

SAFR Series 75 Watt LED



Features

- Glare Free Performance with threaded and frosted refractors
- Replaces up to 100 watt Metal Halide and 100 watt High Pressure Sodium
- 60,000 or more hours rated lamp life with 70% lumen maintenance
- Constant Current
- 120-277V, 50/60Hz
- 347/480V 60Hz
- Junction Temperature: 97° C in a 55° C Ambient
- Line Transient Protection: 1 KV line to line. 1 KV line to ground

Mounting & Lens Options

Mounting Styles Include

- Stanchion (25° & 90°)
- Wall
- Ceiling
- Pendant
- Flexible Pendant
- Cone

Lens Options Include

- Type V Refractor
- Low Profile Clear Globe*
- Low Profile Frosted Globe*

* Patent # D637339S

Certifications

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 2, Groups IIA, IIB & IIC
- Simultaneous Presence
- Enclosed and Gasketed
- NEMA 3R, 4X
- UL 8750, 1598, 1598A & 844
- CUL
- IP 66
- AEx nR II, T4
- Tested to LM79 & LM80 standards

Standard Materials

- Copper Free Cast Aluminum Alloy Housing
- Epoxy Powder Coated
- Stainless Steel Hardware
- Tempered Glass Globe
- Stainless Steel Guard
- Silicone Gaskets

Certification Guide

MODEL	AMBIENT °C	Class I, Div.2	CLASS II & III		Simultaneous Presence	UL 1598A OUTDOOR	Class I, Zone 2	CUL	SUPPLY WIRE SUITABLE TEMP °C
		Groups A,B,C & D	GROUPS				AEx nR II		
SAFR09L	40	T4A	E,F,G	T6	T3C	YES	T4	YES	90
SAFR09L	55	T4A	E,F,G	T6	T3C	YES	T4	YES	105

SAFR Series 98 Watt LED



Features

- Glare Free Performance with threaded and frosted refractors
- Replaces up to 175 watt Metal Halide and 150 watt High Pressure Sodium
- 60,000 or more hours rated lamp life with 70% lumen maintenance
- Constant Current
- 120-277V 50/60Hz
- 347/480V 60 Hz
- Line Transient Protection: 4 KV line to line. 2 KV line to ground

Mounting & Lens Options

Mounting Styles Include

- Stanchion (25° and 90°)
- Wall
- Ceiling
- Pendant
- Flexible Pendant
- Cone

Lens Options Include

- Type V Refractor
- Low Profile Clear Globe*
- Low Profile Frosted Globe*

* Patent # D637339

Certifications

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 2, Groups IIA, IIB & IIC
- Simultaneous Presence
- Enclosed and Gasketed
- NEMA 3R, 4X
- UL 8750, 1598, 1598A & 844
- CUL
- IP 66
- AEx nR II
- Tested to LM79 & LM80 standards

Standard Materials

- Copper Free Cast Aluminum Alloy Housing
- Epoxy Powder Coated
- Stainless Steel Hardware
- Tempered Glass Globe
- Stainless Steel Guard
- Silicone Gaskets

Certification Guide

MODEL	AMBIENT °C	Class I, Div.2	CLASS II & III		Simultaneous Presence C I D 2 C2 D1	UL 1598A OUTDOOR	Class I, Zone 2	CUL	SUPPLY WIRE SUITABLE TEMP °C
		Groups A,B,C & D	GROUPS		AEx nR II				
SAFR11L	40	T3A	E,F,G	T6	T3A	YES	T3	YES	90
SAFR11L	55	T3A	E,F,G	T6	T3A	YES	T3	YES	105



Catalog Number Logic

SAFR 09-L-U -T5G-P-XX

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BASIC SERIES SAFR

Hazardous Location LED
 Class I, Division 2, Groups A, B, C & D
 Class II, Division 1 & 2, Groups E, F & G
 Class III
 Simultaneous Presence
 Class I, Zone 2, Groups IIA, IIB & IIC
 Enclosed and Gasketed
 Wet Locations
 NEMA 3R, 4X; IP66
 UL 1598, 1598A, 844 & 8750
 CUL
 ABS Type Approved
 Restricted Breathing
 (Annual Testing Not Required)
 AEx nR II

2

LAMP CURRENT/LAMP WATTAGE

09 = 75 Watt
 11 = 98 Watt

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LAMP TYPE

L = LED

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DRIVER VOLTAGE

U = 120-277V 50/60HZ
 N = 347/480V 60HZ

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GLOBE & GUARD

LC = Low Profile Clear Globe Only
 LCG = Low Profile Clear Globe & Guard
 LF = Low Profile Frosted Globe Only
 LFG = Low Profile Frosted Globe & Guard
 T5 = Type V (Symmetric)
 Closed Bottom Glass Refractor
 T5G = Type V (Symmetric)
 Closed Bottom Glass Refractor & Guard

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MOUNTING STYLE

P = 3/4" Pendant Mount
 P1 = 1" Pendant Mount
 C = 3/4" Ceiling Mount
 C1 = 1" Ceiling Mount
 W = 3/4" Wall Mount
 W1 = 1" Wall Mount
 S = 1-1/4" 25° Stanchion Mount
 S1 = 1-1/2" 25° Stanchion Mount
 L = 1-1/4" 90° Stanchion Mount
 L1 = 1-1/2" 90° Stanchion Mount
 K = 3/4" Cone Top
 K1 = 1" Cone Top

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OPTIONS¹

SS = Stainless Steel Inserts (304)
 FB1 = Single Fuse Block^{2,3}
 FB2 = Double Fuse Block^{2,3}
 TB = Terminal Block

¹ Consult factory for pricing

² Not available unless incoming voltage is specified. When installed, one fuse block is provided for 120, 277V and two fuse blocks are provided for 208, 240 and 480V. Fuse not included. Not available on 347V or 480V

³ Fuse option not available for marine listed fixtures.