

# Areamaster™ Stainless Steel Floodlights

## Integral Ballast. 250 W, 400 W HPS or PSMH. Mogul Base

For Marine; Class I, Division 2 Hazardous Locations; Class I, Zone 2; and Corrosive Environments.

**NEC/CEC:**  
 Class I, Division 2, Groups A, B, C, D  
 Class I, Zone 2 IIC  
 NEMA 4X  
 Marine Outside Type (Salt Water)  
 Wet Location

**CEC:**  
 Class II, Groups E, F, G  
 Class III

### Applications

- Powerful, efficient weatherproof lighting for medium and large areas such as chemical plants, refineries, shipboard and marine industrial process areas where severely corrosive agents are present.

### Features

- Compact in size, rugged and dependable.
- Easy to install and service.
- A wide range of ballasts and voltages are available for both domestic and export applications.
- Integral ballast.
- Completely assembled fixture saves installation time and cost.
- Easily removable ballast tray.
- Hinged door.
- Seamless welded construction.
- Can be mounted in any position ranging from lens down to horizontal, lens up.
- Stainless steel latches to allow relamping without tools.
- 3/4" NPT conduit/cable entry.

### Standard Materials

- Fixture body and trunnion arm: 316 stainless steel
- 16 gauge 316 stainless steel
- Lens: thermal-shock-resistant and tempered impact-resistant glass
- Gasket: heavy-duty, high-temperature silicone rubber, firmly seated
- Socket: heavy-duty, mogul base porcelain with heavy gauge brass, nickel-plated, double lamp-grip screw shell and spring-loaded center contact
- Reflector: compound parabolic, double segment, finished aluminum for optimum efficiency

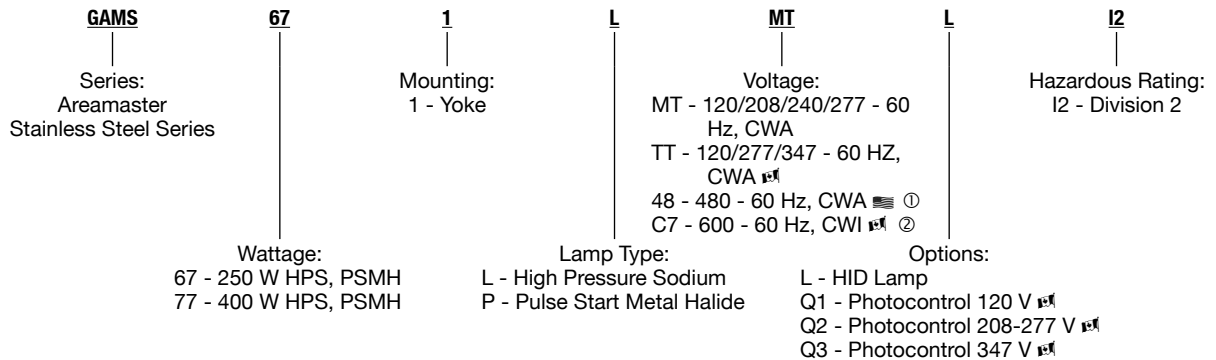


### Certifications and Compliances

- UL Standard: UL 1598, UL 1598A, UL 844
- UL Listed: E10794
- CSA Standards: C22.2 No. 94, C22.2 No. 137, C22.2 No. 250
- CSA Approval: LR25248

Order using catalog numbering guide below or select catalog number from tables on following pages.

#### Catalog Numbering Guide For Areamaster Stainless Steel Floodlights



Certified to meet the Canadian Electrical Code (CEC) only.  
 Certified to meet the National Electrical Code (NEC) only.  
 ① For CEC 480 V, 60 Hz, consult factory.  
 ② Available in High Pressure Sodium only.











