

# HBA3

**LED High Bay Smart Luminaire**  
**Hi-Performance / Durable / Heat Resistant**  
**RoHS / IP65 Rated**

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

CATALOG #		TYPE
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## SPECIFICATIONS

- DIMENSIONS — 13.75" Diameter x 7.16" Height.
- DRIVER — Universal Voltage (120-277V) Electronic Driver. 0-10V Low Voltage Dimming.
- FINISH — UV Stabilized powdercoat finish.
- HOUSING — Heavy-Duty aluminum construction with no crevices/recesses or exposed screws.
- LENS — Clear Polycarbonate Lens.
- LIGHT ENGINE — Energy Efficient Light Emitting Diode.
- BEAM ANGLE / LENS — 60° / 90° / 120° / 50x100° / Frosted Lens (120°).
- COLOR RENDERING INDEX — +73 CRI.
- OPERATIONAL TEMPERATURE (AMBIENT) — -40°C to 45°C / -40°F to 113°F
- POWER FACTOR — 0.95+.
- MOUNTING — Hook Mount, Aircraft Cable, and Pendant Mount.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. ETL, cETL, FCC, CE, RoHS Certified. Tested IK10 Impact Testing according to IEC 62262.2002. IP65 Rated. Buy American Act Compliant.
- WARRANTY — Standard 5 Years, defects and workmanship.



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## ORDERING INFO

Series	Mounting	Wattage	CCT	Beam Angle	Voltage	Finish	Options
ORDERING GUIDE:							

### SERIES

HBA3 = High Bay Smart 3 Series

### MOUNTING

HOOK = Hook Mount

ACM = Aircraft Cable Mount

PEND = Pendant Mount

— 6" Stem is Standard

— For Other Stem Lengths (Consult Factory)

#### Choose Pendant Canopy Style:

SWC-RR = Swivel Canopy for 4" Round J-Box

— Rapid Mount with Hinged Door

SWC-SR = Swivel Canopy for 4" Square J-Box

— Rapid Mount with Hinged Door

**Note: See Page 3 for Images/Examples**

### WATTAGE

**NOTE: Delivered Lumen Efficiency ±5%**

LED60 = 60 Watt LED (8,330 Delivered Lumens)

LED75 = 75 Watt LED (10,586 Delivered Lumens)

LED100 = 100 Watt LED (16,581 Delivered Lumens)

LED120 = 120 Watt LED (20,825 Delivered Lumens)

LED145 = 145 Watt LED (24,380 Delivered Lumens)

LED180 = 180 Watt LED (28,880 Delivered Lumens)

### COLOR TEMPERATURE (CCT)

3K = ±3000K range

4K = ±4000K range

5K = ±5000K range

### BEAM ANGLE / LENS

60D = 60°

90D = 90°

120D = 120°

5010D = 50°x100°

FRS = Frosted Lens (120°)

