGU15
	50	1-1/2	SAFJ05-H-04-GG-L1	17.5	SAFJ05H04	JML1	JGL15	JGU15
	70	1-1/4	SAFJ07-H-04-GG-L	17.5	SAFJ07H04	JML	JGL15	JGU15
	70	1-1/2	SAFJ07-H-04-GG-L1	17.5	SAFJ07H04	JML1	JGL15	JGU15
	100	1-1/4	SAFJ10-H-04-GG-L	18.5	SAFJ10H04	JML	JGL15	JGU15
	100	1-1/2	SAFJ10-H-04-GG-L1	18.5	SAFJ10H04	JML1	JGL15	JGU15

① All fixtures are designed for Medium Base lamps, with the lamp mounted in base-up position.

② Fixtures and housings are with Multi-Tap ballast. For other ballast voltages, refer to Catalog Number Logic page 153.

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Accessories

	Catalog No.	Conduit Hub Size (In.)	Shipping Weight (Lbs.)
RIGID PENDANT			
	JMP	¾	3.0
	JMP1	1	3.0
FLEXIBLE PENDANT			
	JMF	¾	3.0
	JMF1	1	3.0
CEILING MOUNT			
	JMC	¾	3.2
	JMC1	1	3.2
WALL MOUNT			
	JMW	¾	6.0
	JMW1	1	6.0
25° STANCHION MOUNT			
	JMS	1-¼	5.0
	JMS1	1-½	5.0
90° STANCHION MOUNT			
	JML	1-¼	6.5
	JML1	1-½	6.5

	Catalog No.	Description	Shipping Weight (Lbs.)
DOM REFL ECTOR			
	JD15	Standard Dome Reflector Molded Polycarbonate	0.8
ANGLE REFL ECTOR			
	JA15	30° Angle Reflector Molded Polycarbonate	1.9
GUARD			
	JGU15	Stainless Steel Wire Guard	1.0
GLASS GLOBE			
	JGL15	Heat and Impact Resistant Prismatic Glass Globe	3.0
HAZARDOUS LOCATION PHOTOCELL KITS			
	HLPC-120 ³ HLPC208-277 ³ HLPC-347 ³	Automatic On-Off Photo Cell Kits (Requires Field Installation)	1.0
	SPH25-120 ² SPH25-277 ²	Automatic On-Off Photo Cell Kits (Requires Field Installation)	1.0

