

**DESCRIPTION**

The AFM-S Series is a versatile area, wallpack, and floodlight solution featuring a durable die-cast aluminum housing with a textured powder coated finish. Available in multiple lumen packages up to 7,469 lumens, this compact fixture delivers long life and high performance with efficacies up to 121 lumens per watt. Offering Type III, Type V, and Narrow Beam distributions along with multiple CCT options, the AFM-S Series provides flexible lighting for a wide range of exterior applications. Designed for adaptability, it supports a variety of mounting configurations for precise aiming and positioning, making it ideal for commercial and industrial environments requiring reliable and efficient illumination.

**SPECIFICATIONS**

**Construction:**

- Die-cast aluminum housing and front frame with nickel-plated stainless steel hardware and powder coated bronze finish
- Integral heat sink for maximized heat dissipation
- Tempered clear flat or diffused flat glass lens

**Optics/LEDs:**

- 25 to 62 Watts with lumen packages up to 7,469
- Type III, V or Narrow Beam optics
- 3000K, 4000K, 5000K CCT
- 80 CRI
- Efficacy up to 121 lumens per watt
- L70 ≥ 320,000 hours

**Electrical:**

- 120-277VAC, 50/60Hz
- 0-10V Dimming driver
- Optional 347-480VAC (Option: HVS)
- Power Factor ≥ 0.90

**Installation:**

- Adjustable mounts provide field aiming and positioning
- Mounting options: Pole mount arm, ½" knuckle, pole mount adapter, slipfitter, trunnion, wall mount, and yoke
- Slipfitter fits standard 2 ¾" tenons and secures with set screws
- Knuckle mount installs to ½" NPS threaded hub

**Options:**

- Battery Backup (Option: BB) Operating Temperatures: 0°C to 50°C (32°F to 122°F)
- Cold Location Battery Backup (Option: CL) Operating Temperatures: -20°C to 50°C (-4°F to 122°F)
- Fuse; Single Fuse (Option: F) or Double Fuse (Option: FD)
- PIR Motion Sensor with mount height of 20ft - 35ft (Option: MS1)
- PIR Motion Sensor with mount height <18ft (Option: MS2)
- 120-277VAC Button Photocontrol (Option: PC)
- Surge Protector; 120-277VAC Surge Protector (Option: SP)

**Testing & Compliance:**

- cETLus Listed for Wet Locations
- Operating Temperatures: -40°C to 50°C (-40°F to 122°F)
  - 0°C to 50°C (32°F to 122°F) with Battery Backup (Option: BB)
  - -20°C to 50°C (-4°F to 122°F) with Cold Location Battery Backup (Option: CL)
- Buy American Act compliant

**Field Installed Accessories:**

- Aluminum glare/house side shield, bronze finish, includes hardware. (AFM-S-GS)
- Wire guard, stainless steel construction, includes hardware. (AFM-S-WG)

**Warranty:**

- Five Year Warranty (Terms and Conditions Apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



Shown with "A"  
Pole Mount Arm



Shown with "SF"  
Slipfitter Mount



Specs at a Glance			
<b>Model</b>	AFM-S-25	AFM-S-41	AFM-S-62
<b>Wattage (W)*</b>	25W	41W	62W
<b>Lumens (lm)</b>	2,536- 2,875	4,266 - 4,834	6,858 - 7,469
<b>Efficacy (LPW)</b>	Up to 116	Up to 118	Up to 121
<b>Distribution</b>	Type III, V, Narrow Beam	Type III, V, Narrow Beam	Type III, V, Narrow Beam
<b>CCT (K)</b>	3000K, 4000K, 5000K		
<b>CRI</b>	80		
<b>Input Voltage</b>	120-277VAC or 347-480VAC		
<b>Operating Temp</b>	-40°C to 50°C (-40°F to 122°F)		
<b>Certifications</b>	ETL Listed for Wet Locations		
<b>Warranty</b>	5 Years		

\* Nominal Wattage, tested at 4000K CCT. See performance table for details.

