



Project	
Date	
Prepared by	
Model #	HBX1-1004-2

HBX1-SERIES MONOPOINT HIGH BAY



OVERVIEW

The HBX1-Series is the most versatile Monopoint High Bay offered in the North American market. Built using an ultra-thin, aluminum die cast design, it is a lightweight fixture that can be configured for almost any application. From the ability to add a junction box or battery backup to integrating a remote-controlled* motion sensor or side mounting sensors and wireless adapters, the HBX1 is ready for today and the future. Offering five traditional reflector configurations and multiple mounting options, they are the only high bay you'll need to consider to meet the demands of every project.

PRODUCT HIGHLIGHTS

- Polycarbonate "Fresnel" lens for even 360° light dispersal
- AkzoNobel powdercoated aluminum driver box and housing
- Built-in surge protection
- Includes hanging hook and 10' cord
- IP65 rated
- Options available: Integrated Junction Box, Emergency Battery Backup, Motion Sensors, Reflectors, Motion Sensor Remote, and Mounting options

OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	12919 lm	Beam Angle (°) ₁	90°
CCT (K) ₁	4000K	LM80 Report (L ₇₀) Hours	>54,000 hrs
CRI (Ra) ₁	80	ISTMT Report (L ₇₀) Calculated Hours	159,000 hrs
Efficacy (lm/W) ₁	132 lm/W	Chromaticity Shift	±250K

ELECTRICAL SPECIFICATIONS

Power	100W	Input Voltage	277-480V
Apparent Power (VA)	108.1VA	Current Draw at 227V _{AC} (A) ₂	0.3559A
System Wattage (W)	97.29W	Current Draw at 347V _{AC} (A) ₂	0.288A
Replacement for	Up to 400W HID	Current Draw at 480V _{AC} (A) ₂	0.2254A

LED AND DRIVER SPECIFICATIONS

LED Type	2835	THD	15.00%
Dimmable	0-10V	Driver Class	Class 2
Output Voltage (VDC)	25-42VDC	Surge Protection	4 kV
Power Factor	0.900	Inrush Current (A)	50A

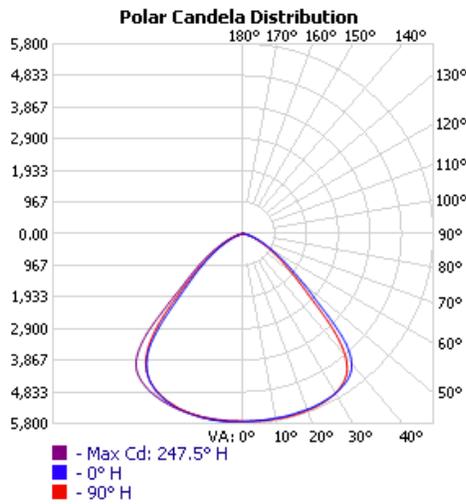
DIMENSIONS

Housing Material	Aluminum	Weight (kg/lbs)	3.97 kgs 8.73 lbs
Housing Color	Black	Installation Method	10' cord (pre-installed) Hook (incl.) Yoke or Pendant (optional)
Lens Material	Polycarbonate	Operation Range (°F/°C)	-40°F to 122°F/-40°C to 50°C
Dimensions (inch/mm)	12.93" Φ x 8.25" (H) 328.3 mm Φ x 209.5 mm (H)	Warranty	10 Years

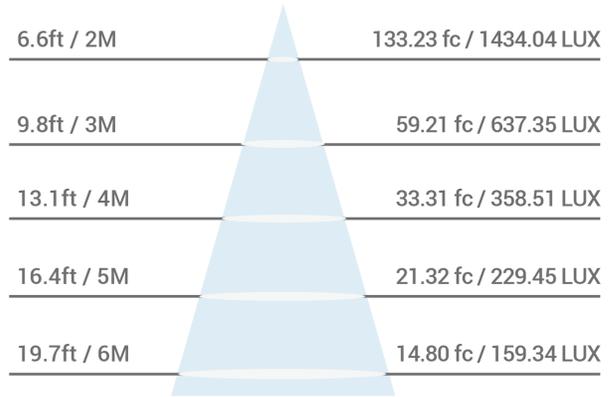
APPROVALS AND LISTINGS

DLC Premium	PLP73JMQD9RY	Wet Location Rated	Yes
UL/ETL	cULus	IP Rating	IP65
		IK Rating	IK10

CANDELA

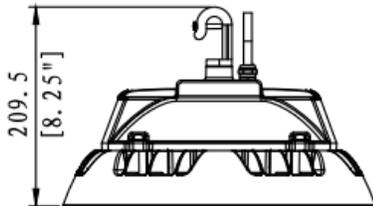


ILLUMINANCE AT A DISTANCE

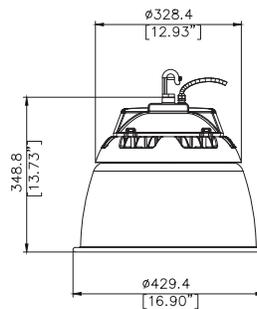


DIMENSIONS

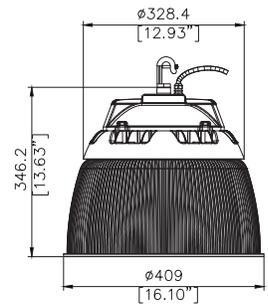
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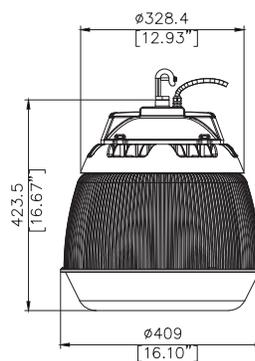
ALUMINUM REFLECTOR



PRISMATIC REFLECTOR



PRISMATIC REFLECTOR + DROP LENS



PRISMATIC REFLECTOR + CONE LENS

