

# Haz

## HazCor Optima 1100/ss



### FEATURES

- The only stainless steel HID solution available.
- Tool less entry via four stainless steel positive locking latches.
- High temperature silicone gaskets provide a watertight seal.
- Ceiling, pendant, stanchion or wall mount types.
- Field replaceable globe and gaskets.
- Shallow dome reflector available.

### APPLICATIONS

- Low bay
- Hazardous locations
- Marine & watertight requirements
- Oil and gas exploration and production
- Petrochemical facilities
- Waste water treatment plants
- Pulp and paper production
- Aluminum processing facilities
- Salt and potash mines
- Pharmaceutical & additives formulation & processing
- Corrosive environments

### 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 - Luminaires for Marine Vessels
- CSA - C22.2 No. 137-M1981

### TECHNICAL SPECIFICATIONS

#### HOUSING AND MOUNTS

Type 316 stainless steel.

#### GLOBE RETAINING RING

Stainless steel.

#### LATCHES

Stainless steel, over the center cam.

#### GLOBE

Clear polycarbonate or Type V distribution, prismatic polycarbonate.

#### REFLECTOR

Optional shallow dome acrylonitrile butadiene styrene (ABS), gloss white.

#### MOUNTINGS

Ceiling, pendant, stanchion and wall.

#### ENTRIES

$\frac{3}{4}$ " or 1" NPT outlets, stanchion  $1\frac{1}{4}$ " or  $1\frac{1}{2}$ ".

#### GASKETS

One piece silicone.

#### BALLAST

120/208/240/277v 60Hz multi-tap ballast or 480v 60Hz. 50Hz ballasts optional.

#### LAMP TYPE

Luminaires are supplied without lamps.

| Lamp Type/<br>Mogul Base | Wattage | ANSI<br>Code | T-Code  | Ambient<br>Temp | Supply<br>Wire Temp |
|--------------------------|---------|--------------|---------|-----------------|---------------------|
| HPS                      | 50      | S68          | T2D/T2C | 40/55°C         | 65/75°C             |
| HPS                      | 70      | S62          | T2D/T2C | 40/55°C         | 65/75°C             |
| HPS                      | 100     | S54          | T2D/T2C | 40/55°C         | 65/75°C             |
| MH                       | 100     | M90          | T2B     | 40°C            | 105°C               |

## ORDERING REFERENCES

LXS

P3

X

10

MT

L

- 1. Lamp Type**  
 LXS - High Pressure Sodium  
 MHS - Metal Halide
- 2. Mounting Type & Outlets**  
 B2 - 1" Wall Mount 2 Way  
 B3 - 3/4" Wall Mount 2 Way  
 B4 - 3/4" Wall Mount 4 Way  
 B5 - 1" Wall Mount 4 Way  
 C2 - 1" Ceiling Mount 2 Way  
 C3 - 3/4" Ceiling Mount 2 Way  
 C4 - 3/4" Ceiling Mount 4 Way  
 C5 - 1" Ceiling Mount 4 Way  
 P1 - 1" Pendant Mount  
 P3 - 3/4" Pendant Mount  
 S - 1 1/4" Stanchion Mount  
 S1 - 1 1/2" Stanchion Mount
- 3. Globes**  
 R - Polycarbonate Refractor Globe  
 X - Polycarbonate Clear Globe
- 4. Wattage**  
 50 - 50w (LXS)  
 70 - 70w (LXS)  
 10 - 100w
- 5. Voltage**  
 MT - 120/208/240/277v 60Hz Multi-tap  
 48 - 480v 60Hz  
  
 Note: For 50Hz ballast consult factory.
- 6. Special Options**  
 IR\* - Instant Restrike  
 F\*\* - Fused Ballast  
 L - Shallow Dome Reflector  
  
 \*High Pressure Sodium only  
 \*\*Not for marine application

## SPARE PARTS

| Part No.   | Description                          |
|------------|--------------------------------------|
| INX7050P1S | MOUNTING, Pendant 1"                 |
| INX7050P3S | MOUNTING, Pendant 3/4"               |
| INX7051C2S | MOUNTING, Ceiling 1" 2 Way           |
| INX7051C3S | MOUNTING, Ceiling 3/4" 2 Way         |
| INX7051C4S | MOUNTING, Ceiling 3/4" 4 Way         |
| INX7051C5S | MOUNTING, Ceiling 1" 4 Way           |
| INX7055SS  | MOUNTING, Stanchion 1 1/4"           |
| INX7055S1S | MOUNTING, Stanchion 1 1/2"           |
| INX7056B2S | MOUNTING, Wall 1" 2 Way              |
| INX7056B3S | MOUNTING, Wall 3/4" 2 Way            |
| INX7056B4S | MOUNTING, Wall 3/4" 4 Way            |
| INX7056B5S | MOUNTING, Wall 1" 4 Way              |
| INX5118    | BALLAST, High Pressure Sodium, 50w   |
| INX5116    | BALLAST, High Pressure Sodium, 70w   |
| INX5113    | BALLAST, High Pressure Sodium, 100w  |
| INX5135    | BALLAST, Metal Halide, 70w           |
| INX5133    | BALLAST, Metal Halide, 100w          |
| INX3687    | LAMP, High Pressure Sodium, 50w      |
| INX3662    | LAMP, High Pressure Sodium, 70w      |
| INX3535    | LAMP, High Pressure Sodium, 100w     |
| INX3683    | LAMP, Metal Halide, 70w              |
| INX3682    | LAMP, Metal Halide, 100w             |
| INX4100    | LAMP HOLDER                          |
| INX4567    | REFLECTOR, Shallow Dome              |
| INX2169    | GLOBE, Polycarbonate Refractor Globe |
| INX2181    | GLOBE, Polycarbonate Clear Globe     |

## DIMENSIONS