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

**ORDERING INFORMATION** (Example: AFM-S-25-3-C-VS-4K-BR-W-BB)

Model	Wattage	Distribution	Lens	Input Voltage	CCT	Finish
AFM-S = Small	25 = 25 Watt	3 = Type III / NEMA 7H x 7V	C = Tempered Clear Flat Glass	VS = 120-277VAC	3K <sup>4</sup> = 3000K	BR = Bronze
	41 = 41 Watt	5 = Type V / NEMA 7H x 7V	D <sup>3</sup> = Diffused Flat Glass	HVS <sup>2</sup> = 347-480VAC	4K <sup>5</sup> = 4000K	
	62 = 62 Watt	N <sup>1</sup> = Narrow Beam / NEMA 4H x 4V			5K = 5000K	

Mounting	Options	Accessories <sup>8</sup> (Field installed, order as separate line item)
BLANK = No Mount	BB <sup>6,7</sup> = Battery Backup	AFM-S-GS = Glare Shield, Bronze Finish
A = Pole Mount Arm	CL <sup>6,7</sup> = Cold Location Battery Backup	AFM-S-WG = Wire Guard, Stainless Steel
K = 1/2" Knuckle Mount	F <sup>6</sup> = Fuse	
PA = Pole Mount Adapter	FD <sup>6</sup> = Double Fuse	
SF = Slipfitter	MS1 <sup>6</sup> = Motion Sensor, Mounting Height 20ft - 35ft	
T = Trunnion Mount	MS2 <sup>6</sup> = Motion Sensor, Mounting Height <18ft	
W = Wall Mount	PC <sup>6</sup> = 120-277VAC Button Photocontrol	
Y = Yoke Mount	SP <sup>6</sup> = 120-277VAC Surge Protector	

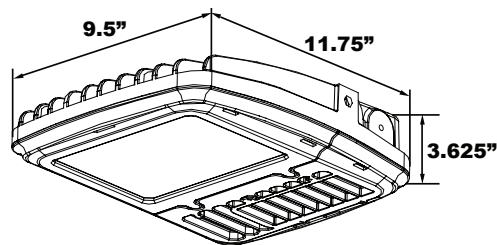
**Notes:**

- <sup>1</sup> Available only in 25W and 41W, 5000K configurations
- <sup>2</sup> 41W Model only
- <sup>3</sup> Only available with Type V distribution
- <sup>4</sup> Available only in 41W Type 5, 25W Type III, 25W Narrow Beam configurations
- <sup>5</sup> Not available with Narrow Beam distribution
- <sup>6</sup> 120-277VAC Models only
- <sup>7</sup> Wall mount only
- <sup>8</sup> Order as a separate line item, shipped in separate box for final installation in the field

**PERFORMANCE DATA**

Model	Wattage	CCT	Lumens	LPW	BUG Rating	CRI
AFM-S-25-3	25W	3000K	2,659	107	B1-U0-G1	80
AFM-S-25-3	25W	4000K	2,767	112	B1-U0-G1	80
AFM-S-25-3	25W	5000K	2,875	116	B1-U0-G1	80
AFM-S-25-5	25W	3000K	2,536	102	B1-U0-G0	80
AFM-S-25-5	25W	4000K	2,639	106	B1-U0-G0	80
AFM-S-25-5	25W	5000K	2,742	111	B1-U0-G0	80
AFM-S-25-N	25W	5000K	2,682	112	B1-U0-G0	80
AFM-S-41-3	41W	4000K	4,653	114	B1-U0-G1	80
AFM-S-41-3	41W	5000K	4,834	118	B1-U0-G1	80
AFM-S-41-5	41W	3000K	4,266	104	B2-U0-G0	80
AFM-S-41-5	41W	4000K	4,439	109	B2-U0-G0	80
AFM-S-41-5	41W	5000K	4,611	113	B2-U0-G0	80
AFM-S-41-N	41W	5000K	4,647	114	B3-U3-G0	80
AFM-S-62-3	62W	4000K	7,189	117	B2-U0-G2	80
AFM-S-62-3	62W	5000K	7,469	121	B2-U0-G2	80
AFM-S-62-5	62W	4000K	6,858	111	B2-U0-G0	80
AFM-S-62-5	62W	5000K	7,125	116	B3-U0-G0	80

**DIMENSIONS**



Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.

## MOUNTING OPTIONS



Pole Mount Arm  
(Option: A)



1/2" Knuckle Mount  
(Option: K)



Pole Mount Adapter  
(Option: PA)



Slipfitter  
(Option: SF)



Trunnion Mount  
(Option: T)



Wall Mount  
(Option: W)



Yoke Mount  
(Option: Y)

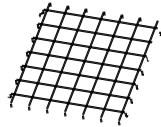


Wall Mount with  
Battery Backup

## ACCESSORIES (sold separately for field installation)



Glare Shield  
AFM-S-GS  
(Sold Separately)



Wire Guard  
AFM-S-WG  
(Sold Separately)