

Project Date Prepared by Model # HB4-1505-1-B

HB4-SERIES HIGH BAY













OVERVIEW

The HB4-Series Monopoint High Bays are purpose-built for the North American market. A unique integrated wiring compartment means connections can finally be completed directly on the fixture. Multiple knockouts make it compatible with any controls system by giving you room to add sensors and other wireless communications devices and performance-wise, they're designed with a larger diameter chip array allowing for better thermal performance and the capacity for more powerful LED chips.

PRODUCT HIGHLIGHTS

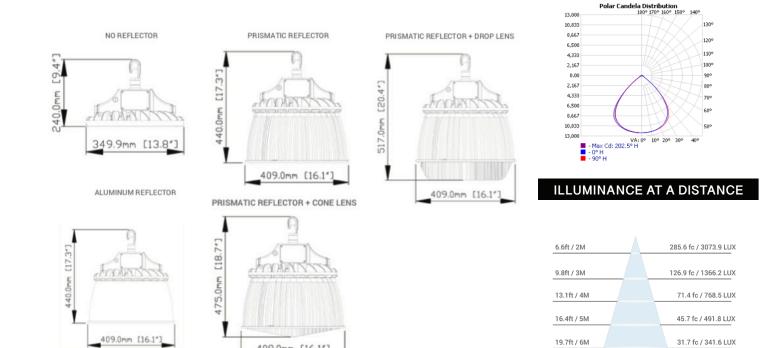
- Features a multi-functional junction box for easy connection to photocell, motion sensor and other accessories
- Best-in-class Lumileds Luxeon 3030 LED, designed in the
- TM-21 Projected Lifetime (L70) over 100,000 hrs
- Built-in surge protection up to 10kV
- NSF/ANSI 2: Food Equipment rated
- IP65 rated
- Four reflector configuration options available
- •10-year warranty

PREMIUMI LIS	STED				
	OPTI	CAL SPECIFICATIONS			
Lumen Output (lm) ₁	22045	Beam Angle (°) ₁	90°		
CCT (K) 1	5000K	Projected Lifetime (L ₇₀)	>100,000 hrs		
CRI (Ra) ₁	>83.2	Lumen Maintenance Factor	r 70%		
Efficacy (lm/W) 1	>144.37 lm/W	Chromaticity Shift	±120K		
	ELECT	RICAL SPECIFICATIONS			
Power	150W	Current Draw at 120 V_{AC} (A) $_2$	1.5A		
Apparent Power (VA)	162VA	Current Draw at 208 $V_{\rm AC}$ (A) $_2$	0.9A		
System Wattage (W)	152.7W	Current Draw at 240 $V_{\rm AC}$ (A) $_{\rm 2}$	0.8A		
Replacement for	400W+ HID	Current Draw at 277 $V_{\rm AC}$ (A) $_{\rm 2}$	0.7A		
Input Voltage	100-277V				
	LED AND	DRIVER SPECIFICATIONS			
LED (Brand)	LumiLEDs	Power Factor	0.915		
LED Design Origin	United States	THD	12.74%		
LED Type	Luxeon 3030	Driver Class	Class 2		
Dimmable	Yes (1-10V)	Surge Protection	6 kV		
Output Voltage (VDC)	40 VDC				

CONSTRUCTION		APPROVALS AND LISTINGS					
Housing Material	Die Cast Aluminum	DLC Premium		PLAFRLE28QPT			
Housing Color	Black	UL/ETL			cULus		
Lens Material	Polycarbonate	UL/ETL File Number			E473127		
Dimensions (inch/mm)	13.8"Ф x 9.4" (H) 350 mm Ф x 240 mm(H)	NSF Rating Rated Lifetime ²			NSF/ANSI 2: Food Equipment		
Weight (kg/lbs)	6.1 kgs/13.5 lbs	Models			Output = f Initial (L ₇₀) ²		
Installation Method	10' cord (pre-installed) Hook (incl.) or Yoke (optional)	HB4-100x-x HB4-150x-x HB4-240x-2 HB4-300x-2	>55,000 hrs	>100,0	000 hrs		
Operation Range (°F/°C)	-22°F to 122°F/-30°C to 50°C	HB4-240x-1	>55,000 hrs	>120,0	000 hrs		
IP Rating	IP65	HB4-300x-1	>55,000 hrs	>75,00	0 hrs		
Wet Location	Yes	 Rated Lifetime projected the time needed for the fixture to drop its lumen outp to 90% and 70% of its initial value, which was measured based on IESNA LM-7 luminaire test reports. 					
Warranty	10 Years	 Calculations are based on ISTMT (In Situ) luminaire test report, estimated rated lifetime (hours) at T_A=77°F / 25°C (ambient temperature). 					

OPTIONAL ACCESSORIES				
HB4-16AL80D	16" Aluminum Reflector (80°) for: 100W/150W			
HB4-16PR75D	16" Prismatic Reflector (75°) for: 100W/150W			
HB4-16PC80D	Cone Lens attachment for HB4-16PR75D fits: 100W/150W			
HB4-16PD80D	Drop Lens attachment for HB4-16PR75D fits: 100W/150W			
HB4-11YM	Yoke Mount for: 100W/150W			

DIMENSIONS CANDELA



Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.

Refer to Warranty Terms & Conditions available at premiseled.com/warranty

409.0mm [16.1"]