

HBA5

LED High Bay Smart Luminaire Hi-Performance / Durable / Heat Resistant Plug-and-Play Sensor Capability

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- BEAM ANGLE — 60° / 90° / 120°
 - COLOR RENDERING INDEX — +70 CRI.
 - DRIVER — Universal Voltage (120~277V) Electronic Driver with 0-10V Low Voltage Dimming.
 - FINISH — UV Stabilized powdercoat finish.
 - HOUSING — Heavy-duty aluminum with built-in heatsink fins allowing heat to rise and dissipate.
 - LENS — Polycarbonate.
 - LIFETIME — 100,000hrs @ 55°C (L70)
 - LIGHT ENGINE — Energy Efficient Light Emitting Diode. PF >0.95 / THD <20%.
 - OPERATING AMBIENT TEMPERATURE — -30°C (-22°F) ~ 55°C (131°F).
 - COMPLIANCE — Built to comply with U.S. and Canadian safety standards. ETL/cETL Listed (pending).
- Suitable for Damp Locations.
- WARRANTY — 5-Year Limited Warranty



ORDERING INFO

Series	Size & Wattage	CCT	Beam Angle	Voltage	Finish	Mounting	Options
HBA5	-	-	-	-	BK	-	-

ORDERING GUIDE:

SERIES

HBA5 = High Bay Smart 5 Series

SIZE AND WATTAGE

SMALL (8.7" Diameter)

REGULAR LUMEN PACKAGE (145LPW)

S-LED60R = 60W LED (8,700LM Initial)

S-LED100R = 100W LED (14,500LM Initial)

PREMIUM LUMEN PACKAGE (180LPW)

S-LED60P = 60W LED (10,800LM Initial)

S-LED100P = 100W LED (18,000LM Initial)

SUPERIOR LUMEN PACKAGE (200LPW)

S-LED60S = 60W LED (12,000LM Initial)

S-LED100S = 100W LED (20,000LM Initial)

MEDIUM (10.2" Diameter)

REGULAR LUMEN PACKAGE (145LPW)

M-LED120R = 120W LED (17,400LM Initial)

M-LED150R = 150W LED (21,750LM Initial)

PREMIUM LUMEN PACKAGE (180LPW)

M-LED120P = 120W LED (21,600LM Initial)

M-LED150P = 150W LED (27,000LM Initial)

SUPERIOR LUMEN PACKAGE (200LPW)

M-LED120S = 120W LED (24,000LM Initial)

M-LED150S = 150W LED (30,000LM Initial)

LARGE (11.8" Diameter)

REGULAR LUMEN PACKAGE (145LPW)

L-LED200R = 200W LED (29,000LM Initial)

PREMIUM LUMEN PACKAGE (180LPW)

L-LED200P = 200W LED (36,000LM Initial)

SUPERIOR LUMEN PACKAGE (200LPW)

L-LED200S = 200W LED (40,000LM Initial)

COLOR TEMPERATURE (CCT)

3K = ±3000K range

4K = ±4000K range

5K = ±5000K range

BEAM ANGLE / LENS

60D = 60°

90D = 90° (Standard)

120D = 120°

FR = Frosted Lens (Reduced Glare)

VOLTAGE

UNV = Universal Volt (120-277v) Electronic Driver

347 = 347 Volt

STANDARD FINISH

BK = Black Finish

MOUNTING

RING = Ring for Suspension Mount (Standard)

— Chain/Cable by Others

HOOK = Hook for Suspension Mount

— Chain/Cable by Others

PEND-SWC-RR = Pendant Mount with Swivel Canopy for 4" Round J-Box

— Stem Connects to 4" Conduit Box

— Choose Stem Length: 3" Stem or 6" Stem

— Total Pendant Length for 3" Stem = 7" | 6" Stem = 10"

— Order Example for 6" Stem: PEND6-SWC-RR

PEND-SWC-SR = Pendant Mount with Swivel Canopy for 4" Square J-Box

— Stem Connects to 4" Conduit Box

— Choose Stem Length: 3" Stem or 6" Stem

— Total Pendant Length for 3" Stem = 7" | 6" Stem = 10"

