

HBA4

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

- DRIVER — Universal Voltage (120~277V) Electronic Driver. 0-10V Low Voltage Dimming is Standard.
- FINISH — UV Stabilized powdercoat finish.
- HOUSING — Heavy-duty aluminum with built-in heatsink fins allowing heat to rise and dissipate.
- LENS — Polycarbonate.
- LIGHT ENGINE — Energy Efficient Light Emitting Diode. Efficacy 145 lm/w.
- BEAM ANGLE — 30° / 60° / 90° / 120°
- COLOR RENDERING INDEX — +75 CRI.
- POWER FACTOR — 0.95+.
- AMBIENT OPERATING TEMPERATURE — ≤ 50°C (122°F) ~ 65°C (149°F).
- MOUNTING — Hook Mount and Pendant Mount.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. ETL, cETL, FCC, SAA, CE, RoHS Certified. Tested IK10 Impact Testing according to IEC 62262.2002. IP65 Rated.
- WARRANTY — Standard 5 Years, defects and workmanship.



ORDERING INFO

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

SERIES

HBA4 = High Bay Smart 4 Series

MODEL TYPE

S = Single Fixture

D = Dual Tandem Fixtures

WATTAGE

Refer to Below Chart for Model / Wattage Compatibility

LED(xx) = LED (xx = Wattage, ex: LED150)

COLOR TEMPERATURE (CCT)

3K = ±3000K range (MoQ=10)

4K = ±4000K range (MoQ=10)

5K = ±5000K range (Standard)

BEAM ANGLE / LED DISTRIBUTION

30D = 30°

60D = 60°

90D = 90°

120D = 120°

VOLTAGE

347 = 347 Volt

480 = 480 Volt

UNV = Universal Volt (120-277v) Electronic Driver
 — 0-10V Low Voltage Dimming is Standard

STANDARD FINISH

BK = Black (Standard)

SV = Silver

WH = White

PREMIUM UPCHARGE FINISH

CC = Custom Color (Must Supply RAL Color #)

— MoQ of 25 for Custom Colors

MOUNTING OPTIONS

HOOK = Hook Mount

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

Note: See Page 3 for Images/Examples

SENSOR CONTROL (Sensor Integral to Fixture)

Note: See Accessory Options for Required Remote Controller

OCC = Occupancy Sensing | Motion Sensor Integral
 — Microwave / Single Feed / 120/277V Only
 — Standby Dim Level Presets: ON/OFF (0%/100%)
 — **Requires REMT0034 Option**

ACCESSORY OPTIONS (order as a separate line)

