

Intended Use

For landscape and facade lighting.

Construction

Rugged, die-cast, single-piece low copper alloy aluminum housing.

Door Assembly: Die-cast door-frame has impact-resistant, tempered glass lens. Door frame is fully sealed with a closed cell silicone gasket.

Finish: Standard finish is textured dark bronze polyester powder. Additional architectural colors available;

Optics

Anodized aluminum reflectors; segmented, specular or hammertone finish. Reflectors are interchangeable and allow for tool-less access to electrical components.

Electrical

Ballast: All ballasts are 100% factory tested. High reactance, high power factor for 150W and below. Constant wattage autotransformer 175W and above. MH: 150W and below are standard with pulse-start ignitor technology. Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant,

are required for 151-400W (must order SCWA option) for U.S. shipments only. CSA, NOM or INTL required for probe start shipments outside the U.S. Compact fluorescent uses an electronic high-frequency ballast.

Socket: Porcelain, medium-base socket for ASF1, mogul-base socket for ASF2, with copper alloy, nickel-plated screw shell and center contact (UL Listed 660W, 600V, 4KV pulse rated). Fluorescent is four-pin positive latching thermoplastic. UL listed. LPI is standard 35K for CFL.

Installation

ASF1 standard mounting is cast 3/4" threaded knuckle. ASF2 standard mounting is heavy-duty, cast-aluminum swivel that fits over standard 1-1/2" (1.9" O.D.) to 2" (2.38" O.D.). Optional yoke mounting available in both sizes.

Listings

UL Listed suitable for wet locations in all orientations and 25°C ambient. UL Listed to U.S. and Canadian safety standards. NOM Certified (see Options). IP66 rated. Patents pending.

ASF

Aeris™

**ORDERING INFORMATION**

For shortest lead times, configure products using **bolded options**.

Example: ASF1 100M WDF 120 LPI

Series	Lamp type ¹	Distribution	Voltage	Ballast	Mounting		
ASF1	High pressure sodium ²	Metal halide	120	(blank)	Ships installed	AFTMB	Twin mounting bar
ASF2	50S	50MH ^{2,4}	208 ¹⁰	Magnetic ballast	(blank) ASF1 3/4" threaded knuckle (std.)	AFTS	Architectural tenon slipfitter for 3/4" THK option
	70S	70MH ^{2,4}	240 ¹⁰	CWI	(blank) ASF2 swivel (std.)	AFSTMTHK	Stanchion mount for 3/4" THK option
	100S	100M ²	277	Constant wattage isolated ¹³	YK Yoke mount	AFWMATHK	Wall-mount arm for 3/4" THK option
	150S	150M	347	SCWA	Ships separately ^{14,15}	AFWMPHCK	Wall-mount plate for 3/4" THK option
	200S	175M ³	480 ¹⁰	Super CWA ballast	AFTM Tenon base mount	AFTMBTHK	Twin mounting bar for 3/4" THK option
	250S	200M ⁶	TB ¹¹		AFSTM Stanchion mount	AFJB	Architectural J-box for 3/4" THK option
	400S ³	250M	MVOLT ¹²		AFWMA Wall-mount arm		
		320M ^{6,7}	23050HZ ¹³				
		350M ^{6,7}					
		400M ⁷					
Options							
Ships installed		PE Photoelectric cell, button type ¹⁷	VG Vandal guard	Finish	Lamped		
SF Single fuse, 120V, 277V, 347V		2/1 Two 1-lamp ballasts ¹⁸	BD Barn door ¹⁵	(blank) Textured dark bronze	LPI	Lamp included	
DF Double fuse, 208V, 240V, 480V		CSA Meets Canadian standards	FV Full visor ¹⁵	DSST Textured sandstone	L/LP	Less lamp	
GMF Internal slow-blow fusing		NOM Meets Mexican standards (consult factory)	EV Eggcrate visor (black only)	DNAT Textured natural aluminum			
EC Emergency circuit ¹⁶		INTL Available for MH probe start shipping outside the U.S.	GS Glare shield (upper or bottom visor) ¹⁵	DWHG Textured white			
QRS Quartz restrike system ¹⁶		Ships separately ^{14,19}		DBLB Textured black			
QRSTD Quartz restrike time delay ¹⁶		FV/BVG Full visor and vandal guard ¹⁵		DDB Dark bronze			

ADDITIONAL INFORMATION

LAMP/FIXTURE DATA					
LAMP TYPE	DISTRIBUTION	CIRCUIT TYPE	LAMP SHAPE	BASE TYPE	NEMA DIST.
150S	HSP	HX-HPF	E17	Medium	5 x 3
150S	WDF	HX-HPF	E17	Medium	7 x 6
400S	HSP	CWA	E17	Mogul	7 x 3
400S	WDF	CWA	E17	Mogul	7 x 6
175M	NSP	CWA	E17	Medium	1 x 2
175M	HSP	CWA	E17	Medium	5 x 3
175M	WDF	CWA	E17	Medium	7 x 6
400M	NSP	CWA	ED28	Mogul	1 x 3
400M	HSP	CWA	ED28	Mogul	7 x 5
400M	WDF	CWA	ED28	Mogul	7 x 6
57TRT	WDF	Electronic, HPF	T4	GX24Q-5	7 x 6
70TRT	WDF	Electronic, HPF	T4	GX24Q-6	7 x 6

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
ASF1	50S, 50M, 50MHC, 70S, 70M, 70MHC, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M	NSP, SP, HSP, MDF, WDF, VFW, VFN
ASF1	260TT, 2/260TT, 26TTR, 2/26TTR, 32TTR, 2/32TTR, 42TTR, 2/42TTR, 57TTR, 2/57TTR, 70TTR	WDF
ASF2	175M, 200S, 200M, 250S, 250M, 320M, 350M, 400M	NSP, SP, HSP, MDF, WDF, VFW, VFN
ASF2	400S	HSP, MDF, WDF, VFW, VFN

Notes

- Specify lamp type and distribution. See Configurations table.
- Not available with SCWA.
- Not available with NSP or SP distributions.
- Not available with 480V
- Not available ASF1 SCWA.
- Must be ordered with SCWA.
- ED-28 reduced jacket lamp required.
- Not applicable with L/LP.
- Available with ASF1 WDF distribution only.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Optional multi-volt electronic ballast (for compact fluorescent lamps only) capable of operating on any line voltage from 120V-277V.
- Consult factory for available wattages

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

ASF1	ASF2
EPA: 1.2 ft² (0.11m²)	2.0 ft² (0.19m²)
Depth: 7-5/8 (19.3)	11 (27.9)
Width: 15-1/2 (39.4)	21-1/2 (54.6)
Height: 10-7/8 (27.6)	18-1/2 (47.0)
Max. weight: 20 lbs (9.0 kg)	35 lbs (15.8 kg)

- May be ordered as accessory.
- Must specify finish.
- ASF2 only. EC, QRS, and QRSTD options cannot be ordered together. Maximum allowable wattage lamp included.
- Must be ordered with fixture; cannot be field installed. Not available in 347V, 480V, or TB.
- ASF1 with CFL only. Not available with PE.
- Prefix with fixture name and size (e.g., ASF2FV).