

Areamaster™ 250/400

Integrally ballasted floodlights for 70W, 100W, 150W, 250W or 400W high pressure sodium lamps; 175W, 250W or 400W metal halide lamps; 200W, 250W, 320W or 400W pulse start metal halide and 175W, 250W or 400W mercury vapor lamps. For general, marine, and Class I, Div. 2, Groups A, B, C and D hazardous locations.

Ordering Information

		For General Duty		**For Class 1, Div. 2 Classified Duty and Marine Yoke Mount Catalog Number*
		Yoke Mount Catalog Number◆	Slip-Fit Mount‡ Catalog Number◆	
Lamp	Line Voltage			
High Pressure Sodium				
70W HPS	120-277◊②	-----	-----	G-AML271L-MT-I/2
70W HPS	480②	-----	-----	G-AML271L-48-I/2
100W HPS	120-277◊②	-----	-----	G-AML371L-MT-I/2
100W HPS	480②	-----	-----	G-AML371L-48-I/2
150W HPS	120-277◊②	-----	-----	G-AML471L-MT-I/2
150W HPS	480②	-----	-----	G-AML471L-48-I/2
250W HPS	120-277◊	G-AM671L-MT	G-AM675L-MT	G-AM671L-MT-I/2
250W HPS	480	G-AM671L-48	G-AM675L-48	G-AM671L-48-I/2
400W HPS	120-277◊	G-AM771L-MT	G-AM775L-MT	G-AM771L-MT-I/2
400W HPS	480	G-AM771L-48	G-AM775L-48	G-AM771L-48-I/2
Metal Halide				
175W MH	120-277◊	G-AM571H-MT	G-AM575H-MT	G-AM571H-MT-I/2
175W MH	480	G-AM571H-48	G-AM575H-48	G-AM571H-48-I/2
250W MH	120-277◊	G-AM671H-MT	G-AM675H-MT	G-AM671H-MT-I/2
250W MH	480	G-AM671H-48	G-AM675H-48	G-AM671H-48-I/2
400W MH	120-277◊	G-AM771H-MT	G-AM775H-MT	G-AM771H-MT-I/2
400W MH	480	G-AM771H-48	G-AM775H-48	G-AM771H-48-I/2
Pulse Start Metal Halide				
200W PSMH	120-277◊	G-AM2071P-MT	G-AM2075P-MT	G-AM2071P-MT-I/2
200W PSMH	480	G-AM2071P-48	G-AM2075P-48	G-AM2071P-48-I/2
250W PSMH	120-277◊	G-AM671P-MT	G-AM675P-MT	G-AM671P-MT-I/2
250W PSMH	480	G-AM671P-48	G-AM675P-48	G-AM671P-48-I/2
320W PSMH	120-277◊	G-AM3271P-MT	G-AM3275P-MT	G-AM3271P-MT-I/2
320W PSMH	480	G-AM3271P-48	G-AM3275P-48	G-AM3271P-48-I/2
400W PSMH	120-277◊	G-AM771P-MT	G-AM775P-MT	G-AM771P-MT-I/2
400W PSMH	480	G-AM771P-48	G-AM775P-48	G-AM771P-48-I/2
Mercury Vapor				
175W MV	120-277◊	G-AM571M-MT	G-AM575M-MT	G-AM571M-MT-I/2
175W MV	480	G-AM571M-48	G-AM575M-48	G-AM571M-48-I/2
250W MV	120-277◊	G-AM671M-MT	G-AM675M-MT	G-AM671M-MT-I/2
250W MV	480	G-AM671M-48	G-AM675M-48	G-AM671M-48-I/2
400W MV	120-277◊	G-AM771M-MT	G-AM775M-MT	G-AM771M-MT-I/2
400W MV	480	G-AM771M-48	G-AM775M-48	G-AM771M-48-I/2

NOTE: For Zone 2 Areamaster™ 250/400, See Catalog Section F1.

◊ Ballast has primary taps for 120V, 208V, 240V, and 277V. ‡Slip-fits 2" or 2-1/2" pipe-size tenons. ♦ Add suffix E to catalog number if provision for quartz emergency lamp is desired. Furnished with socket installed and pre-wired. * Quartz emergency lamp not available for Class I, Div. 2 fixtures. Classified duty floodlights have 1/2" N.P.T tapped hub for power entry. Use 105° supply wire. Ⓢ For Hot Restrike Option, add suffix -R.

