

MS 250-400-1000 SERIES

HEAVY DUTY FLOODLIGHT



DESCRIPTION: The *MS250/400/1000 Series* fixture is Marine rated for Outside Saltwater and Hazardous Class 1 Div. 2 environments. The heavy-duty construction ensures its durability for rough Marine and Industrial applications, while remaining an excellent choice for Architectural flood lighting where durability is advantageous. Pulse Start Metal Halide or High Pressure Sodium ballasts are integral to the fixture.

SPECIFICATIONS

Construction: Fixture head, door assembly and mounting brackets are marine-grade wrought or extruded aluminum alloy. Optional galvanized steel mounting brackets are available for severe service environments requiring additional strength for the mounting. High temperature silicone EPDM gaskets prevent entrance of moisture or dust.

Hardware: All external hardware is stainless steel to resist harsh environments.

Lamp Type and Wattage: Mogul screw base lamps. E or ED18 for 250 & 400 watt lamps and E25 or BT37 for 1000 watt lamps. Lamp socket is heat resistant porcelain, and a lamp stabilizer provides added support to the lamps to reduce premature failure resulting from vibration and impact.

Lens: Tempered glass to resist heat and thermal shock.

Finish: White thermoset powder coat is standard. Bronze thermoset powder coat option available.

Mounting Accessories: Horizontal or vertical mounting kits. **Needed for complete installation.**

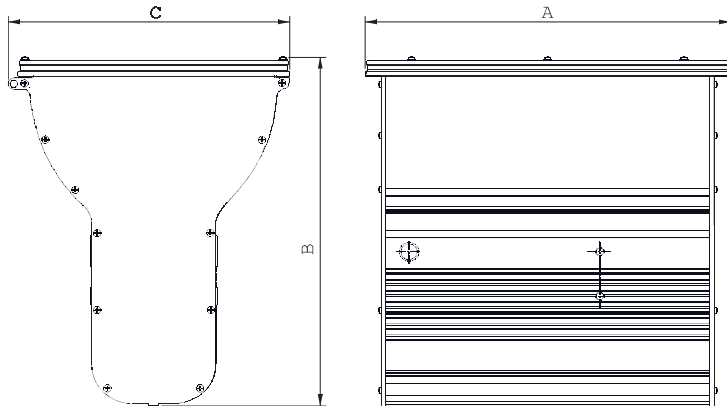
COMPLIANCES

UL 1598 Listed - Suitable for Wet Locations

UL 1598A Listed - Marine/Electric Fixture/Outside Type (Saltwater)

UL 844 Listed - Hazardous Locations
Class 1 Div. 2 Groups A,B,C & D
Max. temperature 385°C for 400W
HPS, 510°C for 400W PSMH, 475°C for
1000W HPS, 415°C for 1000W MH

CSA Certified - Enclosure type 4, Hazardous Location
Class 1 Div. 2 Groups A,B,C & D



	MS 250/400	MS 1000
A	15.7" (39.878cm)	22.8" (57.912cm)
B	15.8" (40.132cm)	20.8" (52.832cm)
C	12.2" (30.988cm)	19.1" (48.514cm)

FIXTURE WEIGHT	LBS.	KG
MS 250	38	17.2
MS 400	42	19
MS 1000 HPS	80	36.2
MS 1000 MH	77	34.9



PHOTOMETRICS

Contact Phoenix Products Company for Photometric Information
Or visit our website at www.phoenixproducts.com

ORDERING INFORMATION

	SERIES	WATT/TYPE	VOLTAGE	FINISH <small>(White Standard)</small>
<i>example:</i>	MS	250MH	QV	WHT
		250PSMH 400PSMH 1000MH 200HPS 400HPS 1000HPS	QV 480V 440V* 220/50	WHT BRZ

VOLTAGE

QV = Quad Volt 120/208/220/277 60 Hz - Standard
480V = 480 Volt 60 Hz
440V = 440 Volt 60 Hz*
220/50 = 220 Volt 50 Hz

FINISH (White Standard)

WHT = White
BRZ = Bronze

* Only available on 400HPS

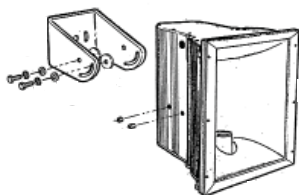
LAMPING DATA (Lamps not Included)

DESCRIPTION	LAMP TYPE	WATTS
Pulse Start/ Metal Halide	E or ED18	250
	E or ED18	400
	E25 or BT37	1000
High Pressure Sodium	E or ED18	250
	E or ED18	400
	E25 or BT37	1000

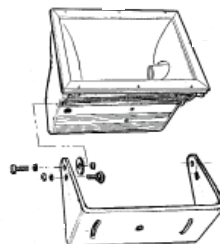
ACCESSORIES

Required for complete installation

VERTICAL MOUNTING KITS	MS 250/400	MS 1000
White Painted (Standard)	1090001	1090001
Bronze Painted (Architectural)	1090011	1090011
Galvanized Steel (Rough Service)	1085900	1085900
HORIZONTAL MOUNTING KITS		
White Painted (Standard)	1090002	1090010
Bronze Painted (Architectural)	1090013	1090012
Galvanized Steel (Rough Service)	1086000	1086102
WING SCREW KIT		
Wing Screw Kit (Replaces Slotted Screws)	1086101	1086101



Vertical Mount



Horizontal Mount

N5610029D

PHOENIX

Durability by Design

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