REMT0034 = Handheld Remote Control
 — REMT0034 **Required** for OCC Option

HBA4 SINGLE MODEL TYPE	HBA4 DUAL MODEL TYPE
150W / 200W / 240W / 320W	400W / 500W / 650W

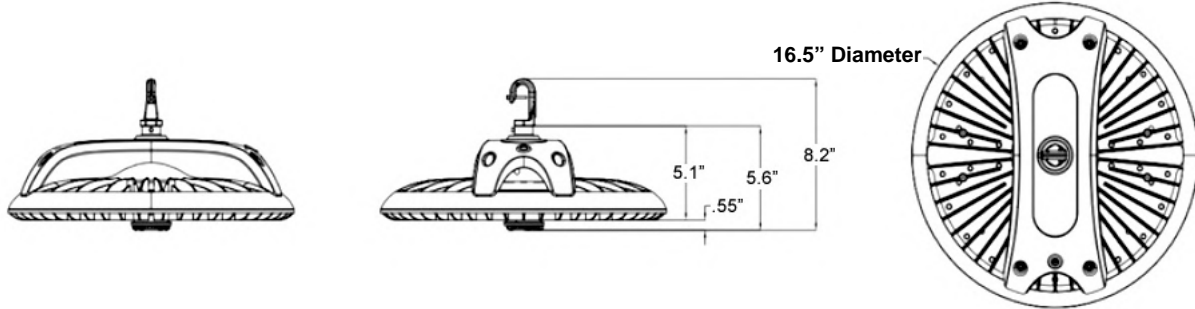
HBA4

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		

DIMENSIONS



MODEL TYPE / WATTAGE



HBA4 SINGLE MODEL TYPE			
WATTAGE	LUMENS (Based on 60° Beam Angle / 5000K CCT)	LUMENS (Based on 90° Beam Angle / 5000K CCT)	MAX AMBIENT TEMP
150 Watt	25,853 Lumens	25,854 Lumens	65°C
200 Watt	33,413 Lumens	34,380 Lumens	65°C
240 Watt	39,242 Lumens	39,775 Lumens	50°C
320 Watt	53,120 Lumens	52,052 Lumens	50°C

Note: Delivered lumen output is the same for all input voltages.



HBA4 DUAL TANDEM MODEL TYPE			
WATTAGE	LUMENS (Based on 60° Beam Angle / 5000K CCT)	LUMENS (Based on 90° Beam Angle / 5000K CCT)	MAX AMBIENT TEMP
400 Watt	66,826 Lumens	68,760 Lumens	65°C
500 Watt	78,484 Lumens	79,550 Lumens	50°C
650 Watt	106,240 Lumens	104,104 Lumens	50°C

Note: Delivered lumen output is the same for all input voltages.

THERMAL DESIGN FEATURES



HBA4

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		

MOUNTING OPTIONS

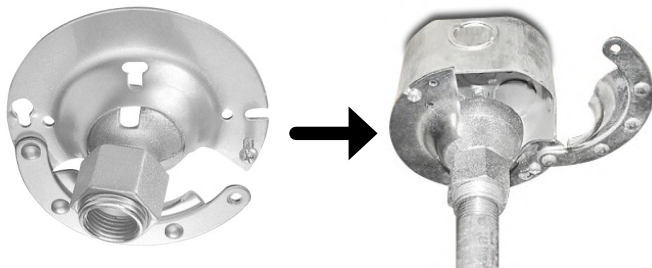


Hook Mount

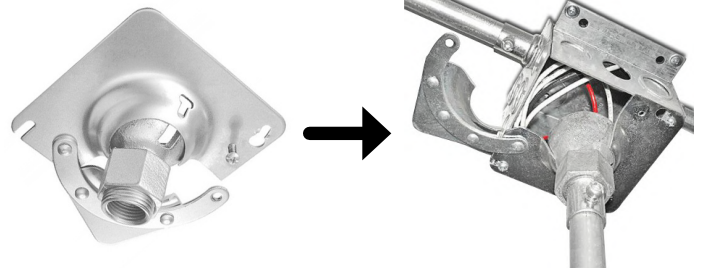


Pendant Mount
 3" or 6" Stem
 Includes 4" Conduit Box
 and Swivel Canopy

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

Occupancy Sensor (OCC)
 Simple Plug-and-Play
 Installation



HBA4

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

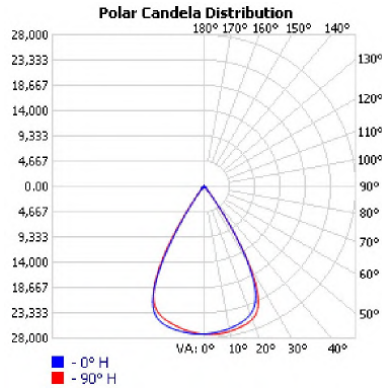
We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

