

## FEATURES & SPECIFICATIONS

**INTENDED USE** — For landscape and facade lighting.

**CONSTRUCTION** — Rugged, die-cast, single piece low copper alloy aluminum housing. Die-cast doorframe has impact-resistant, tempered, glass lens. Doorframe is fully sealed with a closed-cell silicone gasket. Standard finish is textured dark bronze (DDBT) polyester powder finish, with other architectural colors available. Patent No. D552,778.

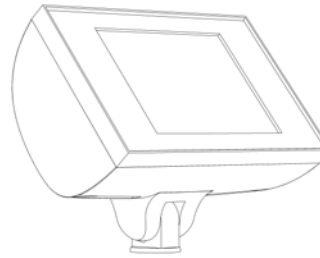
**OPTICS** — Anodized aluminum reflectors; segmented, specular or hammertone finish for superior uniformity and control. Reflectors are interchangeable and allow for tool-less access to electrical components.

**ELECTRICAL** — 50W-150W utilizes a high reactance, high power factor ballast. 175W utilizes a constant-wattage autotransformer ballast. Quick disconnect plug easily disconnects reflector from ballast and fixture from supply wires. Compact fluorescent ballast is Class P, electronic, high power factor, multi-volt, <10% THD with starting temp of 0° F (-18° C). Ballasts are precision wound and 100% factory tested. Porcelain, medium-base socket with copper alloy, nickel-plated screw shell and center contact. Compact fluorescent socket is high temperature thermoplastic with integral lamp retention clip; 4-pin. UL Listed. CSA, NOM or INTL required for probe start shipments outside of the US for 175M. Not available with 175M SCWA. Ceramic metal halide lamps are recommended for use in applications where superior color rendition, lumen maintenance and longer lamp life are desired.

**INSTALLATION** — Standard mounting is cast 3/4" threaded knuckle. Mounting mechanism features infinite locking points for aiming precision. Optional yoke mounting available, heavy-duty compact cast aluminum yoke adaptor to maintain fixture aesthetics. Provided with painted steel yoke and three feet of 16/3 SEOOW cable.

**LISTING** — UL listed suitable for wet locations in all orientations. UL Listed to U.S. and Canadian safety standards (see Options). NOM Certified (see Options). IP66 rated. U.S. and Canadian patents pending.

Catalog Number	
Notes	Type



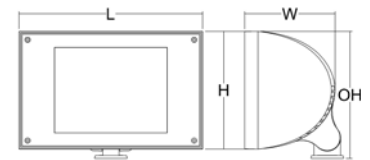
**AERIS**  
Architectural Floodlighting

# ASF1

**METAL HALIDE  
HIGH PRESSURE SODIUM  
COMPACT FLUORESCENT**

### Specifications

Length: 15-1/2 (39.4)  
Width: 7-5/8 (19.4)  
Height: 10 (25.4)  
Overall Height: 10-7/8 (27.6)  
Max. Weight: 20 lbs (9.07 kg)  
EPA: 1.20 ft<sup>2</sup>



All dimensions are inches (centimeters) unless otherwise specified.

## ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: ASF1 100M HSP TB LPI

### ASF1

Series	Distribution	Voltage	Ballast	Options	Lamp <sup>14</sup>
<b>ASF1</b>	SP Spot	120	(blank) <b>Magnetic ballast</b>	<u>Shipped installed in fixture</u>	<b>LPI Lamp included</b>
Wattage	<b>HSP Horizontal spot</b>	208 <sup>3</sup>	<b>Pulse Start</b>	SF Single fuse (120, 277, 347V, n/a TB, TBV)	<b>L/LP Less lamp</b>
<u>Metal halide</u>	NSP Narrow spot	240 <sup>3</sup>	<b>SCWA Super CWA pulse start ballast<sup>10</sup></b>	DF Double fuse (208, 240, 480V, n/a TB, TBV)	Finish <sup>13</sup>
50M	<b>WDF Wide flood</b>	347	2/1 Two, one-lamp ballasts (two lamp compact fluorescent only) <sup>11</sup>	GMF Internal slow-blow fusing (n/a with MVOLT; CFL only)	<u>Standard textured</u>
<b>70M</b>	<b>MDF Medium flood</b>	480 <sup>3</sup>		PE Photoelectric cell-button type (n/a 347V, 480V, TB, TBV or MVOLT) <sup>9</sup>	<b>DDBT Dark bronze</b>
<b>100M</b>	VFN Vertical narrow	MVOLT <sup>5</sup>		CSA Listed and labeled to comply with Canadian standards	DSST Sandstone
<b>150M<sup>1</sup></b>	VFW Vertical wide			NOM NOM Certified	DNAT Natural aluminum
175M <sup>15</sup>				INTL International shipment for 175M	<b>DWHG White</b>
<u>Ceramic metal halide</u>	Mounting			<u>Shipped separately</u>	<b>DBLB Black</b>
50MHC	<u>Shipped installed</u>			ASF1GS Glare shield (upper or bottom visor)	<u>Optional textured</u>
70MHC	(blank) <b>Threaded knuckle</b>			ASF1EV Eggcrate visor (black only)	DBNH Bronze
100MHC	<b>YK Yoke mount</b>			ASF1FV Full visor	DSPD Dark gray
150MHC	<u>Shipped separately</u>			ASF1BD Barn door	DSPJ Light gray
<u>High pressure sodium</u>	AFSTMTHK Stanchion mount for THK <sup>6</sup>			ASF1BVG Vandal guard	DSPG Green
50S	AFWMATHK Wall mount arm for THK option <sup>6</sup>			ASF1FBV Full visor/vandal guard	DSPF Dark red
70S	FCRA45 Flood cross-arm adaptor for horizontal mounting 45° <sup>7</sup>			<u>Outdoor remote ballast</u>	DSPH Rust
100S	FPMB Flood/wall wood pole/pipe mounting bracket <sup>7</sup>			HRBW HID remote ballast weatherproof (black) <sup>12</sup>	CR Enhanced corrosion resistance
150S	AFTS Tenon slipfitter <sup>6</sup>			<u>Indoor remote ballast</u>	CRT Non-stick protective coating (black only)
<u>Fluorescent<sup>2</sup></u>	AFTM Tenon base mount <sup>8</sup>			HRB HID remote ballast (white) <sup>12</sup>	
26DTT	AFTMBTHK Twin mounting bar for THK option <sup>6</sup>				
2/26DTT	AFWMPTHK Wall mount plate for THK option <sup>6</sup>				
26TRT	AFJB Architectural J-box <sup>6</sup>				
2/26TRT					
32TRT					
2/32TRT					
42TRT					
2/42TRT					
57TRT					
2/57TRT					
70TRT					

