

H SERIES T-RATINGS

MARINE AND HAZARDOUS LOCATIONS



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H.I.D. H SERIES CERTIFICATION GUIDE (40°C AMBIENT) STANDARD BALLAST HOUSING 5 1/2" THREAD

LAMP TYPE	WATTS	AMBIENT TEMP (Deg. C)	CLASS I, DIV. 2 GROUP A, B, C, D TEMPERATURE CODE		CLASS II DIV. 1 & 2 GROUPS		UL 595 MARINE	NEMA 4X	SUPPLY WIRE TEMP. RATING (Deg. C)
			VGT/VGL22 5-1/2" Globe, Guard & Reflector	VRF22C5 12" Dia. Refractor	VGT/VGL22 5-1/2" Globe, Guard and Reflector	VRF22C5 12" Dia. Refractor			
HIGH PRESSURE SODIUM	50	40	T3C	T4	EFG	EFG	YES	YES	85
	70	40	T3A	T3C	EFG	EFG	YES	YES	85
	100	40	T2C	T2D	EFG	EFG	YES	YES	85
	150	40	T2A	T2B	-	EFG	YES	YES	90
METAL HALIDE	70	40	T3C	T3C	EFG	EFG	YES	YES	60
	100	40	T3A	T3A	EFG	EFG	YES	YES	75
	175	40	T2A	T2C	-	EFG	YES	YES	90
	250	40	T2	T2	-	EFG	-	YES	125

NOTES:

- 1.) Simultaneous Presence Applications: Some H.I.D. H Series fixtures are UL Listed for simultaneous presence of gas and dust. Contact LDPI for specific information.
- 2.) Tuffskin® Coated Optics: Many H.I.D. Series H fixtures are UL Listed with Tuffskin® (silicone) coating on glass optics. Contact LDPI for specific information.
- 3.) For UL and CSA Certification Information on other ambient temperatures and fixture configurations, consult the factory.
- 4.) Consult factory for fixtures with higher ambient temperature ratings.

H.I.D. H SERIES CERTIFICATION GUIDE (40°C AMBIENT) "R" TANK BALLAST HOUSING 7 3/4" THREAD

LAMP TYPE	WATTS	AMBIENT TEMP (Deg. C)	CLASS I, DIV. 2 GROUP A, B, C, D TEMPERATURE CODE		CLASS II DIV. 1 & 2 GROUPS		UL 595 MARINE	NEMA 4X	SUPPLY WIRE TEMP. RATING (Deg. C)
			VGT31S 7-3/4" Globe, Guard & Reflector	VGL31R5 7-3/4" Dia. Refractor	VGT31S 7-3/4" Globe, Guard and Reflector	VGL31R5 7-3/4" Dia. Refractor			
HIGH PRESSURE SODIUM	50	40	T3C	T3C	EFG	EFG	YES	YES	60
	70	40	T3A	T3A	EFG	EFG	YES	YES	85
	100	40	T2D	T3	EFG	EFG	YES	YES	85
	150	40	T2B	T2B	EFG	EFG	YES	YES	85
METAL HALIDE	70	40	T3C	T3C	EFG	EFG	YES	YES	75
	100	40	T3A	T3A	EFG	EFG	YES	YES	75
	175	40	T2B	T2B	EFG	EFG	YES	YES	90
	250	40	T2	T2	EF	EF	-	YES	125

NOTES:

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- 2.) Tuffskin® Coated Optics: Many H.I.D. Series H fixtures are UL Listed with Tuffskin® (silicone) coating on glass optics. Contact LDPI for specific information.
- 3.) For UL and CSA Certification Information on other ambient temperatures and fixture configurations, consult the factory.

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.

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H.I.D. H SERIES CERTIFICATION GUIDE (40°C AMBIENT) LARGE BALLAST HOUSING 7 3/4" THREAD

LAMP TYPE	WATTS	AMBIENT TEMP (Deg. C)	CLASS I, DIV. 2 GROUP A, B, C, D TEMPERATURE CODE			CLASS II DIV. 1 & 2 GROUPS			UL 595 MARINE	NEMA 4X	SUPPLY WIRE TEMP. RATING (Deg. C)
			VGT31 Globe, Guard & Reflector	VRF31C5 12" Dia. Refractor	VR31CB Reflector w/lens	VGT31 Globe, Guard & Reflector	VRF31C5 12" Dia. Refractor	VR31CB Reflector w/lens			
HIGH PRESSURE SODIUM	200	40	T2	T2A	T2A	T2	T2A	T2A	YES	YES	90
	250	40	350 C	350 C	350 C	350 C	350 C	350 C	YES	YES	90
	400	40	T2A	T2B	T2B	T2A	T2B	T2B	-	YES	110
METAL HALIDE	250	40	T2	T2A	T2A	T2	T2A	T2A	-	YES	110
	400	40	350 C	325 C	325 C	350 C	325 C	325 C	-	YES	110

NOTES:

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- 2.) Tuffskin® Coated Optics: Many H.I.D. Series H fixtures are UL Listed with Tuffskin® (silicone) coating on glass optics. Contact LDPI for specific information.
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- 4.) Consult factory for fixtures with higher ambient temperature ratings.

H.I.D. 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 & 2 GROUPS		CLASS III DIV. 1 & 2		NEMA 4X	UL 595 MARINE
			Globe, & Guard With or W/O Reflector	8" Refractor	Globe, & Guard With or W/O Reflector	8" Refractor	Globe, & 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	-
FLUORESCENT	9	DFB	T3C	T3C	EFG	EFG	YES	YES	YES	YES
	13	DFB	T3C	T3C	EFG	EFG	YES	YES	YES	YES
	18	DFB	T3C	T3C	EFG	EFG	YES	YES	YES	YES
	26	DFB	T3	T3	EFG	EFG	YES	YES	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 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.