Project	
Date	
Prepared by	
Model #	HBX1-1504-1

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

DLC PREMIUM · IK10 RATED · IP65 RATED · cULus LISTED · Dimmable · 10YEAR WARRANTY

OPTICAL SPECIFICATIONS			
Lumen Output (lm) [1]	20132 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	156,000 hrs
Efficacy (lm/W) [1]	139 lm/W	Chromaticity Shift	±250K
ELECTRICAL SPECIFICATIONS			
Power	150W	Current Draw at 120V_{AC} (A) [2]	1.2069A
Apparent Power (VA)	160.43VA	Current Draw at 208V_{AC} (A) [2]	0.699A
System Wattage (W)	144.39W	Current Draw at 240V_{AC} (A) [2]	0.614A
Replacement for	400W+ HID	Current Draw at 277V_{AC} (A) [2]	0.5439A
Input Voltage	120-277V		
LED AND DRIVER SPECIFICATIONS			
LED Type	2835	THD	15.00%
Dimmable	0-10V	Driver Class	Class 2
Output Voltage (VDC)	24-40VDC	Surge Protection	6 kV
Power Factor	0.900	Inrush Current (A)	40A

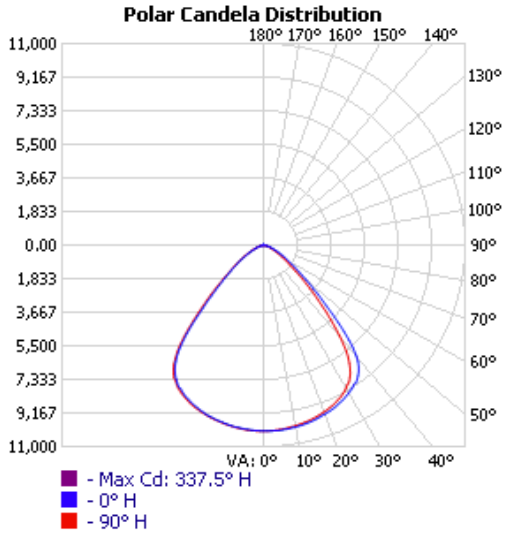
DIMENSIONS

Housing Material	Aluminum	**Weight (kg/lbs)**	4.15kg 9.13 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

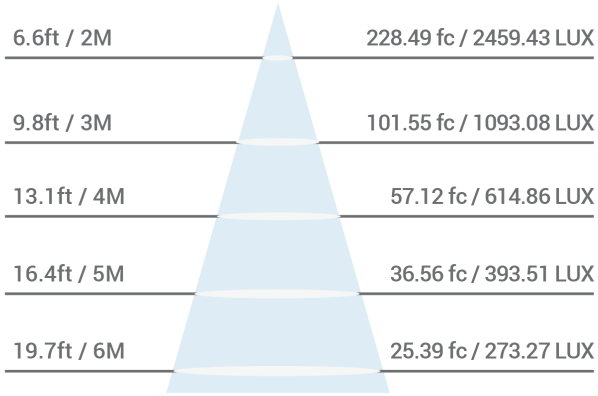
APPROVALS AND LISTINGS

DLC Premium	PL9G2YCN4XMG	**Wet Location Rated**	Yes
UL/ETL	cULus	**IP Rating**	IP65
		IK Rating	IK10

