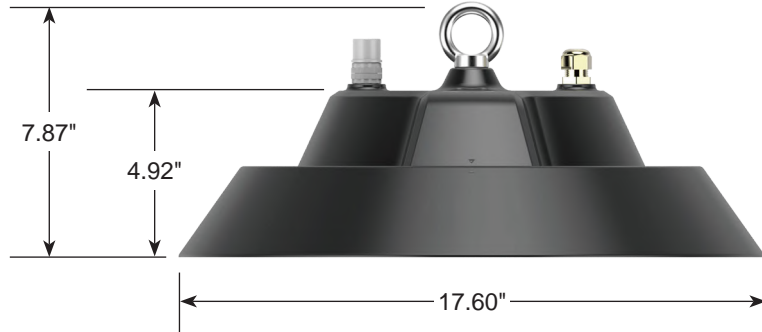# HBA2

LED High Bay Smart Luminaire
Integral Wi-Fi Mesh Network Controller
Motion Sensor / Daylight Sensor

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

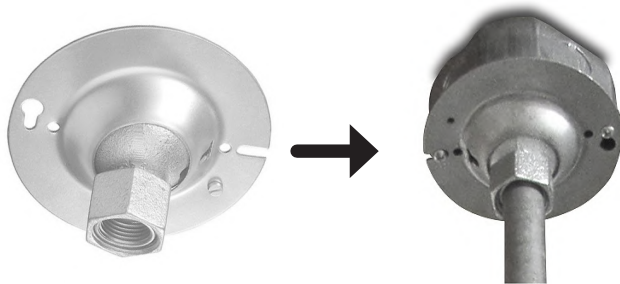| CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- DIMENSIONS — 17.60″ Diameter x 4.92″ Height (7.87″ Height with Ring)

- DRIVER — Universal Voltage (120~277V) Electronic Driver with 0-10V Dimming is Standard.

- FINISH — UV Stabilized powdercoat finish.

- HOUSING — Heavy-Duty aluminum construction with no crevices/recesses or exposed screws.

- LENS — Fireproof Polycarbonate.

- LIGHT ENGINE — Energy Efficient Light Emitting Diode. 160LPW.

- BEAM ANGLE — Standard 120°.

- COLOR RENDERING INDEX — +70 CRI.

- POWER FACTOR — >0.90

- MOUNTING — Hook Mount Ring or Pendant.

- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. IK10 / IP67 Rated.

  Certifications: ETL, cETL, DLC Premium, FCC, SAA, CE, RoHS, CB, TUV-GS.

- WARRANTY — Standard 5 Years, defects and workmanship.

  Consult Factory for Extended Conditional Warranty

Daylight Sensor   Zigbee Antenna

Motion Sensor

ORDERING INFO

ORDERING GUIDE:

Series	Mounting	Wattage	CCT	Beam Angle	Voltage	Finish	Options

SERIES
HBA2 = High Bay Smart 2 Series

MOUNTING
HOOK = Hook Mount Ring
PEND = Pendant Mount
  -½″ IPS Conduit Stem (3″ is Standard)
  -For Other Stem Lengths (Consult Factory)
  <u>Choose Pendant Canopy Style:</u>
  SWC-R = Swivel Canopy for 4″ Round J-Box
  SWC-RR = Swivel Canopy for 4″ Round J-Box
    — Rapid Mount with Hinged Door
  SWC-S = Swivel Canopy for 4″ Square J-Box
  SWC-SR = Swivel Canopy for 4″ Square J-Box
    — Rapid Mount with Hinged Door

WATTAGE
Note: Initial Lumens listed have ±5% range.
LED100 = 100 Watt LED | 160LPW (16,000lms)
LED120 = 120 Watt LED | 160LPW (20,400lms)
LED150 = 150 Watt LED | 160LPW (24,000lms)
LED190 = 190 Watt LED | 160LPW (30,400lms)

COLOR TEMPERATURE (CCT)
3K = ±3000K range
4K = ±4000K range
5K = ±5000K range

BEAM ANGLE / LENS
60D = 60°
90D = 90°
120D = 120° — STANDARD
FRL = Frosted Lens

VOLTAGE
347 = 347 Volt (Consult Factory)
480 = 480 Volt (Consult Factory)
UNV = Universal Volt (120-277v) Electronic Driver

