

Haz

HazFlood Goliath 2100/al



FEATURES

- 70-175w HID.
- Compact design for maximum mounting flexibility.
- Field replaceable, thermal shock resistant tempered glass lens.
- High temperature silicone gasket provides a watertight seal.
- Tool less entry via eight positive locking stainless steel latches.
- Captive lens frame with stainless steel door retainers for easy lamp replacement.
- Optional safety cable attachment points.
- Remote ballast available.
- Tested and approved over 180° aiming range, enabling face up through face down mounting.
- Wide NEMA 7 x 6 beam spread.
- Optional vibration resistant lamp holder.
- Choice of mounting arrangements in surface, pole, right angle and crane boom (via a modified housing).

APPLICATIONS

- Hazardous locations
- Marine and watertight requirements
- Oil and gas exploration and production
- Petrochemical facilities
- Waste water treatment plants
- Pulp and paper production
- Corrosive environments
- Façade security lighting

APPROVALS

- Class I Division 2 Groups A, B, C & D
- Class I Zone 2 Groups IIA, IIB, IIB + H2 & IIC
- Type 4X
- Conforms to IP66
- Marine Outside Type Saltwater
- ABS

STANDARDS

- UL 844 - Hazardous Locations
- UL 1598A - Luminaire for Marine Vessels
- CSA - C22.2 No. 137-M1981

TECHNICAL SPECIFICATIONS

HOUSING

Copper free aluminum with an electrostatically applied white polyester powder coat finish.

WIND RATING

EPA - 2.24 at vertical.

LENS FRAME

Type 316 stainless steel.

MOUNTING BRACKETS

Type 316 stainless steel trunnion mount. Please see SPARE PARTS for additional selections.

REFLECTORS

Hammertone aluminum.

ENTRIES

One ¼" NPT.

LENS

Tempered glass.

BALLAST

Standard: Multi-tap 120/208/240/277v 60 Hz.

Optional: 220v, 347v, or 480v 60Hz, and 220v or 240v 50Hz.

Optional: Remote ballast suitable for use up to 50 feet from luminaire.

GASKET

One piece silicone.

GUARD

Optional, type 316 stainless steel.

VISOR

Optional, top or top and side, copper free aluminum with an electrostatically applied white polyester powder coat finish.

LAMP HOLDER

Mogul base, porcelain.

LAMP TYPES

High Pressure Sodium, Metal Halide* and Pulse Start Metal Halide. Luminaires supplied without lamps.

*Not available in the U.S.

ORDERING REFERENCES

| PART NUMBER | LAMP TYPE | WATTAGE | WEIGHT LBS | ANSI LAMP TYPE | T-CODE | AMBIENT TEMP | SUPPLY WIRE TEMP |
|-------------|--------------------------|---------|------------|----------------|--------|--------------|------------------|
| NHIDLA7IB | High Pressure Sodium | 70w | 21.0 | S62 | T2B | 40°C | 110°C |
| NHIDLA1IB | High Pressure Sodium | 100w | 23.0 | S54 | T2B | 40°C | 110°C |
| NHIDLA15IB | High Pressure Sodium | 150w | 24.0 | S55 | T2B | 40°C | 110°C |
| NHIDHA17IB* | Metal Halide | 175w | 25.0 | M57 | T2B | 40°C | 125°C |
| NHIDPA15IB | Pulse Start Metal Halide | 150w | 24.0 | M102 | T2B | 40°C | 110°C |
| NHIDPA17IB | Pulse Start Metal Halide | 175w | 25.0 | M152 | T2B | 40°C | 125°C |

*Not available in the U.S.

SPECIAL OPTIONS

- F - Fused Ballast (Not for marine use)
- IR - Instant Restrike (High Pressure Sodium only)
- W* - Dual Safety Cable Attachment Points
- 225 - 220v 50Hz
- 226 - 220v 60Hz
- 245 - 240v 50Hz
- 346 - 347v 60Hz
- 486 - 480v 60Hz

- RB* - Remote Ballast
- SP - Vibration Resistant Lamp Holder
- G* - Stainless Steel Guard
- CB* - Crane Boom Modified Housing (Includes option SP)
- TV* - Top Visor
- SV* - Top and Side Visor

*Cannot be field installed, specify at order placement.

SPARE PARTS

| Part No. | Description | Part No. | Description |
|----------|--|------------|---|
| INX5087 | BALLAST, High Pressure Sodium 70w | INX4100 | LAMP HOLDER |
| INX5014 | BALLAST, High Pressure Sodium 100w | INX2152 | LENS |
| INX5015 | BALLAST, High Pressure Sodium 150w | GKT6089-49 | GASKET |
| INX5022 | BALLAST, Metal Halide 175w | INX7007A | MOUNTING, Surface Aluminum |
| INX5263 | BALLAST, Pulse Start Metal Halide 150w | INX7007SS | MOUNTING, Surface Stainless Steel |
| INX5244 | BALLAST, Pulse Start Metal Halide 175w | INX7006A | MOUNTING, Pole Aluminum |
| INX3662 | LAMP, High Pressure Sodium 70w | INX7006SS | MOUNTING, Pole Stainless Steel |
| INX3535 | LAMP, High Pressure Sodium 100w | INX7091 | MOUNTING, Pole Stainless Steel (No cable feed thru) |
| INX3651 | LAMP, High Pressure Sodium 150w | INX7058S | MOUNTING, Right Angle |
| INX3551 | LAMP, Metal Halide 175w | INX7001 | MOUNTING, Crane Boom (Requires crane boom housing) |
| INX3744 | LAMP, Pulse Start Metal Halide 150w | SC30H | SAFETY CABLE, 48" Stainless Steel, Snap Hook |
| INX3732 | LAMP, Pulse Start Metal Halide 175w | | |

DIMENSIONS

