

### PRODUCT DESCRIPTION

Highbay fixtures are ideal for illuminating warehouses and commercial facilities like manufacturing shops, car showrooms, exhibition / convention centers etc. These fixtures feature a die cast aluminum housing with a tempered clear glass lens. These fixtures are retrofitted with high- output LED light engines designed, engineered and assembled in USA, available in multiple color temperatures.

### FEATURES AND RATINGS

- Energy efficient LED light engine offers high lumen output as well as high efficacy
- Compact and optimized LED board for concentrated and powerful light distribution
- Luminaires [UL 1598: 2008 Ed.3 +R: 17Oct2012]
- Luminaires (R2013) [CSA C22.2#250.0: 2008 Ed.3 +G1;G2]
- Standard For Luminaires For Use In Hazardous (Classified) Locations [UL 844: 2012 Ed.13 +R: 11Mar2016]
- Electric Luminaires For Use In Hazardous Locations (R 2014) [CSA C22.2#137:1981 Ed.1 +G1]
- Class I Division 2 Groups A-D  
Class II Division 2 Groups F, G
- Class I Zone 2 Groups IIC - IIA  
Class II Zone 22 Group IIIB
- Temperature Class: T4 (135°C (275°F) Max Temperature

### PERFORMANCE SUMMARY

**Lumens:** 28200

**Lumens per Watt:** 128

**CRI-Minimum:** >70

**CCT:** 3000K ,4000K ,5000K

**Watts:** 221W

**Operating Environment:** -20°C to 40°C

**Optical Distribution:** 120° Beam Angle available in Type 5 distribution pattern



### FIXTURE / RETROFIT KIT INFO

**Material / Finish:** High pressure die cast ADC12 aluminum alloy housing, created through high pressure (1600 ton) in one piece, with high explosion proof level and IP68 waterproof protection. Available in Grey powder coat finish.

**Dimensions (L x W x H):** 15.75" x 15.75" x 11"

**Mounting:** Heavy-duty handle yoke included for surface or trunnion mounting, malleable hook with 3/4" NPS threads ( optional)

### ELECTRICAL SYSTEM CHARACTERIZATIONS

**Voltage:** 120 - 277VAC, 50/60 Hz;  
480VAC (optional)

**Dimming:** 0-10V dimming (Optional)

**Power Factor:** > 0.98

**Total Harmonic Distortion:** < 20%

### WARRANTY

5 Year Standard Warranty Limited

Specifications are subject to change at any time without notice. All values are typical unless otherwise noted. Lumen values may vary by +/- 10%. Color temperatures may vary according to ANSIC78.377 . For more information and product support, contact GenPro Advanced Technologies at 800.465.1286 or email info@GenProTech.com

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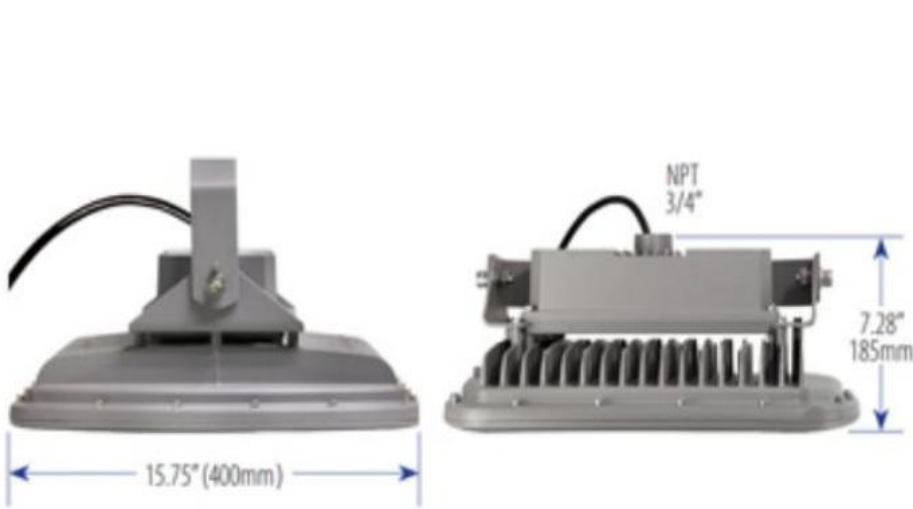
# LED HIGHBAY

(For use in Hazardous Locations)

## ORDERING MATRIX

Example: AM-HBM-R140-221W-50K-MT-MH

Family	Product	Wattage	Color Temp	Voltage	Options	Mounting	Optical Distribution
AM = Assembled in USA	HBM	R140-221W	30K = 3000K 40K = 4000K 50K = 5000K CC-[specify CCT value in K] = Custom Color Temp (choose from 2700K-6500K)	MT = 120-277VAC HV= 277-480VAC	SRG1 = Surge Protection for 120-277VAC SRG2 = Surge Protection for 480VAC EM = Emergency Battery Backup 010V = 0-10V Dimming None (Leave Blank)	Standard Handle Yoke for Pendant Mounting (included) MH = Mounting hook with 3/4" NPT threads	None (Leave Blank) T5 distribution (Standard)



SIDE VIEWS



BACK VIEW



Standard Handle Yoke (included)



Optional Mounting Hook with 3/4" NPT threads