

PRODUCT DESCRIPTION

The LED C1D1 Rated Highbay (HZHB-C1D1) is an explosion proof luminaire certified for use in all types of hazardous rated locations. This luminaire features a vapor proof housing and and optcs options for task and general area illumination in applications like Petroleum Production & Refining, Petroleum Loading & Transport, Petroleum Storage & Retail, all types of paint facilities, Pumping Stations in any Environment, Metal Smelting, Foundry and Fabrication, all Mining Operations & Service, Ocean Platform Operational Facilities & Structure, Aerospace Clean Room and Production, Chemical Production & Storage, Ocean Vessel Operations, all Military Spec. Conditions, Flour & Fine Particle Production and Storage, Food & Distilling Production, all Types of Electrical Power Generation & Stations, other High Humidity, Vapor, Dust Particle & High Temperature Locations

FEATURES

- High efficacy: up to 140lm/W
- Surface mounting and pendant installation
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance
- Suitable for Marine and Wet Locations
- 5 Year Warranty

PERFORMANCE RATINGS AND CERTIFICATIONS

UL1598A, UL844, cETL, RoHS, Class I Division 1, Group C,D | Class I, Division 2, Groups A,B,C,D | Class II Division 1&2 Group E,F,G | Class III

PERFORMANCE SUMMARY

- Lumens:** 14000 (100W), 16800 (120W), 21000 (150W), 25200 (180W)
- Lumens per Watt:** 140
- CRI-Minimum:** ≥ 70
- CCT:** Cool White (5000K), Natural White (4000K)
- Watts:** 100W, 120W, 150W, 180W
- Operating Environment:**
- Optical Distribution:** 40°, 60°, 90°, 120° Beam Angle



KIT INFORMATION

- Finish:** Marine Grey
- Mounting:** Adjustable Yoke Mount for Wall Mounting, Ceiling Mounting
- Dimensions:** 15.70" x 11.30" x 10.00"

ELECTRICAL SYSTEM CHARACTERIZATIONS

- Voltage:** 120 - 277VAC, 50/60 Hz, 200-480V AC (optional)
- Dimming:** 0-10V dimming (optional)
- Power Factor:** ≥ 0.9
- Total Harmonic Distortion:** $\leq 20\%$

WARRANTY

5 Year Standard Warranty Limited

ORDERING MATRIX

Example: ST-HZHB-C1D1-100W-CW-MT-PM

Family	Product	Watts	Color Temp	Voltage	Options
ST	HZHB = LED C1D1 Rated Highbay	100W 120W 150W 180W	CW = Cool White (5000K) NW = Natural White (4000K)	MT = 120-277VAC 50/60 Hz HV= 200-480VAC	DM = 0-10V Dimming None (Leave Blank)

