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 | 10YEAR WARRANTY

OPTICAL SPECIFICATIONS

Lumen Output (lm) $_1$	13068 lm	Beam Angle (°) $_1$	90°
CCT (K) $_1$	5000K	LM80 Report (L_{70}) Hours	>54,000 hrs
CRI (Ra) $_1$	80	ISTMT Report (L_{70}) Calculated Hours	159,000 hrs
Efficacy (lm/W) $_1$	134 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)	97.15W	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

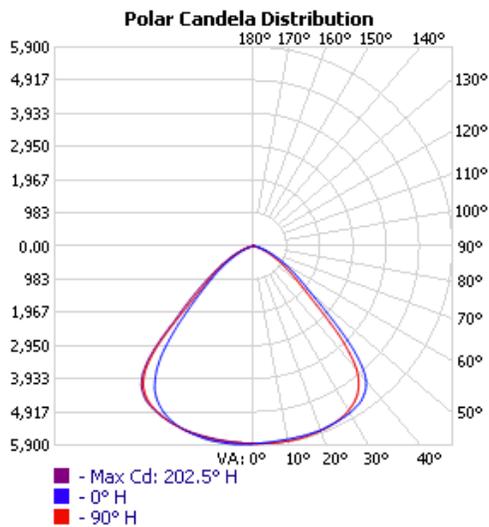|			
LED Type	2835	THD	15.00%
Dimmable	0-10V	Driver Class	Class 2
Output Voltage (VDC)	25-42VDC	Surge Protection	4 kV
Power Factor	0.900	Inrush Current (A)	50A

DIMENSIONS

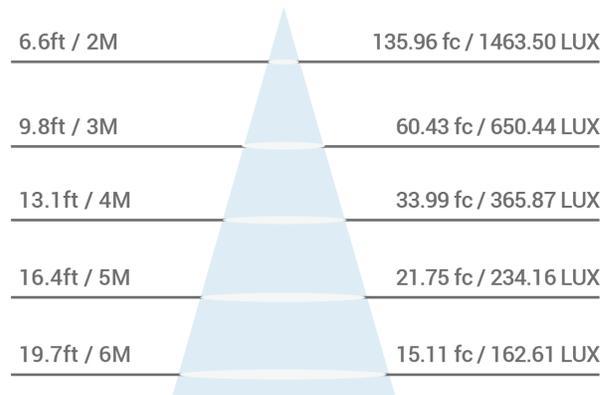|			
Housing Material	Aluminum	**Weight (kg/lbs)**	3.97 kgs 8.73 lbs
Housing Color	Black	**Installation Method**	10' cord (pre-installed) Hook (incl.) Yoke or Pendant (optional)
Lens Material	Polycarbonate	**Operation Range (°F/°C)**	-40°F to 122°F/-40°C to 50°C
Dimensions (inch/mm)	12.93"Φ x 8.25" (H)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

APPROVALS AND LISTINGS

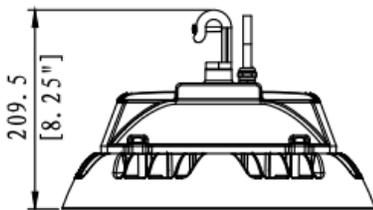|			
DLC Premium	PL5ISZH7P7F0	**Wet Location Rated**	Yes
UL/ETL	cULus	**IP Rating**	IP65
		IK Rating	IK10

CANDELA

Polar Candela Distribution

- Max Cd: 202.5° H
- 0° H
- 90° H

ILLUMINANCE AT A DISTANCE

6.6ft / 2M	135.96 fc / 1463.50 LUX
9.8ft / 3M	60.43 fc / 650.44 LUX
13.1ft / 4M	33.99 fc / 365.87 LUX
16.4ft / 5M	21.75 fc / 234.16 LUX
19.7ft / 6M	15.11 fc / 162.61 LUX

DIMENSIONS

NO REFLECTOR

209.5 [8.25"]

Ø328.3 [Ø12.93"]

ALUMINUM REFLECTOR

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348.8 [13.73"]
Ø429.4 [16.90"]

PRISMATIC REFLECTOR

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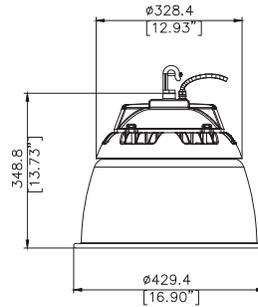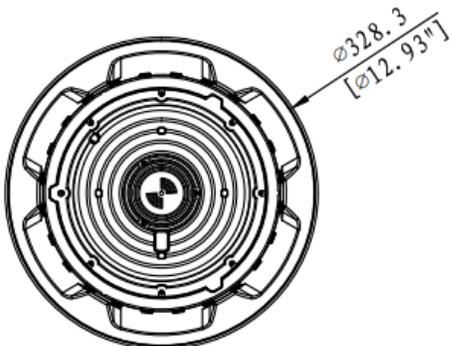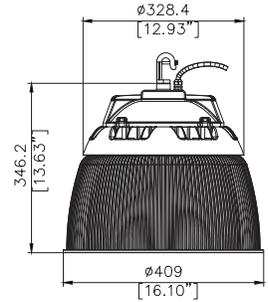
PRISMATIC REFLECTOR + DROP LENS

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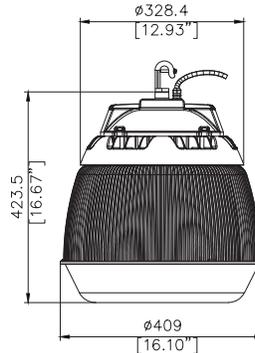
PRISMATIC REFLECTOR + CONE LENS

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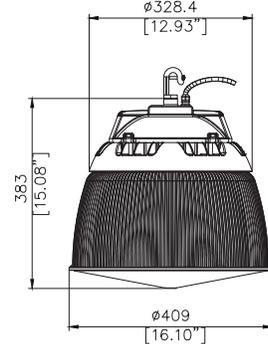
REFLECTOR OPTIONS

	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
	MS1-DHR-SA-4	Motion Sensor and Arm for 277-480V HBX1 High Bays		**HB-34NPTAX1**	3/4" NPT Adaptor for HBX1 High Bays
	RC01	Remote Control for 277-480V Integrated Motion Sensors (HBX1 High Bays)		**HB-YKX1**	Yoke Mount for 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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BEACHWOOD, OH USA 44122

80-86 CARRIER DRIVE
TORONTO, ON CANADA M9W 5R1