PREMISE

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 QPL™ LISTED PREMIUM | IK10 RATED | IP65 RATED | c UL us LISTED | Dimmable | 10 YEAR WARRANTY

OPTICAL SPECIFICATIONS			
Lumen Output (lm) $_1$	12347 lm	Beam Angle (°) $_1$	90°
CCT (K) $_1$	5000K	LM80 Report (L_{70}) Hours	>54,000 hrs
CRI (Ra) $_1$	84	ISTMT Report (L_{70}) Calculated Hours	159,000 hrs
Efficacy (lm/W) $_1$	132 lm/W	Chromaticity Shift	±250K

ELECTRICAL SPECIFICATIONS			
Power	100W	Current Draw at 120V_{AC} (A) $_2$	0.7773A
Apparent Power (VA)	106.3VA	Current Draw at 208V_{AC} (A) $_2$	0.464A
System Wattage (W)	93.22W	Current Draw at 240V_{AC} (A) $_2$	0.413A
Replacement for	Up to 400W HID	Current Draw at 277V_{AC} (A) $_2$	0.3646A
Input Voltage	120-277V		

LED AND DRIVER SPECIFICATIONS			
LED Type	2835	THD	15.00%
Dimmable	0-10V	Driver Class	Class 2
Output Voltage (VDC)	28-40VDC	Surge Protection	6 kV
Power Factor	0.924	Inrush Current (A)	30A

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	PL6QNWZ7P96N	**Wet Location Rated**	Yes
UL/ETL	cULus	**IP Rating**	IP65
		IK Rating	IK10
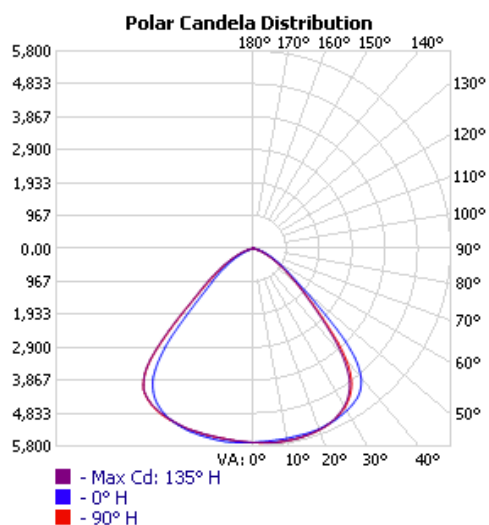
CANDELA	ILLUMINANCE AT A DISTANCE

Polar Candela Distribution

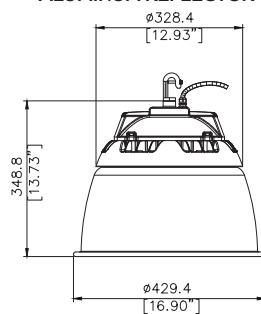- Max Cd: 135° H
- 0° H
- 90° H

6.6ft / 2M	132.17 fc / 1434.04 LUX
9.8ft / 3M	58.74 fc / 637.35 LUX
13.1ft / 4M	33.04 fc / 358.51 LUX
16.4ft / 5M	21.15 fc / 229.45 LUX
19.7ft / 6M	14.69 fc / 159.34 LUX

DIMENSIONS

NO REFLECTOR

209.5 [8.25"]

Ø328.3 [Ø12.93"]

ALUMINUM REFLECTOR

Ø328.4 [12.93"]
348.8 [13.73"]
Ø429.4 [16.90"]

PRISMATIC REFLECTOR

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346.2 [13.63"]
Ø409 [16.10"]
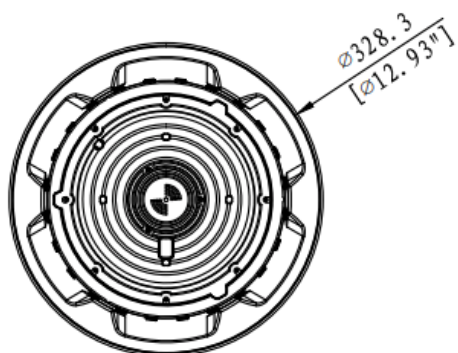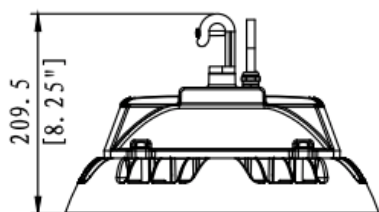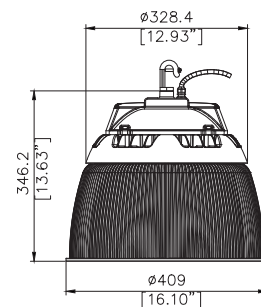
PRISMATIC REFLECTOR + DROP LENS

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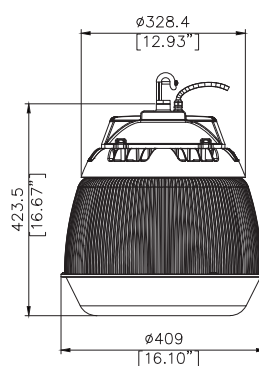
PRISMATIC REFLECTOR + CONE LENS

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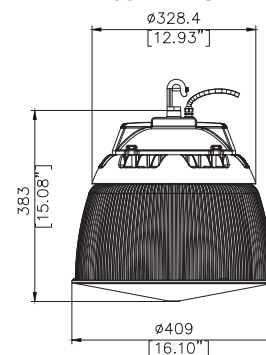
HB-AR1X1	Aluminum Reflector 80° (for 100W, 150W, 230W)	**HB-PR1X1**	Prismatic Reflector 75° (for 100W, 150W, 230W)
HB-CLX1	Cone Lens Attachment for HBX1 Prismatic Reflectors	**HB-DLX1**	Drop Lens Attachment for HBX1 Prismatic Reflectors

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)

Specifications and dimensions subject to change without notice.

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TORONTO, ON CANADA M9W 5R1