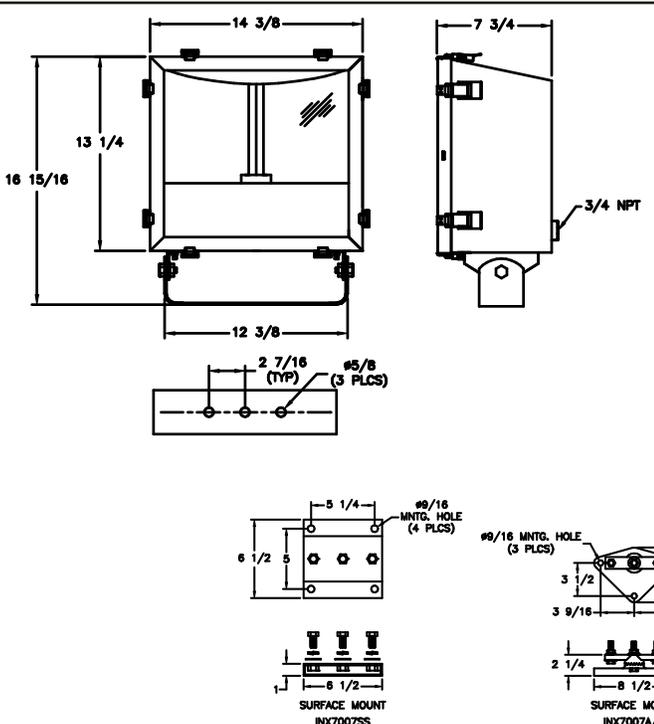




## FEATURES

- Available in High Pressure Sodium 70-175w, Metal Halide 175 and Mercury Vapor 100-175w.
- Corrosion resistant housing in type 316 stainless steel or copper free aluminum.
- Compact design for maximum mounting flexibility.
- Tool less entry via eight positive locking stainless steel latches with a one-piece high temperature silicone gasket provide a watertight seal.
- Field replaceable lens and gasket.
- Supplied with an HPF 120/208/240/277v AC 60Hz multi-tapped ballast allowing voltage versatility. Also available in 480v 60Hz.
- Choice of mounting arrangements in surface, pole, right angle and crane boom (via a modified housing).
- 5 year warranty.

## DIMENSIONS



## APPROVALS

- UL 844 - Hazardous Locations  
 Class I Divisions 2 Groups A, B, C & D  
 Class I Zone 2 Groups IIA, IIB, IIB + H2 and IIC
- UL 1598A - Marine Outside Type Saltwater
- Type 4X
- cULus
- ABS
- Conforms to IP 66

## APPLICATIONS

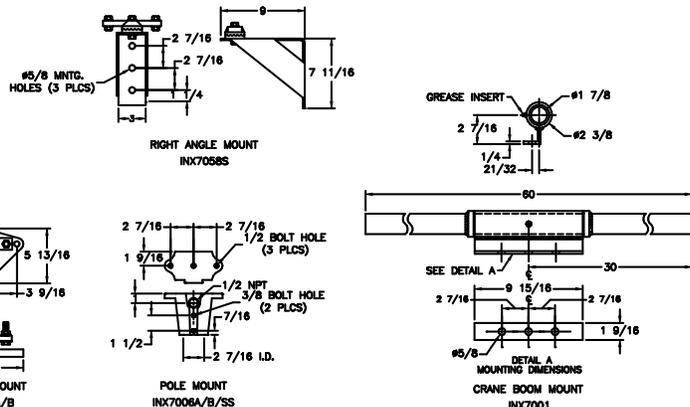
- Hazardous locations
- Offshore oil and gas exploration and production
- Petrochemical
- Water treatment
- Pulp and paper processing
- Corrosive Environments
- Marine and wet environments
- Salt and potash mines

## OPTIONS

To obtain a luminaire with any of the options listed below, please add the following suffix to the part number (not all options can be combined):