### VOLTAGE

347 = 347 Volt

480 = 480 Volt

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

### STANDARD FINISHES

BK = Black

### PREMIUM UPCHARGE FINISHES

SV = Silver

WH = White

### MISC OPTIONS

UPL = Uplight

### SENSOR OPTIONS

DS = Daylight Sensor

— Dims to Preset Illumination Level based on Ambient Light

— Light Can be Switched Off Manually

BLDA = Motion Sensor

— Mounting Height: ≤ 40ft

— 360° Coverage

— Dimming Levels: 10% / 25% / 50%

— Built-in Photocell for Ambient Light Detection

— **Requires REMT0009 Option**

### TELELIGHT WIRELESS CONTROL SYSTEM

**Certified Bluetooth® Mesh Components & Topology**

**Standard Fixture Options:** (Question? Consult Factory Rep)

TSC3 = Internal Fixture Controller w/External Antennae Cover

— McWong Model No.: PSC-WCM-50-BLE-SR

— TSC3 Requires Sensor

TSS14 = Internal PIR Low Bay Sensor w/External Lens

— McWong Model No.: PSC-BL-I-FM-DC0-BLE-SR

### ACCESSORY OPTIONS (order as a separate line)

REMT0009 = Remote Controller for Sensor Options

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## MOUNTING



**Hook Mount (HOOK)**

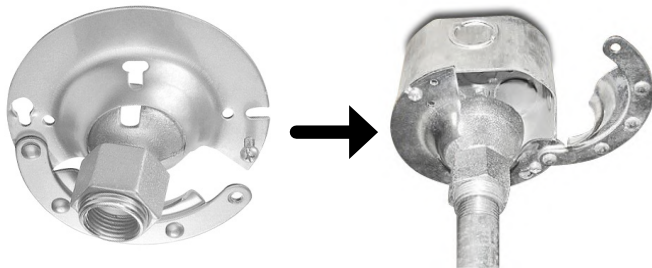


**Pendant Mount (PEND)**

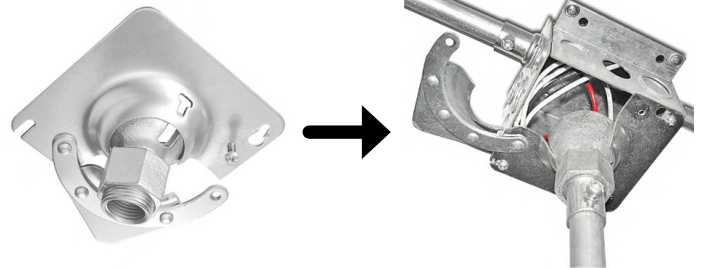


**Aircraft Cable Mount (ACM)**

## PENDANT SWIVEL CANOPY TYPES



**Swivel Canopy 4" for Round/Octagonal J-BOX  
 Rapid Mount with Hinged Door  
 (SWC-RR)**



**Swivel Canopy 4" for Square J-BOX  
 Rapid Mount with Hinged Door  
 (SWC-SR)**

## PRODUCT OPTIONS



**Frosted Lens (FRS)**  
*Snap-On Installation*  
 120° Beam Spread Only



**Uplight Option (UPL)**



**Motion Sensor**  
*Simple Plug-and-Play*  
 Installation



**REMT0009**  
*Required for*  
 Motion Sensor

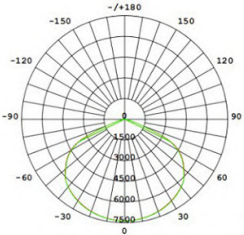
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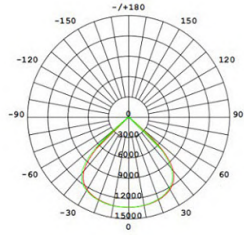
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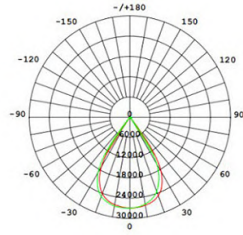
## LED DISTRIBUTION / OPTICS



