HID XP2 SERIES

EXPLOSION PROOF LIGHTING

DATE: _____ PROJECT MGR: _____

JOB: _____

PN: _____

APPLICATIONS

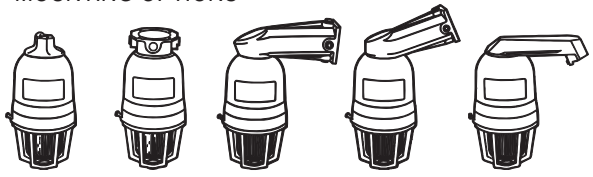
Paint Spray Booths
Grain Elevators
Petrochemical Plants
Chemical Plants
Marine Applications
Hose-Down Locations
Laboratory Applications

The HID XP2 Series has a powder coat finish over a cast copper-free aluminum housing designed for explosive and hazardous environments. The product is available in HID lamp choice of HPS (high pressure sodium) (35 – 150 watts). This series is perfect for explosive and hazardous environments such as grain elevators, petrochemical plants, paint spray booths (100 watts max) and marine environments that call for Class I, Div. 1, Groups C and D, or Class II, Div. 1 and 2, Groups E, F and G, UL 844 and 1598A listings. The HID XP2 Series also has an assortment of options from reflector choices to globes and guards. Don't forget the UNIPAK® option that provides a fully assembled product for ease of installation!

SPECIFICATIONS

LISTINGS:	UL 844 CSA 22.2 No. 137.0 UL 1598A Marine Outside Class I D1 Groups C,D T rating see chart Class II D1 Groups E,F,G T rating see chart Class II D2 Groups E,F,G T rating see chart NEMA 4X
ELECTRICAL:	HPS (35 to 150 watts) Voltages: 120
HOUSING:	Cast copper-free aluminum with powder coated finish
REFLECTORS:	Choice of standard dome, angle reflectors.
GUARD:	Cast guard
MOUNTING:	Pendant Ceiling Wall Bulkhead Stanchion

MOUNTING OPTIONS



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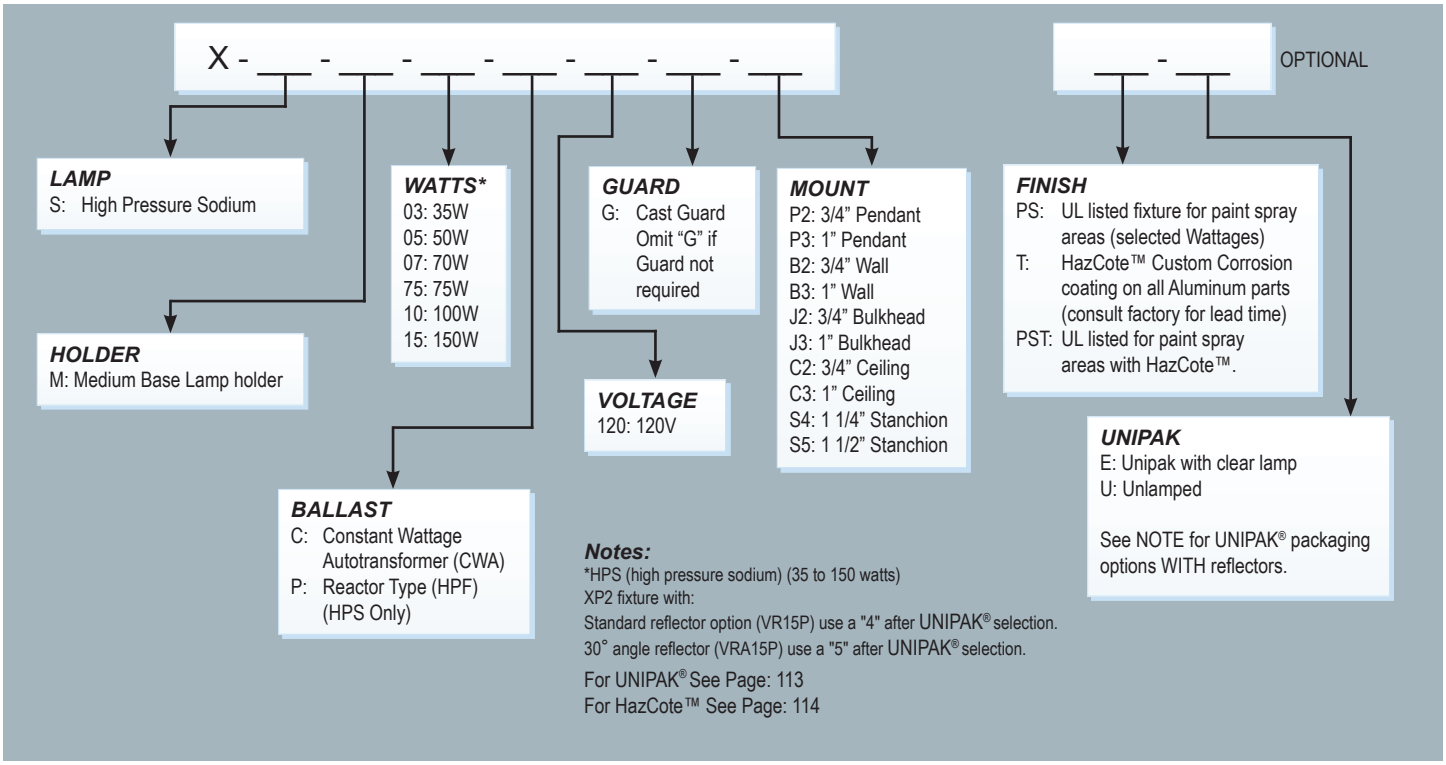
www.ldpi-inc.com