CANDELA

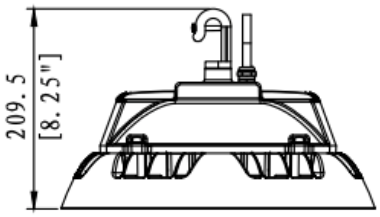


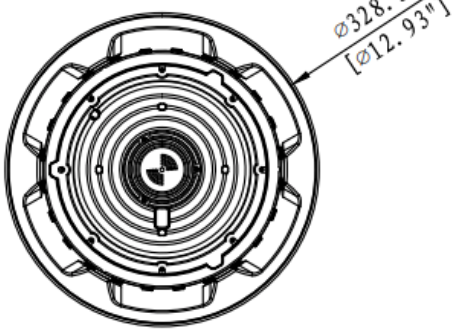
ILLUMINANCE AT A DISTANCE



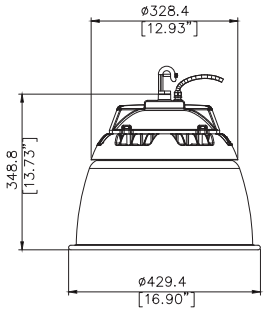
DIMENSIONS

NO REFLECTOR

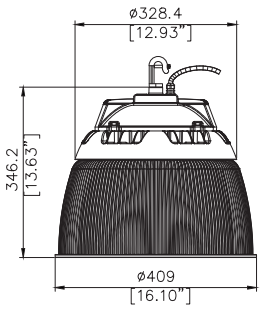




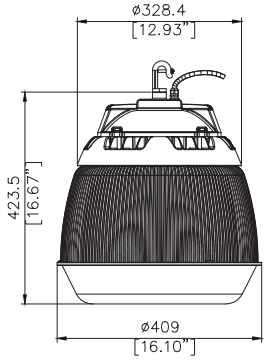
ALUMINUM REFLECTOR



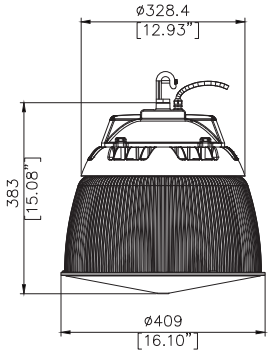
PRISMATIC REFLECTOR



PRISMATIC REFLECTOR + DROP LENS



PRISMATIC REFLECTOR + CONE LENS



REFLECTOR OPTIONS

 **HB-AR1X1**	Aluminum Reflector 80° (for 100W, 150W, 230W)	 **HB-PR1X1**	Prismatic Reflector 75° (for 100W, 150W, 230W)
 **HB-CLX1**	Cone Lens Attachment for HBX1 Prismatic Reflectors	 **HB-DLX1**	Drop Lens Attachment for HBX1 Prismatic Reflectors

ACCESSORIES

 **HB-JB1X1**	Junction Box for HBX1 High Bays (100W, 150W, 230W models)	 **HB-WG1X1**	Wire Guard for HBX1 High Bays 100W, 150W, 230W models
 **HB-MSX1-1**	Integrated Motion Sensor for 120-277V HBX1 High Bays	 **HB-34NPTAX1**	3/4" NPT Adaptor for HBX1 High Bays
 **HB-RCX1**	Remote Control for 120-277V Integrated Motion Sensors (HBX1 High Bays)	 **HB-YKX1**	Yoke Mount for HBX1 High Bays
 **HB-24EBX1**	24W Emergency Battery for 120-277 HBX1 High Bays	 **HB-EYEBOLT**	Eyebolt for HBX1 High Bays
		 **HB-CARABINER**	Carabiner for HBX1 High Bays

PRODUCT KEY

HBX1 – [ ] [ ] – [ ] – [ ] **Adders**

Product Series

Wattage
- ☐ 100
- ☐ 150
- ☐ 230
- ☐ 300

CCT
- ☐ 4 - 4000K
- ☐ 5 - 5000K

Voltage
- ☐ 1 - 120-277V
- ☐ 2 - 270-480V

Example: HBX1-1505-1-M1EB2

FACTORY INSTALLED ADDERS

Cord End Adders

☐ N01	5-15P 120V 15A Straight Plug
☐ N02	6-15P 240V 15A Straight Plug
☐ N04	L5-15P 120V 15A Locking Plug
☐ N05	L6-15P 240V 15A Locking Plug
☐ N06	L7-15P 277V 15A Locking Plug
☐ N07	5-20P 120V 20A Straight Plug
☐ N08	6-20P 240V 20A Straight Plug
☐ N09	7-20P 277V 20A Straight Plug
☐ N10	L5-20P 120V 20A Locking Plug
☐ N11	L6-20P 240V 20A Locking Plug
☐ N12	L7-20P 277V 20A Locking Plug
☐ N13	L24-20P 347V 20A Locking Plug
☐ N14	L8-20P 480V 20A Locking Plug

Motion Sensor Adders

☐ M2	Integrated Motion Sensor 120-277V
☐ M3	Motion Sensor and Arm 347-480V

Emergency Battery Adders

☐ EB2	24W Emergency Battery Backup (100-277V only, not compatible with motion sensor)

1. 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.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty