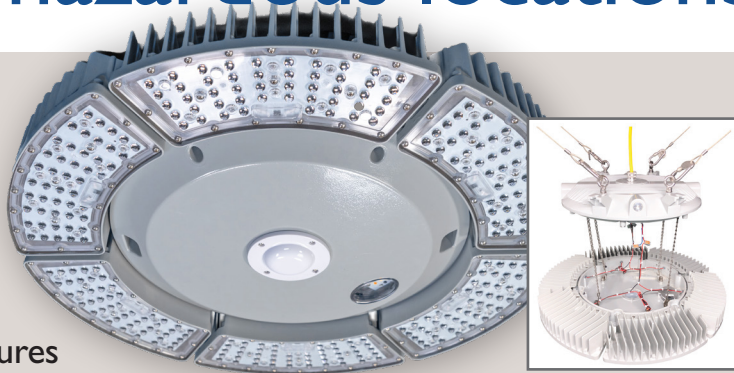


## HLHB HI-LUMEN LED

# LED High-bay lighting for hazardous locations



### Key Features

- Four (4) 12" Stainless steel sash chains for convenient access to the wiring compartment
- Spring pressure connection terminal block
- Interchangeable optics with 45, 90, 60 and 120 degree beam angle options
- Field replaceable LED circuit boards, LED modules and drivers with quick disconnects
- Four (4) safety cable attachment points

### Additional Features

- Chain/cable and surface mounting
- Emergency battery backup option
- 0-10V dimming, range 10-100%
- Standard 10kV surge protection
- 5-year warranty

### Classifications

- Class I, Division 2, Groups A, B, C, and D
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- Emergency battery backup
- -40°C to 70°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-18
- NEMA 4X
- IP66
- DLC Listed Premium
- Tested to LM 79 & LM 80

### Standard Materials

Body: A360 aluminum  
(less than .4% copper content)  
with baked-on gray epoxy finish

Gaskets: One-piece silicone

Lens: Polycarbonate

Hardware: Stainless Steel

## Certification Guide

Model	Number of Modules	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature		Class I, Div. 2, Group A, B, C & D	Supply Wire Suitable Temperature, °C
								Cable/Chain Mount	Ceiling Mount		
HLHB9LU	6	655W	120V - 277V 50/60 Hz	95,464	145	84	4906	-40°C < Tamb < 55°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB9LN		646W	347V / 480V 60 Hz	95,813	148	84	4918	-40°C < Tamb < 60°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB8LU		563W	120V - 277V 50/60 Hz	85,354	151	84	4910	-40°C < Tamb < 55°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB8LN		574W	347V / 480V 60 Hz	86,184	149	84	4914	-40°C < Tamb < 60°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB7LU		513W	120V - 277V 50/60 Hz	77,675	151	84	4882	-40°C < Tamb < 60°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB7LN		511W	347V / 480V 60 Hz	78,548	153	84	4907	-40°C < Tamb < 65°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB6LU	4	423W	120V - 277V 50/60 Hz	60,544	142	83	4979	-40°C < Tamb < 65°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB6LN		479W	347V / 480V 60 Hz	68,491	142	83	4985	-40°C < Tamb < 65°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB5LU		349W	120V - 277V 50/60 Hz	51,726	148	83	4963	-40°C < Tamb < 65°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB5LN		346W	347V / 480V 60 Hz	52,180	150	84	4961	-40°C < Tamb < 65°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB4LU		306W	120V - 277V 50/60 Hz	45,637	148	84	4947	-40°C < Tamb < 70°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB4LN		303W	347V / 480V 60 Hz	46,385	142	84	4948	-40°C < Tamb < 70°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB3LU	3	200W	120V - 277V 50/60 Hz	30,973	154	84	4893	-40°C < Tamb < 65°C	-40°C < Tamb < 40°C	T4A	105°C
HLHB3LN		200W	347V / 480V 60 Hz	31,479	156	84	4891	-40°C < Tamb < 65°C	-40°C < Tamb < 40°C	T4A	105°C

\* Ambient temperature of all EM models is 0°C < Tamb < 40°C

# HLHB 6 - L - U - XX - XX - XX



**1**  
SERIES  
HLHB = Hazardous Locations

**2**  
LAMP WATTAGE  
3 = 200 Watt  
4 = 306 Watt  
5 = 349 Watt  
6 = 423 Watt  
7 = 513 Watt  
8 = 563 Watt  
9 = 655 Watt

**3**  
LAMP TYPE  
L = LED (5000K CCT)

**4**  
VOLTAGE/FREQUENCY  
U = 120-277V 50/60HZ  
N = 347/480V 60HZ  
12 = 120V 60HZ<sup>1</sup>  
20 = 208V 60HZ<sup>1</sup>  
22 = 220V 50HZ<sup>1</sup>  
24 = 240V 60HZ<sup>1</sup>  
27 = 277V 60HZ<sup>1</sup>  
34 = 347V 60HZ<sup>1</sup>  
48 = 480V 60HZ<sup>1</sup>

**5**  
OPTICS  
Blank = Type V @ 90 Deg Beam Angle  
45 = Type V @ 45 Deg Beam Angle  
60 = Type V @ 60 Deg Beam Angle  
12 = Type V @ 120 Deg Beam Angle

**6**  
ENTRIES  
Blank = 3/4 NPT (Top & Side)  
P1 = 1" Top Entry  
P2 = 25mm Top Entry  
P3 = 32mm Top Entry  
C1 = 1" Side Entries  
C2 = 25mm Side Entries  
C3 = 32mm Side Entries

**7**  
OPTIONS<sup>1</sup>  
EM = Emergency Battery Backup (Not available with 347/480V)  
FB = Fuse Block<sup>1</sup>  
30 = 3000K CCT  
40 = 4000K CCT

<sup>1</sup> Specify voltage when option FB is needed. When option FB is selected, one fuse block is provided for 120 & 277V. Two fuse blocks are provided for 208, 220, 240 and 480V. Fuse option not available for marine listed fixtures or for fixtures listed for use in Canada.

Part numbering logic is for explaining part number structure only; Not all combinations are possible; consult factory for catalog numbers not listed on chart.