PRODUCT DESCRIPTION

The LED C1D1 Rated Round Highbay (HZHR-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

KIT INFORMATION

Finish: Marine Grey
Mounting: Wall Mounting, Ceiling Mounting, Pendant, Pole Mounting
Dimensions: 16.00" x 13.40" x 26.90"

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: 8400 (60W), 11200 (80W), 14000 (100W), 21000 (150W)
Lumens per Watt: 140
CRI-Minimum: ≥70
CCT: Cool White (5000K), Natural White (4000K)
Watts: 60W, 80W, 100W, 150W
Operating Environment:
Optical Distribution: 40°, 60°, 90°, 120° Beam Angle

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: ≤20%

WARRANTY

5 Year Standard Warranty Limited

www.GenProTech.com

ORDERING MATRIX

Example: ST-HZHR-C1D1-80W-CW-MT-PM

Family	Product	Watts	Color Temp	Voltage	Options	Mounting
ST	HZHR = LED C1D1 Rated Round Highbay	60W 80W 100W 150W	CW = Cool White (5000K) NW = Natural White (4000K)	MT = 120-277VAC 50/60 Hz HV= 200-480VAC	DM = 0-10V Dimming None (Leave Blank)	WM = Wall Mount CM = Ceiling Mount PM = Pendant Mount PT = Pole Mount