



HID H2

HAZARDOUS LIGHTING

Chemical Processing • Industrial • Oil / Gas • Shipyards / Marine • Water Treatment

The H.I.D. H2 Series has a powder coat finish over a cast copper-free aluminum housing designed for hazardous environments. The product is available in wattages of 35 - 150W and H.I.D. lamp choices of MH (metal halide), HPS (high pressure sodium or incandescent). Perfect for a multitude of applications such as waste treatment facilities, steel mills or offshore platforms. The H.I.D. H2 Series also has an assortment of options from reflector choices to globes & guards.



1 SERIES	2 LAMP	3 HOLDER	4 WATTS	5 BALLAST
D: HID H2	S: High Pressure Sodium HP: Metal Halide (100W max) I: Incandescent	M: Medium Base Lamp holder	03: 35W 05: 50W 07: 70W 10: 100W 15: 150W (HPS only)	C: Constant Wattage Autotransformer (CWA) P: Reactor Type 0: Incandescent Lamp No Ballast Circuit
6 VOLTAGE	7 OPTICAL	8 MOUNT		
120: 120V	TG: Tempered Globe Only (VGL 15) TGL: Tempered Globe and Polymeric Guard TGC: Tempered Globe and Cast Guard R1: Type I (long and narrow) Glass Refractor R3: Type III (asymmetric) Glass Refractor R5: Type V (symmetric) Glass Refractor R1P: Type I Refractor and Polymeric Guard R3P: Type III Refractor and Polymeric Guard R5P: Type V Refractor and Polymeric Guard R5A: 8" Glass Refractor (Type V) GCG: Green Glass Globe	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Mount Options</p> <p style="text-align: center;">Ceiling Pendant</p> <p style="text-align: center;">Stanchion Wall</p> </div>		
9 FINISH	10 UNIPAK	11 FUSING	<p>Notes: H2 fixture with: Standard reflector option (VR15P) use a "1" after UNIPAK® selection. 30° angle reflector (VRA15P) use a "2" after UNIPAK® selection.</p>	
T: HazCote™ Custom Corrosion coating on all Aluminum parts (consult factory)	E: Unipak with Clear Lamp U: Unlamped See Notes for UNIPAK® packaging options WITH reflectors	F: Single Fuse Block with Fuse (HID only)		

LISTINGS

UL 844
CSA 22.2 No. 137.0
UL 1598A Marine Outside
Class I D2 Groups A,B,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
Class III D1 T rating see chart
Class III D2 T rating see chart
NEMA 4X
IP 66

ELECTRICAL

HPS (35 to 150 watts)
MH - pulse start (70 to 100 watts)
Incandescent (100 to 150 watts)
Voltages: 120

HOUSING

Cast copper-free aluminum with powder coated finish
Standard color beige

GUARD

Cast aluminum, polymeric

GLOBE

Prismatic glass, high resistant prismatic glass,
Type I, III or V IES refractor, green prismatic glass

REFLECTOR

Standard dome, 30° angle reflector, exit sign

MOUNTING

Rigid pendant, ceiling mount, wall mount, stanchion mount



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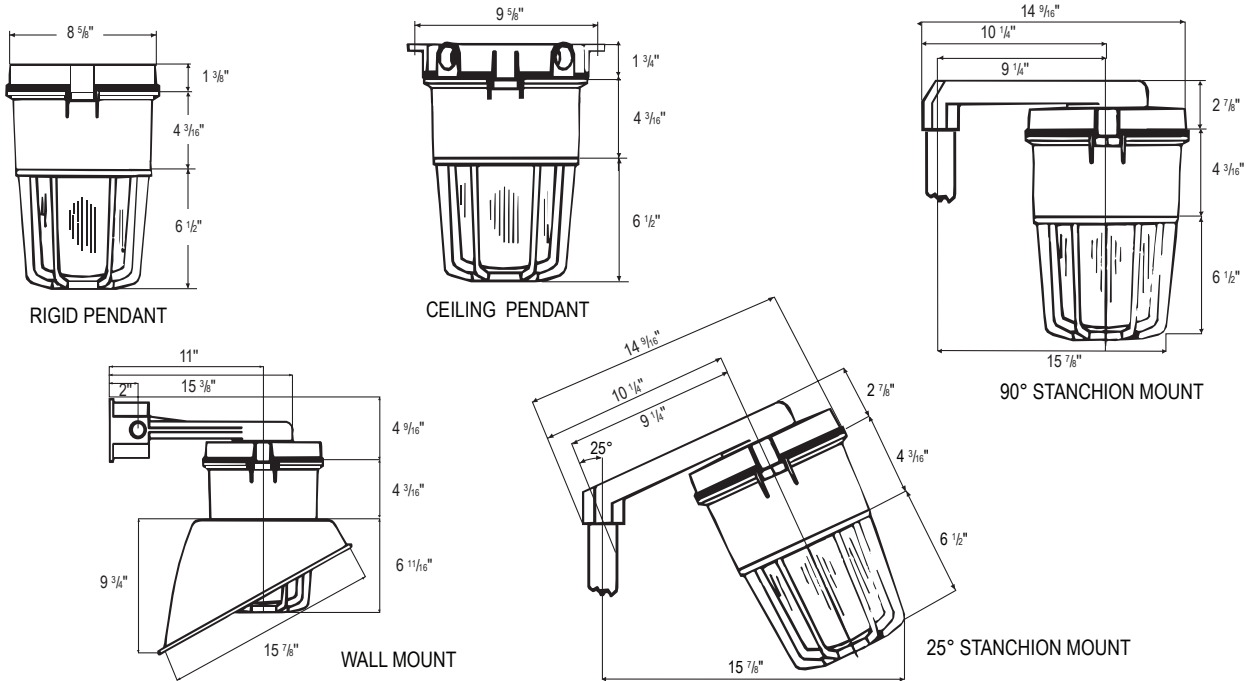
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DIMENSIONS (Nominal)

HID H2 Series - Marine And Hazardous Location Fixtures



UNIPAK® Packaging

LDPi® HID fixtures ordered with UNIPAK® packaging option will be completely assembled with lamp (and with mounting cover and/or reflector, if specified) and shipped in one carton. Each fixture assembly is foamed in place in the carton to insure zero transit damage. Receiving, handling, storing, identification, assembly and component matching are all made easier by this common sense approach to manufacturing and shipping.