STANDARD FINISHES
BK = Black — STANDARD
SV = Silver
WH = White

REFLECTOR OPTIONS
ALR = Aluminum Reflector
PCR = Polycarbonate Reflector

MISC OPTIONS
BC = Bird Cage
CCV = Cable Converter
NPTC = ¾″ NPT Converter
PLGC = Plug and Cable
SCHN = Steel Chain

CONTROL OPTIONS
MANUAL CONTROL (Wall Switch or Control System)
  D11 = DALI LED Dimming Driver - Consult Factory

OR

Sensor Control (Sensor Integral to Fixture)
Note: See Accessory Options for Required Remote Controller
BLDA = Motion Sensor
  — Plug-and-Play Installation
  — Mounting Height: ≤ 40ft
  — 360° Coverage
  — Dimming Levels: 10% / 25% / 50%
  — Built-in Photocell for Ambient Light Detection
  — Multi-Unit Control - Trigger a Single Sensor to
    Dim a Group of Fixtures
DS = Daylight Sensor
  — Dims to Preset Illumination Level
    based on Ambient Light
  — Light Can be Switched Off Manually
ZG = Zigbee Mesh Control - Trigger a Single Sensor to
    Dim a Group of Fixtures

ACCESSORY OPTIONS (order as a separate line)
REMT = Remote Controller for Sensor Options

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ECLIPSE™ LIGHTING

HBA2

LED High Bay Smart Luminaire
Integral Wi-Fi Mesh Network Controller
Motion Sensor / Daylight Sensor

CATALOG #		TYPE
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DIMENSIONS

7.87"
4.92"
17.60"

MOUNTING
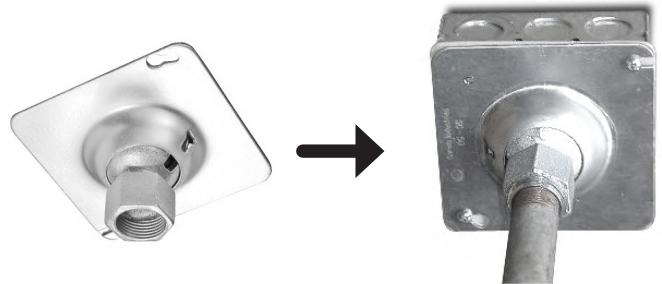
Hook Mount Ring (HOOK)
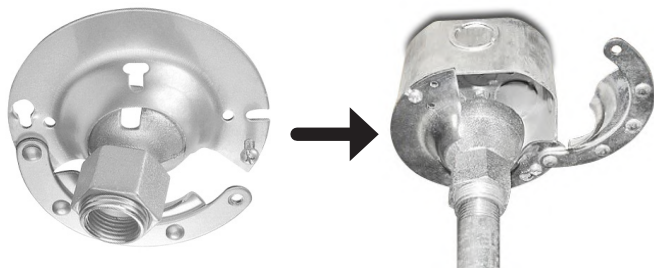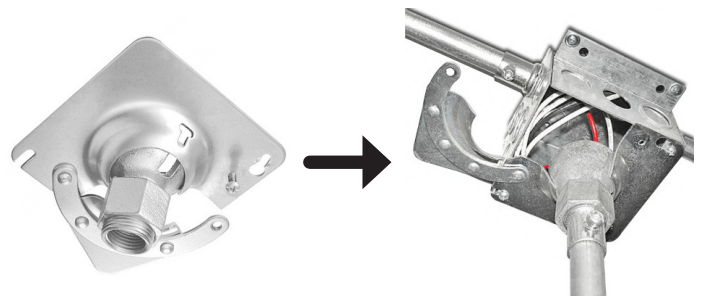
Pendant Mount (PEND)

PENDANT SWIVEL CANOPY TYPES

Swivel Canopy 4" for Round/Octagonal J-BOX (SWC-R)

Swivel Canopy 4" for Square J-BOX (SWC-S)

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)

ECLIPSE™
LIGHTING

HBA2

LED High Bay Smart Luminaire
Integral Wi-Fi Mesh Network Controller
Motion Sensor / Daylight Sensor

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PRODUCT OPTIONS

Motion Sensor (BLDA)
Simple Plug-and-Play Installation

Motion Sensor (BLDA)

Daylight Sensor (DS)

PC Reflector (PCR)

Aluminum Reflector (ALR)

Plug & Cable (PLGC)

Steel Chain (SCHN)

Cable Converter (CCV)

¾"NPT Converter (NPTC)

ECLIPSE™ LIGHTING