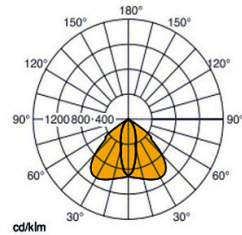
**120° (120D)**  
Wide Angle



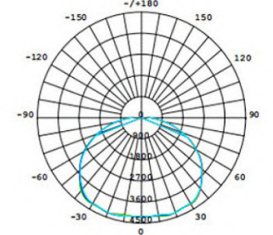
**90° (90D)**  
Medium Angle



**60° (90D)**  
Narrow Angle



**50\*100° (5010D)**  
Aisle Optic

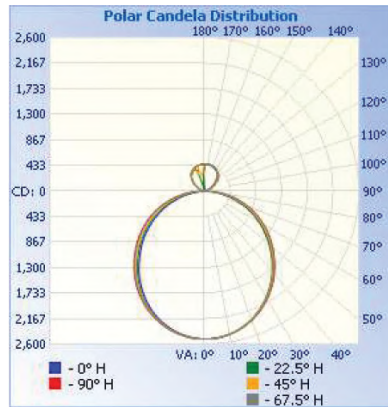


**Dome Lens (DM)**

## PHOTOMETRIC DATA

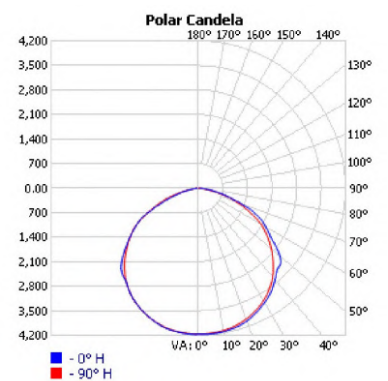
Summary of Results   HBA3-LED60-4K-120D-UNV-WH-PEND-UPL					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
8,329.5 Lumens	143.3 Lm/W	58.11W	4000K	Type VS	B2-U5-G1

Zonal Lumen Summary	
Zone	Lumens
0-30	1934.8
0-40	3154.3
0-60	5552.4
60-90	1660.2
70-100	771.5
90-120	174.4
0-90	7212.6
90-180	1116.9
0-180	8329.5



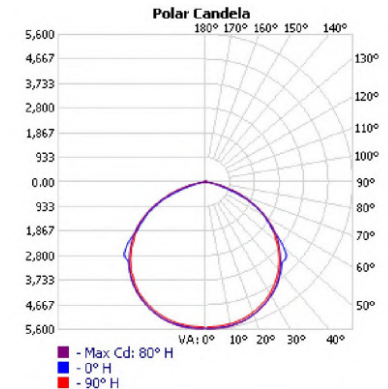
Summary of Results   HBA3-LED75-5K-120D					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
10,586 Lumens	141.5 Lm/W	74.8W	5000K	Type VS	B3-U2-G1

Zonal Lumen Summary	
Zone	Lumens
0-30	2,885.7
0-40	4,741.4
0-60	8,439.0
60-90	2,150.3
70-100	842.4
90-120	15.7
0-90	10,589.3
90-180	22.3
0-180	10,611.5



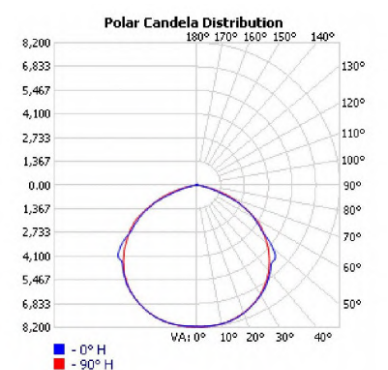
Summary of Results   HBA3-LED100-5K-120D					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
16,581 Lumens	165.15 Lm/W	100.4W	5000K	Type VS	B3-U3-G1

Zonal Lumen Summary	
Zone	Lumens
0-30	4,458.4
0-40	7,418.9
0-60	13,475.3
60-90	2,985.3
70-100	956.2
90-120	33.5
0-90	16,460.6
90-180	118.8
0-180	16,579.4



Summary of Results   HBA3-LED145-5K-120D					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
24,382 Lumens	162.8 Lm/W	149.8W	5000K	Type VS	B4-U3-G2

Zonal Lumen Summary	
Zone	Lumens
0-30	6,555.7
0-40	10,909.1
0-60	19,815.2
60-90	4,389.4
70-100	1,406.1
90-120	49.3
0-90	24,204.6
90-180	174.8
0-180	24,379.4



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## PHOTOMETRIC DATA

Summary of Results   HBA3-LED180-5K-120D					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
28,880 Lumens	160.0 Lm/W	180.5W	5000K	Type VS	B4-U3-G2

Zonal Lumen Summary	
Zone	Lumens
0-30	6,555.7
0-40	10,909.1
0-60	19,815.2
60-90	4,389.4
70-100	1,406.1
90-120	49.3
0-90	24,204.6
90-180	174.8
0-180	24,379.4