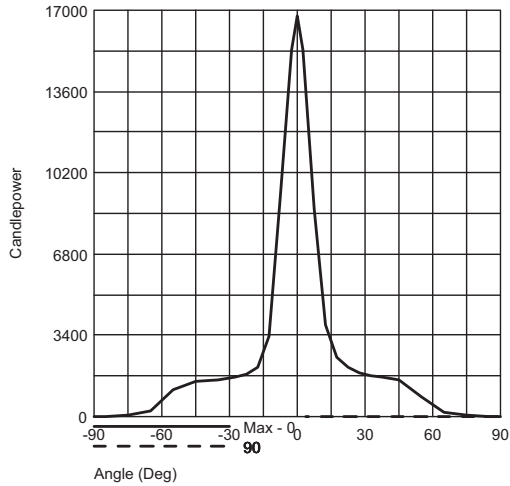
NOTES:

- May be ordered with SCWA.
- Available with WDF distribution only.
- Consult factory for availability in Canada.
- Optional multi-tap ballast (120, 208, 240, 277); (120, 277, 347V in Canada ships as 120/347).
- Multi-volt electronic ballast (for DTT and TRT lamps). Capable of operating any line voltage between 120V and 277V; Ships standard on CFL wattages.
- For use with 3/4" THK mounting only.
- For use with yoke mount only. Must include yoke mount option on fixture.
- For use with AFTS mounting option only.
- Must be ordered with fixture; cannot be field installed.
- Available with 150M or 150MHC only.
- Not available with PE option.
- Consult factory for availability.
- Additional architectural colors available; see www.lithonia.com for more information.
- Must be specified.
- These wattages do not comply with California Title 20 regulations.

# ASF1 Metal Halide, High Pressure Sodium, Fluorescent Architectural Flood

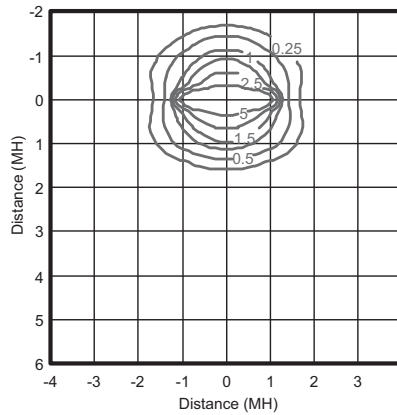
ASF1 150M HSP

TEST NO. LTL 14889P  
Cartesian Plot



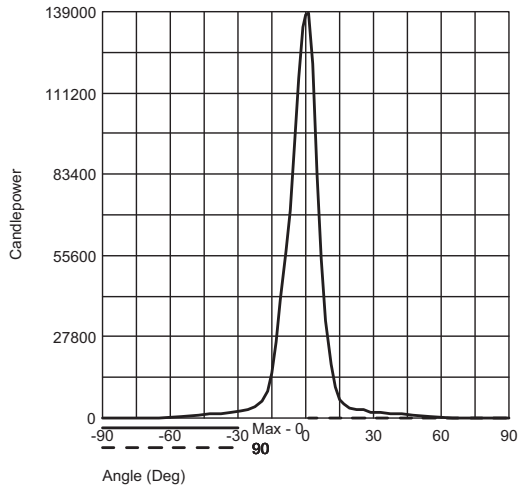
ISOILLUMINANCE PLOT (FC)

Mounting Height = 20 ft.  
Classification: Unclassified (Type I, Very Short), Cutoff



ASF1 150M NSP

TEST NO. LTL 148256P  
Cartesian Plot



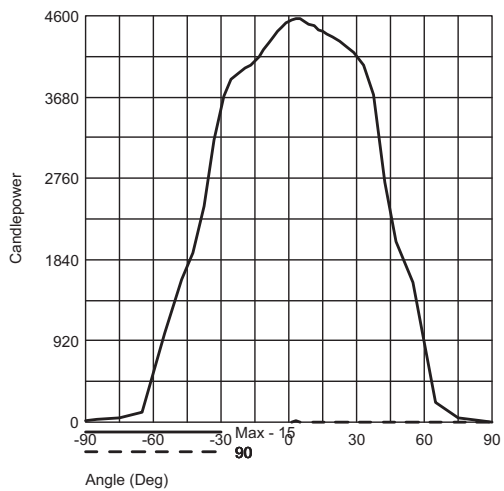
ISOILLUMINANCE PLOT (FC)

Mounting Height = 20 ft.  
Classification: Unclassified (Type I, Very Short), Cutoff



ASF1 150M WDF

TEST NO. LTL 14888P  
Cartesian Plot



ISOILLUMINANCE PLOT (FC)

Mounting Height = 20 ft.  
Classification: Unclassified (Type II, Very Short), Cutoff