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**CEC:**  
Class II, Groups E, F, G  
Class III

Lamp Type	Line Voltage	T Rating	Weight kg (lb)	Volume dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number
<b>High Pressure Sodium</b>					
400 W HPS	120/208/240/277	350	20.41 (45)	33.1 (2020)	GAMS771L-MT-I2
	120/277/347				GAMS771L-TT-I2 
	480				GAMS771L-48-I2 
	600				GAMS771L-C7-I2 
250 W HPS	120/208/240/277	350	20.41 (45)	33.1 (2020)	GAMS671L-MT-I2
	120/277/347				GAMS671L-TT-I2 
	480				GAMS671L-48-I2 
	600				GAMS671L-C7-I2 
<b>Pulse Start Metal Halide</b>					
400 W PSMH	120/208/240/277	450	20.41 (45)	33.1 (2020)	GAMS771P-MT-I2
	120/277/347				GAMS771P-TT-I2 
	480				GAMS771P-48-I2 
250 W PSMH	120/208/240/277	350	20.41 (45)	33.1 (2020)	GAMS671P-MT-I2
	120/277/347				GAMS671P-TT-I2 
	480				GAMS671P-48-I2 

### Mounting Fittings and Accessories

	Description	Catalog Number
	<b>Crossarm Mounting Bracket</b> — Has 180° horizontal adjustment—degree-marked. Facilitates mounting floodlight to crossarm or other flat surface, or to G-AM-8-WB. Includes floodlight yoke bolts. Malleable iron, zinc plated, chromate sealed, architectural bronze polyester finish.	<b>G-AM-8-CA</b>
	<b>Pipe or Wall Mount Bracket</b> — Used with G-AM-8-CA. Clamps to 1" to 2-1/2" pipe, vertical or horizontal, or mounts on flat surfaces. Includes U-bolt and crossarm bracket bolts. Malleable iron, zinc plated, chromate sealed, with architectural bronze polyester finish.	<b>G-AM-8-WB</b>
	<b>Poletop Slip-Fitter</b> — 1-1/2" or 2" pipe size poletop tenons. Includes floodlight yoke bolt, 3 locking bolts, and cord grip. Body is malleable iron—zinc plated, chromate sealed, with cast aluminum cap. Assembly has architectural bronze polyester finish.	<b>G-SF20</b>
	<b>Poletop Slip-Fitter</b> — Slip-Fits 2" or 2-1/2" poletop tenons. Includes floodlight yoke bolts, 3 locking bolts and cord grip. Malleable iron, zinc plated, chromate sealed, with architectural bronze polyester finish.	<b>G-AM-8-SF</b>

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 Certified to meet the National Electrical Code (NEC) only.

LIGHTING: ENCLOSED AND GASKETED — FLOODLIGHT

Lighting

1196

 **Appleton®**

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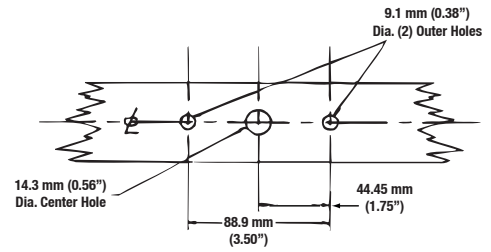
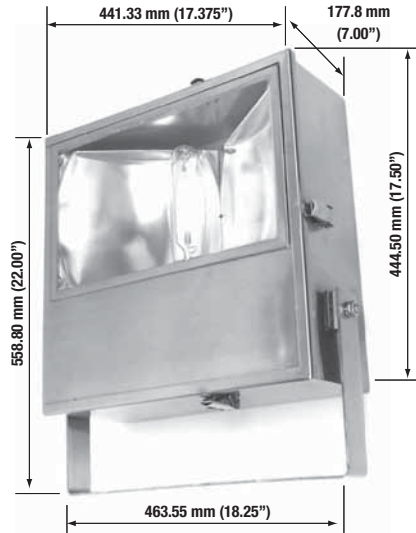
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# Areaster™ Stainless Steel Floodlights

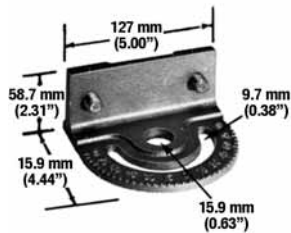
Integral Ballast. 250 W, 400 W HPS or PSMH. Mogul Base

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## Dimensions in Millimeters (Inches)



