HBA3

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

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.

The **Bluetooth**® word mark and logos are registered trademarks owned by **Bluetooth**® SIG, Inc.

ORDERING INFO

ORDERING GUIDE:

Series	Mounting	Wattage	CCT	Beam Angle	Voltage	Finish	Options

SERIES
HBA3 = High Bay Smart 3 Series

MOUNTING
HOOK = Hook Mount
TRUN = Trunnion 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%
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*100°
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 REMT0034 Option

TELLELIGHT 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

EMERGENCY BATTERY OPTIONS
NOTE: Emergency Battery is stored in a separate driver gear box.
EL16W = 16 Watt LED Emergency Battery

ACCESSORY OPTIONS (order as a separate line)
REMT0034 = Handheld Remote Control
    — REMT0034 Required for BLDA Option

2925 Lucy Lane | Franklin Park, IL 60131
P: 847-260-0336 I F:847-260-0344 | E: quotes@eclipselightinginc.com | W: eclipselightinginc.com

© 2025 Eclipse Lighting Inc.
Eclipse Lighting   pg.1
Rev. 3/31/2025

ECLIPSE™ LIGHTING

HBA3

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

MOUNTING

**Hook Mount
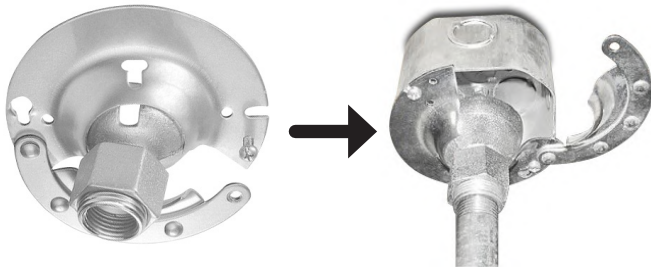(HOOK)**
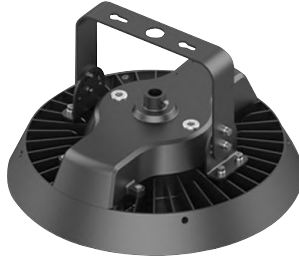
**Trunnion Mount
(TRUN)**
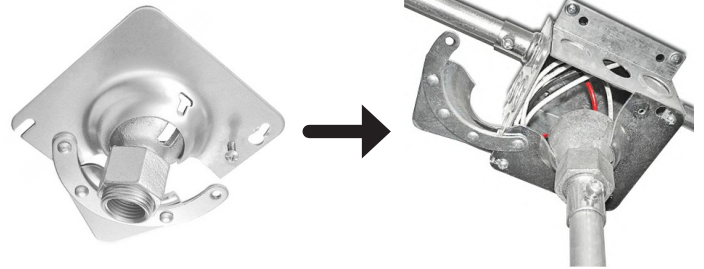
**Aircraft Cable Mount
(ACM)**

**Pendant Mount
(PEND)**

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

Emergency Battery
Battery is stored in a separate
driver gear box.

2925 Lucy Lane | Franklin Park, IL 60131
P: 847-260-0336 I F:847-260-0344 | E: quotes@eclipselightinginc.com | W: eclipselightinginc.com

ECLIPSE™ LIGHTING

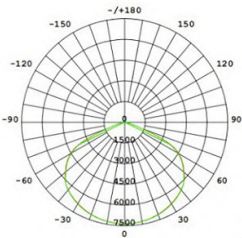© 2025 Eclipse Lighting Inc.
Eclipse Lighting   pg.2
Rev. 3/31/2025

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.

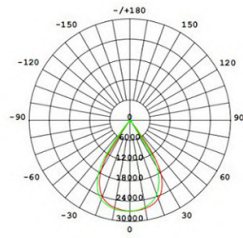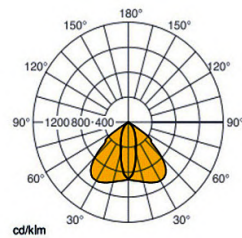|		TYPE
CATALOG #		
PROJECT/LOCATION		
APPROVED BY		

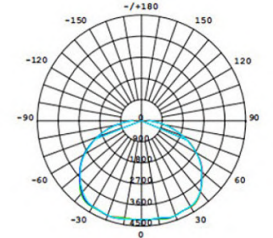## LED DISTRIBUTION / OPTICS

120° (120D)
Wide Angle
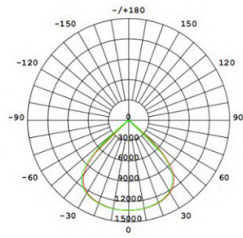
90° (90D)
Medium Angle

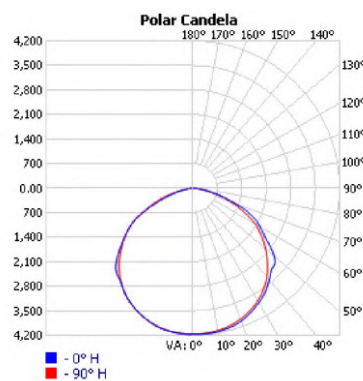**60° (90D)**
Narrow Angle

**50*100° (5010D)**
Aisle Optic

Dome Lens (DM)

PHOTOMETRIC DATA

Summary of Results | HBA3-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
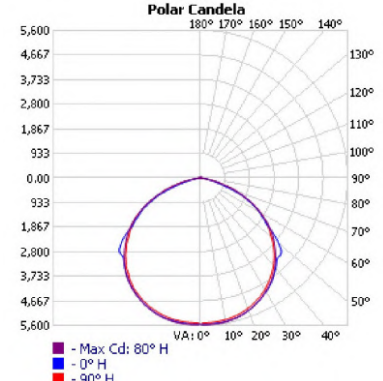
Summary of Results | HBA3-LED145-5K-120D

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
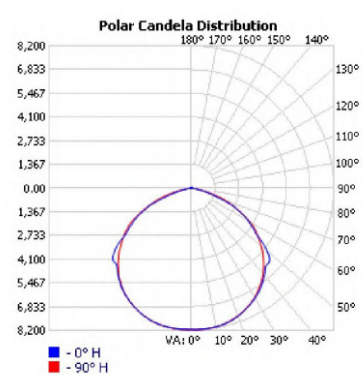
Summary of Results | HBA3-LED180-5K-120D

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

ECLIPSE™ LIGHTING

2925 Lucy Lane | Franklin Park, IL 60131
P: 847-260-0336 I F:847-260-0344 | E: quotes@eclipselightinginc.com | W: eclipselightinginc.com

© 2025 Eclipse Lighting Inc.
Eclipse Lighting   pg.3
Rev. 3/31/2025