Notes:

*HPS (high pressure sodium) (35 to 150 watts)
XP2 fixture with:
Standard reflector option (VR15P) use a "4" after UNIPAK® selection.
30° angle reflector (VRA15P) use a "5" after UNIPAK® selection.

For UNIPAK® See Page: 113
For HazCote™ See Page: 114

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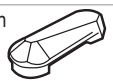
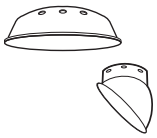
OUTLET BOXES

Mounting Style		Hub Size	Cat. No.
Pendant		3/4"	XP2
		1"	XP3
Ceiling		3/4"	XC2
		1"	XC3
Wall		3/4"	XB2
		1"	XB3
Bulkhead		3/4"	XJ2
		1"	XJ3
Stanchion		1 1/4"	XS2
		1 1/2"	XS3

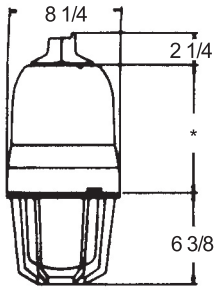
REFLECTORS	Cat. No.	Description
	VR15P	Standard dome Fiberglass reinforced polyester
	VRA15P	30° angle reflector Fiberglass reinforced polyester

NOTE: H2 or XP2 fixture with:
Standard reflector option (VR15P) use a "1" after UNIPAK® selection.
30° angle reflector (VRA15P) use a "2" after UNIPAK® selection.

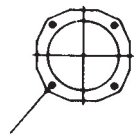
GUARDS	Cat. No.	Description
	XGU15	Cast aluminum, powder finish
	VRE22 VGE22	Exit sign: red or green

REPLACEMENT GLOBES	Cat. No.	Description
	XGSA15	Replacement globe assembly 35-150 watts

HID XP2 SERIES EXPLOSION PROOF DIMENSIONS

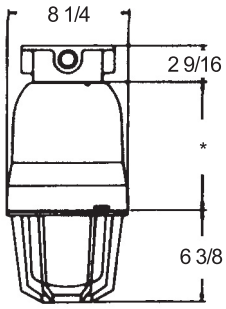


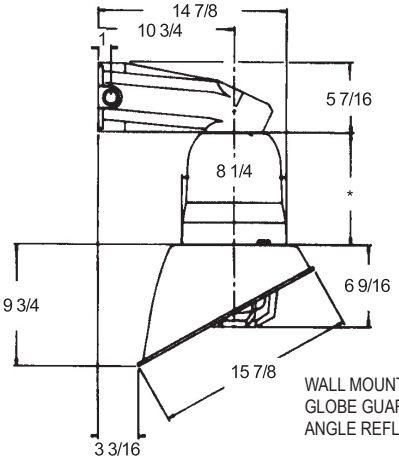
RIGID PENDANT WITH
GLOBE AND GUARD



FOUR 3/8" DIA.
HOLES ON A 6" DIA. B.C.