- |  |       |
|--|-------|
| ▼ Auxiliary Quartz Light (light continuator)       | LC*   |
| ▼ Fused Ballast                                    | F**   |
| ▼ Instant Restrike (High Pressure units only)      | IR*** |
| ▼ Dual Safety Cable Attachment Points              | W     |
| ▼ 220v 50Hz  | -225  |
| ▼ 220v 60Hz  | -226  |
| ▼ 245v 40Hz  | -245  |
| ▼ 480v 60Hz  | -486  |
| ▼ Remote Ballast                                   | RB    |
| ▼ Vibration Resistant Lamp and Lampholder          | SP    |
| ▼ Crane Boom Modified Housing (includes option SP) | CB    |
| ▼ Stainless steel guard                            | GRD   |

\* For marine use only.  
 \*\* Not for marine applications.  
 \*\*\*HPS only.





**LUMINAIRE TECHNICAL SPECIFICATIONS**

**HOUSING AND LENS FRAME**

Type 316 stainless steel with a natural finish or copper free aluminum with a white oven-cured polyester powder coat protective finish. Lens frame is stainless steel on all types.

**MOUNTING BRACKETS**

Heavy duty type 316 stainless steel trunnion mount.

**REFLECTORS**

Highly specular hammer tone aluminum.

**OUTLETS**

One 3/4" NPT outlet as standard.

**LENS**

High impact, thermal and shock resistant tempered glass. The lens is field replaceable.

**BALLAST**

A multi-tapped offering 120/208/240/277v AC 60 Hz is standard. Optional remote ballast suitable for use up to 75 feet from luminaire is available. See options for other voltages and frequencies.

**LAMP TYPE**

Available in mogul base High Pressure Sodium (HPS), Mercury Vapor (MV), which operate from -40° F, and Metal Halide (MH), which operates from -20° F. Luminaires are supplied without lamps.

**GASKET**

A one-piece high temperature silicone gasket provides a watertight seal between the lens and housing. The gasket is field replaceable.

**GUARD**

Optional stainless steel guard available.

**ORDERING REFERENCES**

HID LUMINAIRES							
	TYPE	STAINLESS STEEL	WT (lbs)	TEMPERATURE CODE	ALUMINUM	WT (lbs)	TEMPERATURE CODE
<b>HIGH PRESSURE SODIUM</b>	70w	NHIDLS7IB	23.0	T2B	NHIDLA7IB	21.0	T2B
	100w	NHIDLS1IB	25.0	T2B	NHIDLA1IB	23.0	T2B
	150w	NHIDLS15IB	27.0	T2B	NHIDLA15IB	24.0	T2B
<b>MERCURY VAPOR</b>	100w	NHIDMS1IB	24.0	T2B	NHIDMA1IB	22.0	T2B
	175w	NHIDMS17IB	26.0	T2B	NHIDMA17IB	23.0	T2B
<b>METAL HALIDE</b>	100w	NHIDHS1IB	28.0	T2B	NHIDHA1IB	26.0	T2B
	175w	NHIDHS17IB	29.0	T2B	NHIDHA17IB	27.0	T2B

SPARE PARTS			
<b>BALLASTS</b> High Pressure Sodium 70w INX5087 100w INX5014 150w INX5015 Mercury Vapor 100w INX5013 175w INX5012 Metal Halide 100w INX5133 175w INX5022	<b>LAMPS</b> High Pressure Sodium 70w INX3662 100w INX3535 150w INX3651 Mercury Vapor 100w INX3538 175w INX3539 Metal Halide 100w INX3736 175w INX3551	<b>LENS</b>	INX2152
		<b>GASKET</b>	GKT6089-49
		<b>LAMP HOLDERS</b>	
		High Pressure Sodium	INX4100
		Mercury Vapor	INX4100
		Metal Halide	INX4100
		<b>MOUNTING OPTIONS</b>	
		Surface Aluminum	INX7007A
		Surface Stainless Steel	INX7007SS
		Pole Aluminum	INX7006A
		Pole Stainless Steel	INX7006SS
		Right Angled	INX7058S
Crane Boom*	INX7001		

\*Requires Crane Boom Housing