

Haz

HazCor Optima 1100/al



FEATURES

- Tool less entry via four stainless steel positive locking latches.
- One-piece 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 and watertight requirements
- Oil and gas exploration and production
- Petrochemical facilities
- Waste water treatment plants
- Pulp and paper production
- 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

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

GLOBE RETAINING RING

Stainless steel.

LATCHES

Stainless steel, over the center cam.

GLOBE

Clear polycarbonate or Type V distribution, prismatic polycarbonate.

REFLECTORS

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

MOUNTINGS

Ceiling, pendant, stanchion and wall.

ENTRIES

3/4" or 1" NPT outlets, stanchion 1/4" or 1/2".

GASKETS

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/ Mogul Base	Wattage	ANSI Code	T-Code	Ambient Temp	Supply 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

*Not available in the U.S.

ORDERING REFERENCES

LXA

P3

X

10

MT

L

- 1. Lamp Type**
LXA - High Pressure Sodium
MHA - 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 (LXA)
70 - 70w (LXA)
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	Part No.	Description
INX7050P1A	MOUNTING, Pendant 1"	INX5116	BALLAST, High Pressure Sodium, 70w
INX7050P3A	MOUNTING, Pendant 3/4"	INX5113	BALLAST, High Pressure Sodium, 100w
INX7051C2A	MOUNTING, Ceiling 1" 2 Way	INX5135	BALLAST, Metal Halide, 70w
INX7051C3A	MOUNTING, Ceiling 3/4" 2 Way	INX5133	BALLAST, Metal Halide, 100w
INX7051C4A	MOUNTING, Ceiling 3/4" 4 Way	INX3687	LAMP, High Pressure Sodium, 50w
INX7051C5A	MOUNTING, Ceiling 1" 4 Way	INX3662	LAMP, High Pressure Sodium, 70w
INX7055SA	MOUNTING, Stanchion 1 1/4"	INX3535	LAMP, High Pressure Sodium, 100w
INX7055S1A	MOUNTING, Stanchion 1 1/2"	INX3683	LAMP, Metal halide, 70w
INX7056B2A	MOUNTING, Wall 1" 2 Way	INX3682	LAMP, Metal Halide, 100w
INX7056B3A	MOUNTING, Wall 3/4" 2 Way	INX4100	LAMP HOLDER
INX7056B4A	MOUNTING, Wall 3/4" 4 Way	INX4567	REFLECTOR, Shallow Dome
INX7056B5A	MOUNTING, Wall 1" 4 Way	INX2169	GLOBE, Polycarbonate Refractor Globe
INX5118	BALLAST, High Pressure Sodium, 50w	INX2181	GLOBE, Polycarbonate Clear Globe

DIMENSIONS