PHOTOMETRIC DATA

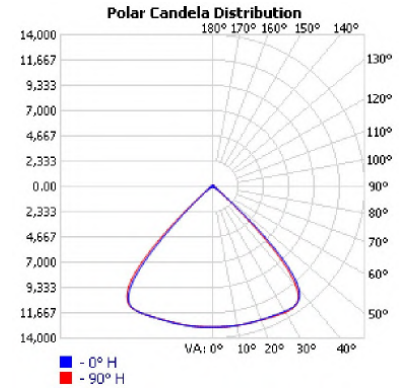
Summary of Results HBA4-S-LED150-5K-60D-UNV					
Lumen Output	Efficacy	Input Power	CCT	Beam Angle	BUG Rating
25,853 Lumens	171.6 Lm/W	150.654W	5000K	60 Degrees	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	9,999.8
Forward Medium (30-60)	2,635.7
Forward High (60-80)	196.0
Forward Very High (80-90)	21.3
Back Low (0-30)	9,987.6
Back Medium (30-60)	2,344.4
Back High (60-80)	187.4
Back Very High (80-90)	16.1
Up Low (90-100)	1.3
Up High (100-180)	229.8



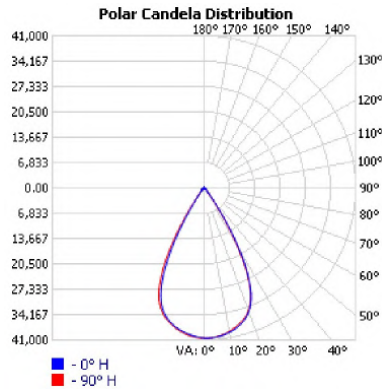
Summary of Results HBA4-S-LED150-5K-90D-UNV					
Lumen Output	Efficacy	Input Power	CCT	Beam Angle	BUG Rating
25,854 Lumens	172.3 Lm/W	150.065W	5000K	90 Degrees	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	5,531.3
Forward Medium (30-60)	7,255.6
Forward High (60-80)	218.5
Forward Very High (80-90)	17.0
Back Low (0-30)	5,544.7
Back Medium (30-60)	6,838.0
Back High (60-80)	205.3
Back Very High (80-90)	13.4
Up Low (90-100)	2.0
Up High (100-180)	227.5



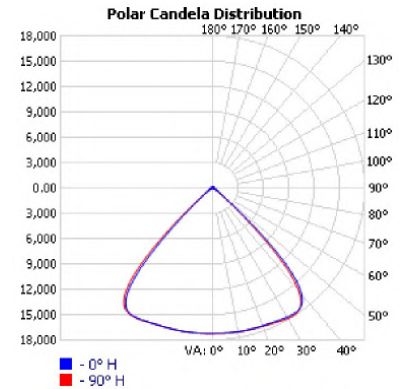
Summary of Results HBA4-S-LED200-5K-60D-UNV					
Lumen Output	Efficacy	Input Power	CCT	Beam Angle	BUG Rating
33,413 Lumens	167.1 Lm/W	200W	5000K	60 Degrees	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	13,629.3
Forward Medium (30-60)	3,046.7
Forward High (60-80)	329.8
Forward Very High (80-90)	38.9
Back Low (0-30)	13,122.5
Back Medium (30-60)	2,599.8
Back High (60-80)	314.8
Back Very High (80-90)	29.0
Up Low (90-100)	2.3
Up High (100-180)	299.8



Summary of Results HBA4-S-LED200-5K-90D-UNV					
Lumen Output	Efficacy	Input Power	CCT	Beam Angle	BUG Rating
34,380 Lumens	167.9 Lm/W	204.726W	5000K	90 Degrees	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	7,344.6
Forward Medium (30-60)	9,662.9
Forward High (60-80)	291.3
Forward Very High (80-90)	22.8
Back Low (0-30)	7,361.8
Back Medium (30-60)	9,098.8
Back High (60-80)	273.5
Back Very High (80-90)	17.8
Up Low (90-100)	2.8
Up High (100-180)	304.1