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Applications

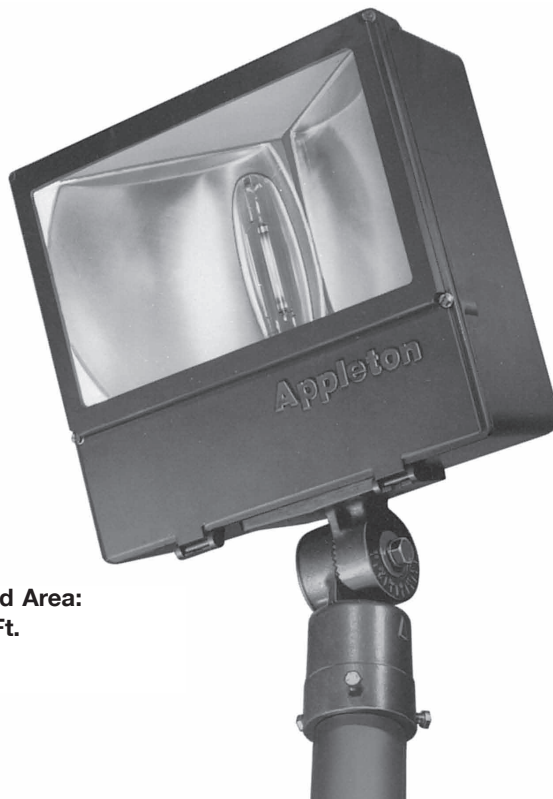
- Powerful, efficient weatherproof lighting for medium and large areas such as shopping malls, parking lots, sports areas, new-car lot lighting, security lighting and industrial process lighting.

Features

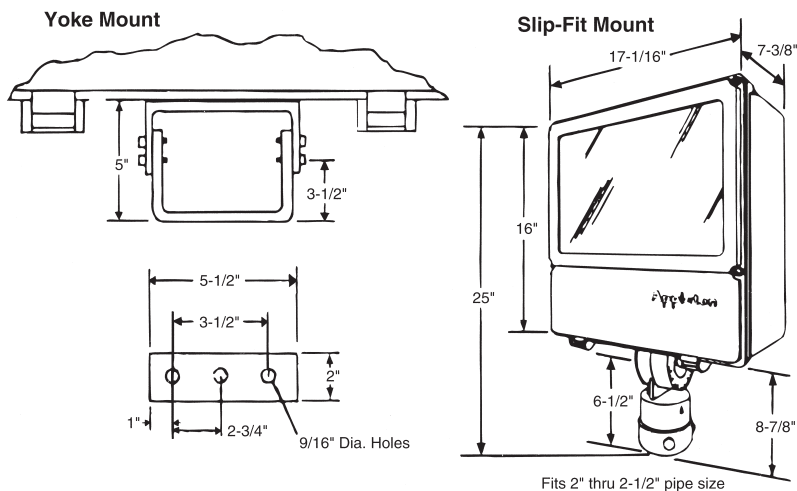
- Compact in size, attractively styled contemporary design, rugged and dependable.
- Easy to install and service.
- Integral ballast; choice of multi-tap for 120, 208, 240, or 277V lines, or for 480 lines.
- Housing: one-piece pressure-cast copper-free aluminum with architectural bronze POLYESTER finish.
- Lens door: one-piece pressure-cast copper-free aluminum with architectural bronze POLYESTER finish. Secured by four 1/4" Dia. captive stainless steel slotted hex-head bolts.
- Lens: thermal-shock and 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, Alzak® finished aluminum for optimum efficiency.
- Mounting choice: (1) Yoke mount, zinc plated steel yoke with architectural bronze POLYESTER finish. (2) Pole mount, built-in slip-fitter, for internal wiring. Adjustable laterally and vertically, slip-fits 2" or 2 1/2" pipe. Architectural bronze POLYESTER finish.
- Cool operating temperatures for Class I, Division 2 fixtures translate into long luminaire life.

Compliances

- UL Standard 1598A.
- UL Standard 844.
- Marine type electric fixtures, outside type (salt water).
- Appleton aluminum products are produced from a high strength copper-free (4/10 of 1% max.) alloy.



Projected Area:
1.9 Sq. Ft.



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