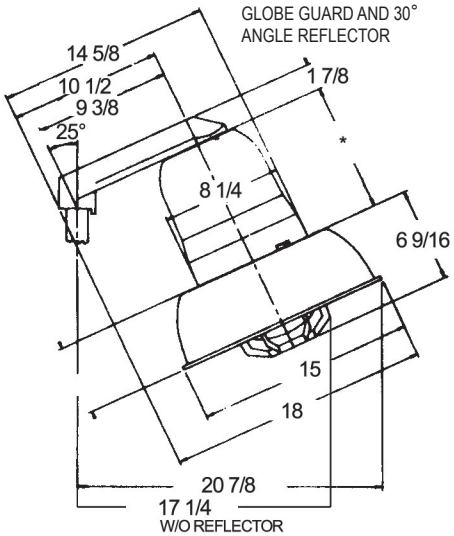
CEILING MOUNT WITH
GLOBE AND GUARD



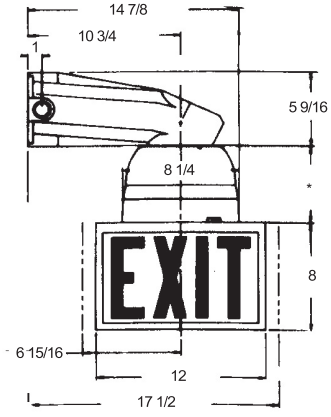


WALL MOUNT WITH
GLOBE GUARD AND 30°
ANGLE REFLECTOR

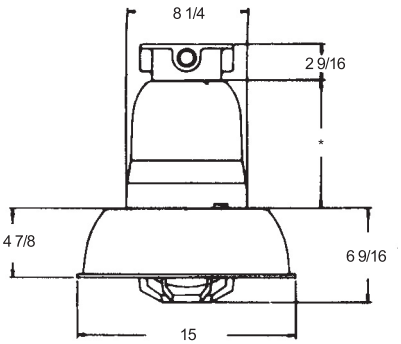
STANCHION MOUNT WITH
GLOBE GUARD AND 30°
ANGLE REFLECTOR



W/O REFLECTOR



WALL MOUNT WITH
GLOBE AND EXIT SIGN ACCESSORY



CEILING MOUNT WITH
GLOBE, GUARD AND
DOME REFLECTOR

* TANK DIM: HPS 9"
INCAN 7"

HID XP2 SERIES CERTIFICATION GUIDE (40°C AMBIENT)

FIXTURE TYPE	WATTS	CLASS I, DIV. 1 GROUPS C and D CLASS I, Div. 2, GROUPS A,B,C and D		CLASS II DIV. 1 and 2		CLASS III DIV. 1 and 2	NEMA 4X (Suitable for Hosedown)	UL 595 MARINE
		Rated Temp ° C	"T" No.	Rated Temp ° C	Groups			
HIGH PRESSURE SODIUM	35 § 50 § 70 § 100 § 150 +	85 85 100 120 135	T6 T6 T5 T4A T4	100 120 135 160 –	EFG EFG EFG EFG –	YES YES YES YES –	YES YES YES YES YES	YES YES YES YES YES
INCANDESCENT	100 150	100 120	T5 T4A	160 200	EFG EF	YES –	YES YES	YES YES

§ These fixtures suitable (UL listed) for use in paint spray areas.
+ UL listed at 25° C

NOTE REGARDING GLASS GLOBES AND REFRACTORS — All LDPI fixture assemblies shown in the catalog as UL listed and CSA certified for marine applications are suitable for hose-down when fixture is off and glass has been allowed to cool. Tempered glass globes and refractors have better thermal shock resistance properties than non-tempered globes and refractors and should be considered whenever fixtures are subject to being splashed with significantly cooler liquids while illuminated (hot). Consult factory for more information.

T - Number Table

T - Number	Maximum Temp. ° C	T - Number	Maximum Temp. ° C
T1	450	T3A	180
T2	300	T3B	165
T2A	280	T3C	160
T2B	260	T4	135
T2C	230	T4A	120
T2D	215	T5	100
T3	200	T6	85