HBA4

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

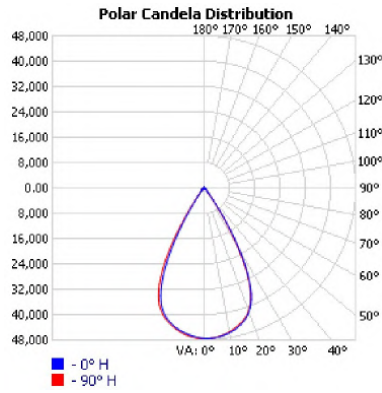
We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

PHOTOMETRIC DATA

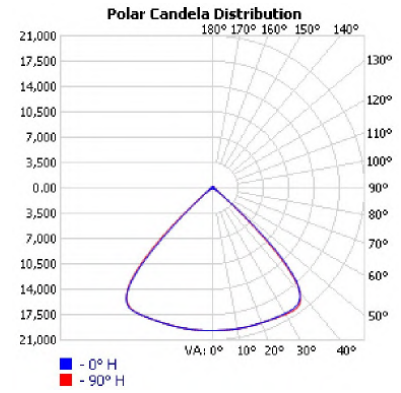
Summary of Results HBA4-S-LED240-5K-60D-UNV					
Lumen Output	Efficacy	Input Power	CCT	Beam Angle	BUG Rating
39,242 Lumens	167.0 Lm/W	235W	5000K	60 Degrees	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	16,011.7
Forward Medium (30-60)	3,569.0
Forward High (60-80)	386.2
Forward Very High (80-90)	45.5
Back Low (0-30)	15,420.0
Back Medium (30-60)	3,052.4
Back High (60-80)	368.4
Back Very High (80-90)	33.7
Up Low (90-100)	2.7
Up High (100-180)	352.2



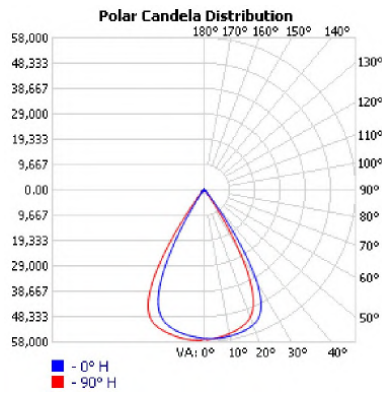
Summary of Results HBA4-S-LED240-5K-90D-UNV					
Lumen Output	Efficacy	Input Power	CCT	Beam Angle	BUG Rating
39,775 Lumens	164.72 Lm/W	241.469W	5000K	90 Degrees	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	8,361.2
Forward Medium (30-60)	11,268.4
Forward High (60-80)	306.8
Forward Very High (80-90)	23.3
Back Low (0-30)	8,374.4
Back Medium (30-60)	10,773.7
Back High (60-80)	293.7
Back Very High (80-90)	19.0
Up Low (90-100)	3.2
Up High (100-180)	351.6



Summary of Results HBA4-S-LED320-5K-60D-UNV					
Lumen Output	Efficacy	Input Power	CCT	Beam Angle	BUG Rating
53,120 Lumens	166.5 Lm/W	319W	5000K	60 Degrees	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	21,647.8
Forward Medium (30-60)	6,663.7
Forward High (60-80)	435.3
Forward Very High (80-90)	53.6
Back Low (0-30)	19,576.8
Back Medium (30-60)	3,871.8
Back High (60-80)	373.6
Back Very High (80-90)	27.5
Up Low (90-100)	3.1
Up High (100-180)	479.9



Summary of Results HBA4-S-LED320-5K-90D-UNV					
Lumen Output	Efficacy	Input Power	CCT	Beam Angle	BUG Rating
52,052 Lumens	165.2 Lm/W	315W	5000K	90 Degrees	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	10,926.8
Forward Medium (30-60)	14,794.2
Forward High (60-80)	400.6
Forward Very High (80-90)	30.8
Back Low (0-30)	10,945.8
Back Medium (30-60)	14,084.0
Back High (60-80)	380.3
Back Very High (80-90)	24.6
Up Low (90-100)	4.2
Up High (100-180)	460.2