Use catalog numbering codes (position #10) to add UNIPAK® with lamp packaging to any made-to-order HID assembly.

Benefits of UNIPAK® packaging:

- Fewer cartons to receive
- Fewer cartons to store
- Reduced job site material and handling cost
- Lower installation labor cost
- No chance of Lamp/Ballast mismatch in field
- No waiting around for fixtures

HazVertor™ Adaptor Ring

The HazVertor™ Ring is a UL listed adaptor ring which gives you the freedom to replace Crouse-Hinds® VMV, LMV and DMV series Champ® lighting fixtures with LDPI HID fixtures - without removing the Crouse-Hinds® mounting top hat from the conduit system.

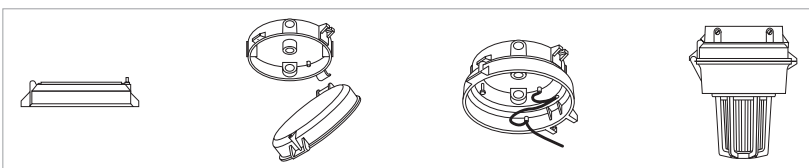
Just look at the advantages:

Increased energy efficiency and lumen output by upgrading from mercury vapor to metal halide or high pressure sodium.

Utilize threaded glass refractors for improved light distribution

Improved photometric performance in many cases.

Easy to order. Easy to install. UL listed.
 For use with HID marine, or hazardous environment fixture.
 Not available for the compact fixture.





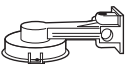

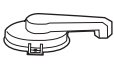





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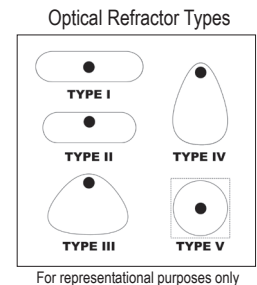
OPTIONS

Outlet Boxes Designed For Compact Ballast Housings		
Mounting Style	Hub Size	Cat. No.
Rigid Pendant 	3/4" 1"	VMP2 VMP3
Ceiling 	3/4" 1"	VMC2 VMC3
Wall 	3/4" 1"	VMB2 VMB3
25° Stanchion 	1 1/4" 1 1/2"	VMS2 VMS3
90° Stanchion 	1 1/4" 1 1/2"	VML4 VML5

Reflectors, Exit Sign	Cat. No.	Description
	VR15P	Standard dome Fiberglass reinforced polyester
	VRA15P	30° angle reflector Fiberglass reinforced polyester
	VRE22 VGE22	Three sided exit sign For use with standard housing Red or Green

Guards	Cat. No.	Description
	VGU15	Cast aluminum - for use with glass globes or reflectors
	VGU15P	Polymeric - for use with glass globes or reflectors
	VGR32	For use with glass closed bottom reflectors, (8" dia.)

Globes, Reflectors	Cat. No.	Description
	VL15	Prismatic glass 150 watts max.
	VGT15	Heat resistant prismatic glass
	VGL15R1	IES Type I reflector
	VGL15R3	IES Type III reflector
	VGL15R5	IES Type V reflector
	VRF22C5A	8" IES Type V reflector
	VGT15G	Green prismatic glass



HID H2 SERIES CERTIFICATION GUIDE (40°C AMBIENT) For UL844/595 listing at 40°C AMBIENT

FIXTURE TYPE	WATTS	SERIES	CLASS I, DIV. 2 GROUP A, B, C, D TEMPERATURE CODE		CLASS II DIV. 1 and 2 GROUPS		CLASS III DIV. 1 and 2		NEMA 4X	UL 595 MARINE
			Globe, and Guard With or W/O Reflector	8" Refractor	Globe, and Guard With or W/O Reflector	8" Refractor	Globe, and Guard With or W/O Reflector	8" Refractor		
HIGH PRESSURE SODIUM	35	DSM	T3A	T3A	EFG	EFG	YES	YES	YES	YES
	50	DSM	T3	T3	EFG	EFG	YES	YES	YES	YES
	70	DSM	T2B	T2B	EFG	EFG	YES	YES	YES	YES
	100	DSM	T2A	T2A	EF	EFG	-	YES	YES	YES
	150	DSM	325° C	325° C	EF	EFG	-	YES	YES	-
INCANDESCENT	60	DIM	T3	T3	EF	EFG	-	YES	YES	YES
	100	DIM	T3	T3	EF	EFG	-	YES	YES	YES
	150	DIM	T2B	T2B	-	EFG	-	YES	YES	YES

Note Regarding Glass Globes And Reflectors — 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 reflectors have better thermal shock resistance properties than non-tempered globes and reflectors and should be considered whenever fixtures are subject to being splashed with significantly cooler liquids while illuminated (hot). Consult factory for more information.