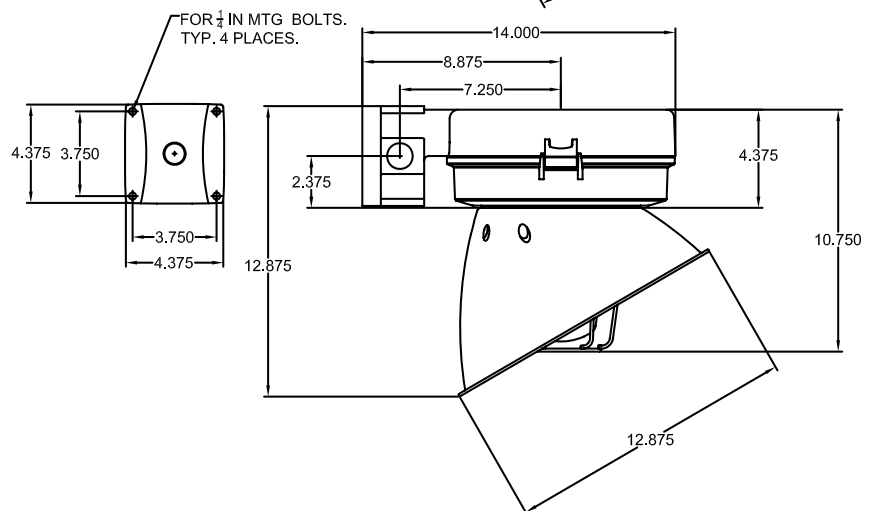
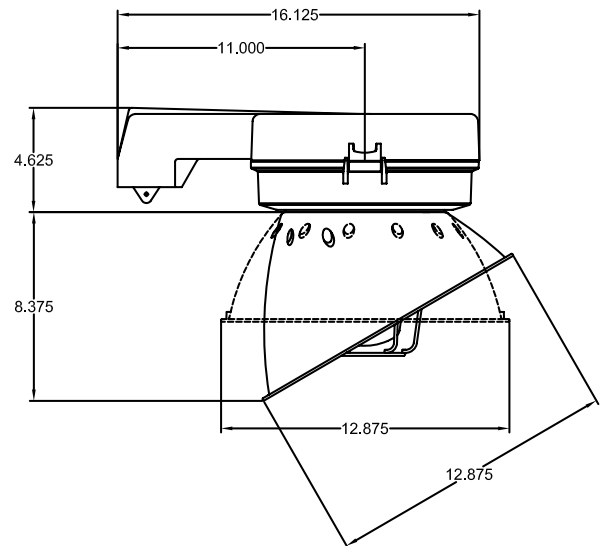
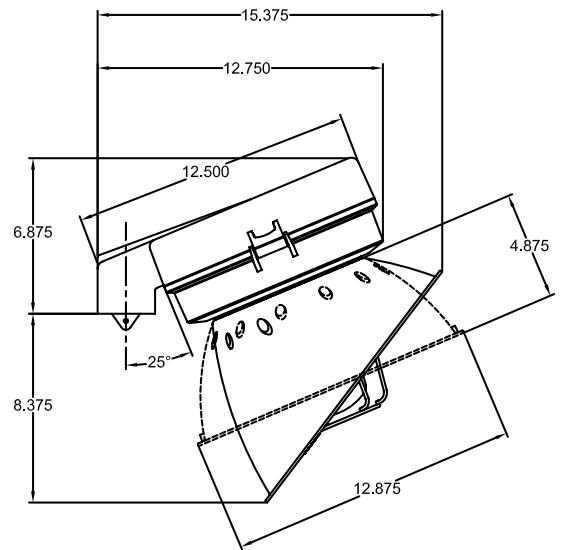
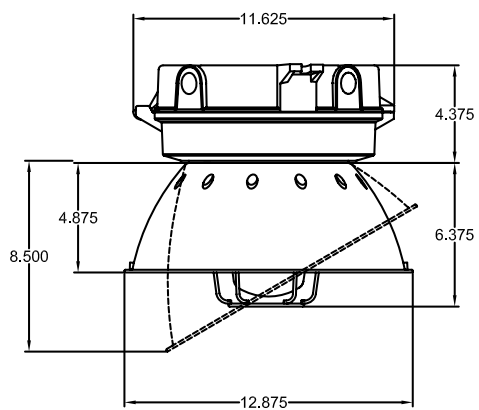
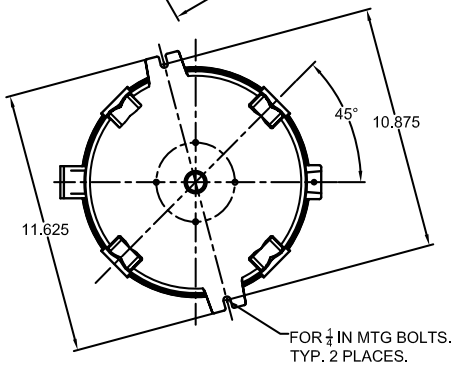
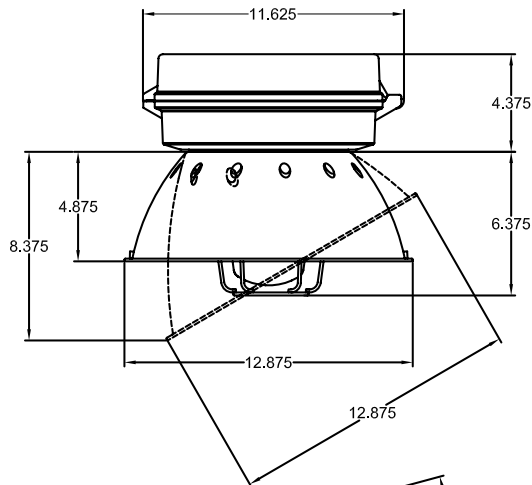
² Not Suitable for Hazardous Locations³ Suitable for Hazardous Locations Class I, Division 2

	Catalog No.	Description	Shipping Weight (Lbs.)
FUSE KIT			
	SBF600	Open fuse block kit- 600 volt AC maximum.	.06

HIGH PRESSURE SODIUM • METAL HALIDE

SAFJ Series

Hazardous Locations • Class I, Division 2, Class II, Class III • UL 1598A • UL 844 • Wet Locations • CUL



NOTES