— Order Example for 6" Stem: PEND6-SWC-SR

REFLECTOR OPTIONS

ALR = Aluminum Reflector

PCR = Polycarbonate Reflector (150W and 200W Only)

CONTROL OPTIONS

OCC = Occupancy Sensor (Requires REMT Option)

EMERGENCY BATTERY OPTIONS

EL8W = 8 Watt Emergency Battery

EL20W = 20 Watt Emergency Battery

MISC OPTIONS

CORD = 6ft Cord and Plug (L5-15P)

UPL = Uplight

WG = Wire Guard

ACCESSORY OPTIONS (order as a separate line)

REMT = Remote Controller for Programming Sensor

Occupancy Motion Sensor
Simple Plug-and-Play Installation
Mounting Height: <30ft or <40ft
Includes Pluggable Receptacle



HBA5

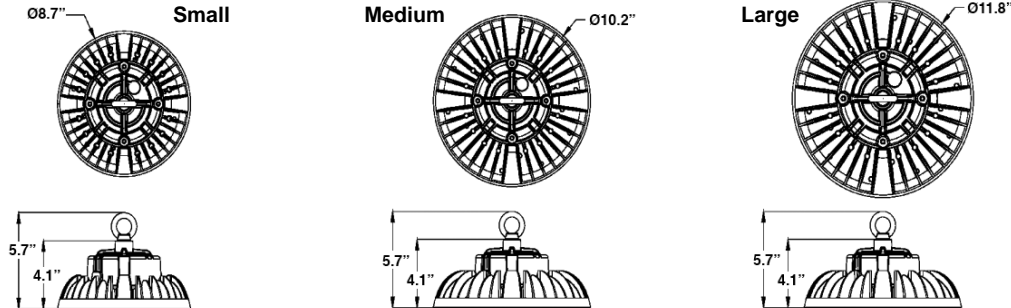
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DIMENSIONS

WIRE GUARD OPTION



Wire Guard (WG)
Optional

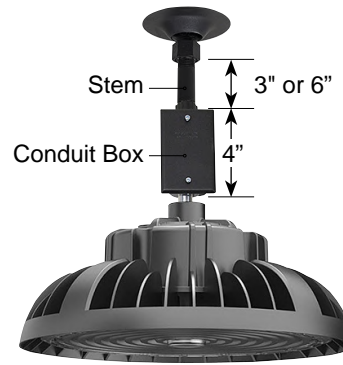
MOUNTING



RING
For Suspension Mount



HOOK
For Suspension Mount



PENDANT
3\"/>



Swivel Canopy 4\"/>

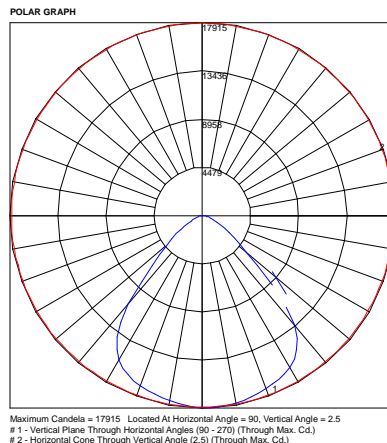


Swivel Canopy 4\"/>

PHOTOMETRIC DATA

Summary of Results		HBA5-L-LED200P-4K-90D-UNV		
Lumen Output	Efficacy	Input Power	CCT	Beam Angle
34,251.41	173.2 Lm/W	197.8W	4000K	90 Degrees

LCS Summary	
Zone	Lumens
0-10	1,684.87
10-20	4,872.82
20-30	7,431.51
30-40	8,277.64
40-50	6,318.66
50-60	3,415.36
60-70	1,501.78
70-80	647.33
80-90	101.45
90-180	0.00



Summary of Results		HBA5-L-LED200P-4K-120D-UNV		
Lumen Output	Efficacy	Input Power	CCT	Beam Angle
33,821.65	171.6 Lm/W	197.1W	4000K	120 Degrees

LCS Summary	
Zone	Lumens
0-10	1,141.51
10-20	3,280.45
20-30	5,043.81
30-40	6,173.13
40-50	6,414.49
50-60	5,620.67
60-70	4,012.74
70-80	1,892.78
80-90	242.08
90-180	0.00