**Trunnion Mount**



**Crossarm Mounting Bracket**



**Pipe or Wall Mount Bracket**



**Poletop Slip-Fitter**



**Poletop Slip-Fitter**

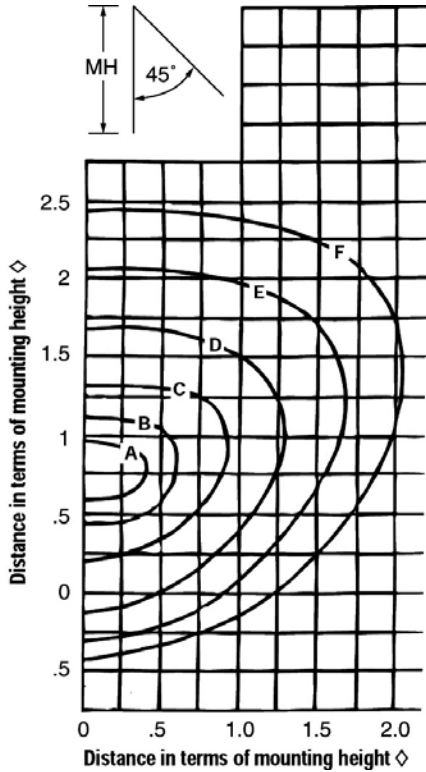
LIGHTING: ENCLOSED AND GASKETED – FLOODLIGHT

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### Typical Footcandle Values †



### Electrical Specifications — All ballasts are CWA type

Line Voltage	Starting Amps	Operating Amps	Total Watts
<b>400 W High Pressure Sodium</b>			
120	3.30	3.80	465
208	1.80	2.20	465
240	1.60	1.90	465
277	1.40	1.70	465
347	1.00	1.32	464
480	0.80	1.00	465
<b>400 W Pulse Start Metal Halide</b>			
120	3.50	4.00	454
208	2.00	2.30	454
240	1.25	2.00	454
277	1.50	1.75	454
347	1.10	1.35	452
480	0.90	1.00	454
<b>250 W High Pressure Sodium</b>			
120	2.00	2.50	295
208	1.20	1.50	295
240	1.00	1.30	295
277	0.85	1.10	295
347	0.60	0.93	295
480	0.40	0.65	295
<b>250 W Pulse Start Metal Halide</b>			
120	1.90	2.50	288
208	1.10	1.45	288
240	0.96	1.25	288
277	0.85	1.10	288
347	0.62	0.90	291
480	0.45	0.60	285

Mtg. Ht. m (ft)	Footcandles for Iso-Footcandle Lines											
	A	B	C	D	E	F	A	B	C	D	E	F
	<b>400 W HPS</b>						<b>250 W HPS</b>					
18.3 (60)	3.27	2.74	1.82	0.92	0.37	0.18	1.96	1.64	1.09	0.55	0.22	0.11
15.2 (50)	4.74	4.00	2.90	1.37	0.52	0.27	2.84	2.40	1.74	0.82	0.31	0.16
12.2 (40)	7.65	6.28	4.38	2.27	0.82	0.43	4.58	3.76	2.62	1.36	0.49	0.26
9.1 (30)	13.10	10.92	7.83	3.47	1.45	0.77	7.85	6.54	4.69	2.08	0.87	0.46
6.1 (20)	28.22	25.55	17.37	7.28	3.46	1.82	16.90	15.30	10.40	4.36	2.07	1.09
	<b>400 W PSMH</b>						<b>250 W PSMH</b>					
18.3 (60)	2.60	1.86	1.12	0.65	0.37	0.19	1.90	1.36	0.82	0.48	0.27	0.14
15.2 (50)	3.72	2.60	1.66	0.85	0.54	0.28	2.72	1.90	1.22	0.63	0.39	0.20
12.2 (40)	6.14	4.05	2.60	1.49	0.84	0.40	4.48	2.96	1.90	1.09	0.61	0.30
9.1 (30)	10.96	8.74	4.46	2.42	1.49	0.76	8.00	6.40	3.26	1.76	1.09	0.55
6.1 (20)	19.33	16.35	10.41	5.94	3.53	1.67	14.40	11.97	7.61	4.35	2.58	1.22

† Photometric charts available on request.

◇ i.e., ratio of distance to height. Example: @ 6.1 m (20') mounting height, 1 means 6.1 m (20'); 2 means 12.2 m (40'), etc.

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Lighting