

# Haz

## HazFlood Goliath 2110/al



### FEATURES

- 250-400w HID.
- 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.
- Very wide NEMA 7 x 7 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 - 3.62 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 3/4" 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
NHIDLA25IB	High Pressure Sodium	250w	32.0	S50	T1	25°C	125°C
NHIDLA4IB	High Pressure Sodium	400w	35.0	S51	T1	25°C	125°C
NHIDHA25IB*	Metal Halide	250w	31.0	M58	T1	25°C	125°C
NHIDHA4IB*	Metal Halide	400w	35.0	M59	T1	25°C	125°C
NHIDPA25IB	Pulse Start	250w	32.0	M153	T1	25°C	125°C
NHIDPA4IB	Pulse Start Metal Halide	400w	36.0	M155	T1	25°C	125°C

\*Not available in the U.S.

## SPECIAL OPTIONS

- |  |  |
|--|--|
| F - Fused Ballast (Not for marine use)   | RB* - Remote Ballast                                   |
| W* - Dual Safety Cable Attachment Points | SP - Vibration Resistant Lamp Holder                   |
| -225 - 220v 50Hz                         | G* - Stainless Steel Guard                             |
| -226 - 220v 60Hz                         | CB* - Crane Boom Modified Housing (Includes option SP) |
| -245 - 240v 50Hz                         | TV* - Top Visor  |
| -346 - 347v 60Hz                         | SV* - Top and Side Visor                               |
| -486 - 480v 60Hz                         |  |

\*Cannot be field installed, specify at order placement.

## SPARE PARTS

Part No.	Description
INX5021	BALLAST, High Pressure Sodium 250w
INX5019	BALLAST, High Pressure Sodium 400w
INX5102	BALLAST, Metal Halide 250w
INX5033	BALLAST, Metal Halide 400w
INX5245	BALLAST, Pulse Start Metal Halide 250w
INX5246	BALLAST, Pulse Start Metal Halide 400w
INX3546	LAMP, High Pressure Sodium 250w
INX3517	LAMP, High Pressure Sodium 400w
INX3541	LAMP, Metal Halide 250w
INX3524	LAMP, Metal Halide 400w
INX3733	LAMP, Pulse Start Metal Halide 250w
INX3734	LAMP, Pulse Start Metal Halide 400w
INX4004	LAMP HOLDER, HPS, PSMH
INX4100	LAMP HOLDER, MH
INX2153	LENS
INX9061	LENS FRAME WITH GUARD
INX1065	GUARD
GKT6089-65	GASKET
INX7007A	MOUNTING, Surface Aluminum
INX7007SS	MOUNTING, Surface Stainless Steel
INX7006A	MOUNTING, Pole Aluminum
INX7006SS	MOUNTING, Pole Stainless Steel
INX7091	MOUNTING, Pole Stainless Steel (No cable feed thru)
INX7058S	MOUNTING, Surface Aluminum
INX7001	MOUNTING Crane Boom, (Requires crane boom housing)
SC30H	SAFETY CABLE, 48" Stainless Steel, Snap Hook

## DIMENSIONS

