

PHOENIX

MS HID SERIES HEAVY - DUTY FLOODLIGHT



Applications

- Architectural Wall Washing
- Architectural Accent Lighting
- Workboat Deck Lighting
- Seaside Environments

Phoenix Sample Specification — MS HID SERIES

Integrally ballasted floodlight. Accepts 35, 50, 70, 100, or 150 watt high pressure sodium, or 70 watt (120v) and 100 watt (277v) metal halide lamps. UL Listed. Meets Standard 595 - Suitable for Wet Locations Marine Outside Type Saltwater. Meets Standard 844 - Hazardous Location - Class I, Div. 2 (Groups A,B,C,D) (elevated ambient 40° C). Meets Standard 1572 Outside Wet Location. U.S. Coast Guard Accepted. CSA Certified - Wet Location Enclosure Type 4X. Copper-free aluminum housing with heat dissipation fins and thermoset powder-coated finish. Captive stainless steel fasteners. High purity anodized aluminum reflector. EPDM gasketed housing. Tempered glass lens. Heat resistant porcelain sockets are adjustable for two different beam patterns. Specify mounting kit for a complete installation: horizontal or vertical harp mounting kits; horizontal or vertical mast fitter mounting kit.

PHOENIX ... DURABILITY BY DESIGN

SPECIAL FEATURES

- Marine rated integrally ballasted, low wattage HID floodlight fits nearly anywhere light is needed
- UL 844 Listed - Class I, Division 2 Suitable for Hazardous Locations
- Lamp sockets are adjustable to provide either a narrow or wide beam pattern
- High purity specular anodized aluminum reflector provides excellent beam intensity
- Rugged, extruded copper-free aluminum housing has heat dissipation fins for cooler operation and longer life
- Can be mounted vertically or horizontally for positioning flexibility

DURABILITY

- Copper-free aluminum hinged door with stainless steel hardware provides easy access for relamping
- Heat resistant porcelain sockets promote extended fixture life
- Captive stainless steel fasteners resist tough marine environments
- Tempered glass cover lens with molded EPDM gasketing, stands up to heat, shock, and weathering for longer fixture life
- Thermoset powder-coated finish provides added protection against salt water and corrosion

ACCESSORIES

- Horizontal Harp Mount Kit
- Vertical Harp Mount Kit
- Mast Fitter Mount Kit
- Wing Nut Kit
(all kits must be ordered separately)

MS HID SERIES

HEAVY - DUTY FLOODLIGHT

ORDERING INFORMATION

Model (watts - lamp type - options)	Phoenix Part No.
MS 35HPS	1018601
MS 50HPS	1018602
MS 70HPS	1018603
MS 100HPS	1018604
MS 150HPS	1018605
MS 70MH	1018607
MS 100MH - 277v	1018606

Accessories:

Accessory	Phoenix Part No.
Horizontal Harp Mounting Kit	1084000
Vertical Harp Mounting Kit	1083900
Mast Fitter Mounting Kit	1083600
Wing Nut Kit (replaces screws)	1086102

Lamping Data:

Medium Screw Base Lamps			NEMA	Max. Beam
When ordering lamps, reference Phoenix Part Numbers			Rating	Candlepower
Lamp Type	Watts	Phoenix Part No.	Narrow / Wide	Narrow / Wide
High Pressure Sodium	35	4212200	n/a	n/a
High Pressure Sodium	50	4211300	5 x 3 / 6 x 5	7,283 / 3,765
High Pressure Sodium	70	4212600	5 x 3 / 6 x 6	10,024 / 5,394
High Pressure Sodium	100	4212700	5 x 4 / 5 x 4	14,543 / 12,652
High Pressure Sodium	150	4212800	5 x 3 / 5 x 4	28,978 / 22,793
Metal Halide E-18	70	procure locally	n/a	n/a
Metal Halide E-18	100	procure locally	5 x 4 / 5 x 5	10,722 / 9,365

TECHNICAL DATA

Wiring:

- NPSI tapped hole for 1/2" conduit

Dimensions:

- (depending on mounting options)
- Width: 11 7/16" (29.1 cm) to 14 1/4" (36.2 cm)
 - Height: 14 7/8" (37.8 cm) to 19 3/8" (49.2 cm)
 - Depth: 9 1/2" (24.1 cm)

Fixture Weight: 17 1/2 lbs. (7.9 kg)

Color:

- White

Photometric Data:

Complete photometric information is available on all Phoenix fixtures on a 3.5" PC-compatible disk. Includes data in I.E.S.N.A. format and a unique data report generator, which draws candela curves.

Please contact our customer service department for a FREE disk for your unlimited use.

Phone: (414) 438-1200
Fax: (414) 438-0213

COMPLIANCES



UL 595 Listed: Suitable for Wet Locations Marine Outside Type (Saltwater)

UL 1572 Listed: Outside Wet Location

UL 844 Listed: Hazardous Locations Class I, Division 2 Groups A,B,C,D Elevated Ambient 40° C
HPS: 450° C / MH: 325° C

U.S. Coast Guard Accepted



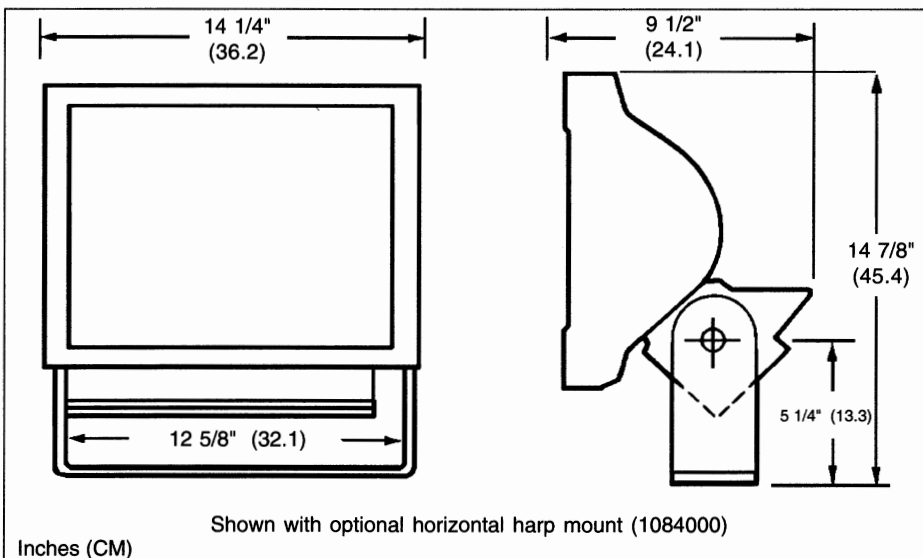
CSA Certified: Suitable for Wet Locations Enclosure 4X

Type

Catalog Number

_____	_____
_____	_____
_____	_____

N-5605500B



PHOENIX

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