

HBX2-SERIES MONOPOINT HIGH BAY

INSTALLATION INSTRUCTIONS FOR

HBX2-1004-1 | HBX2-1004-2 HBX2-1005-1 | HBX2-1005-2 HBX2-1504-1 | HBX2-1504-2 HBX2-1505-1 | HBX2-1505-2 HBX2-2004-1 | HBX2-2004-2 HBX2-2005-1 | HBX2-2005-2 HBX2-2404-1 | HBX2-2404-2 HBX2-2405-1 | HBX2-2405-2 HBX2-3004-1 | HBX2-3004-2 HBX2-3005-1 | HBX2-3005-2



WHAT'S IN THE BOX

- HBX2 fixture
- Pre-installed 10' power cord
- Hanging hook with safety screw
- 3' quick clip steel safety cable

WHAT YOU'LL NEED

- Wiring supplies as per national and local electrical codes
- #2 Phillips screwdriver

One of the following are required to mount A. Optional HBX2-YK or HBX2-YK-L yoke mount, Plus to suspend or secure (field provided);

- o Mounting hardware for yoke or
- o Conduit to mount to yoke
- B. Hanging Chain
- C. Conduit to fixture (1/2" or 3/4")

IMPORTANT

Before installing fixture, read all instructions and retain for future reference. The important instructions and safeguards that appear in this document are not inclusive of all possible conditions and situations that may occur. It must be understood that common sense, caution, and care are factors that cannot be built into a product. These factors must be supplied by those that care and operate the fixture. Consider a qualified licensed electrician for installation.

For additional information required not covered in this document please contact a local representative.



WARNING AND SAFETY

- Risk of electric shock!
- Ensure power is OFF at the electrical panel before starting installation or maintenance
- Verify site supply voltage matches luminaire product label
- Ensure the cover is closed during operation
- Modifications to the product will void warranty
- Ambient temperature range under normal operation not to exceed 100W/150W/240W: -40°C to 55°C (-40°F to 131°F) 200W/300W: -40°C to 50°C (-40°F to 122°F)
- Wiring to fixture must be in accordance with the National Electrical Code and all applicable local electrical and safety regulations

HOOK OR EYEBOLT & CHAIN MOUNT

Remove knuckle screw and screw included hook or optional **HBX2-EYEBOLT** into top of fixture, ensuring gasket remains in place between fixture and hook/eyebolt. Use wrench to tighten hook. Tighten fixture safety set screw to secure hook/eyebolt.



Hang the luminaire with hook or eyebolt and carabiner on suspended hanging chain. Close safety screw on hook around chain to secure.





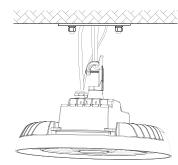
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With provided 10' of wire, connect to power supply as per included wiring diagrams.

Optional: Factory modification available to include 10' of external 0-10V dimming wire.



Turn power on, and test luminaire.



CONDUIT MOUNT

Top of fixture includes 1/2" NPT mount.

Optional: For 3/4" NPT mount, **HBX2-34NPT** adaptor is available.



Connect to power supply as per included wiring diagram.

Remove knuckle screw and attach conduit per all local electrical and safety regulations to maintain environment rating as required. For wet locations, ensure liquid-tight connectors are used.

Hinge fixture closed and screw junction box tightly to fixture.

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Ensure the set-screws are tightened on the fixture and adaptor if used.

Turn power on, and test luminaire.



With a #2 Phillips screwdriver, loosen the two junction box screws to unhinge the fixture and open the junction box.



YOKE MOUNT

HBX2-YK (100-200W) & HBX2-YK-L (240/300W)

Mark and drill holes into surface to match yoke.

With provided 10' of wire, connect to power supply as per included wiring diagrams.

Optional: Factory modification available to include 10' of external 0-10V dimming wire.

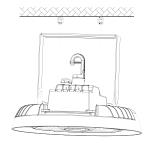
Attach yoke to the luminaire with provided yoke hardware. If mounting hardware does not allow for tightening with yoke attached, attach fixture to yoke once secured to surface (after step 3).

Turn power on, and test luminaire.



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Insert mounting hardware loosely to allow keyholes on yoke to slide in place. Once yoke in place tighten mounting hardware to secure yoke to surface.





SUSPENDED YOKE WITH 1/2" CONDUIT

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Attach yoke to the luminaire with provided yoke hardware.

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Attach conduit to yoke per all local electrical and safety regulations to maintain environment rating as required. For wet locations, ensure liquid-tight connectors are used.

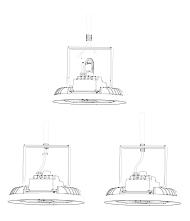
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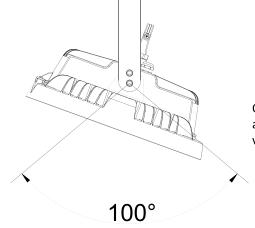
With provided 10' of wire, connect to power supply as per included wiring diagram.

Optional: Factory modification available to include 10' of external 0-10V dimming wire.

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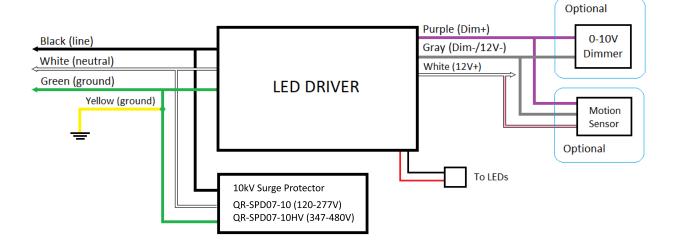
Turn power on, and test luminaire.





Once yoke installed, fixture can be adjusted to up to 50° on either side of vertical.

WIRING SCHEMATIC (ALL MODELS)



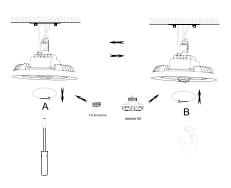
Optional: 20kV surge protectors are available.

INSTALLATION FOR OPTIONAL ACCESSORIES (ORDERED SEPARATELY)

HBX2-MS - Microwave Motion Sensor

- 1. Remove 1/2" center knockout on front face of fixture.
- 2. Screw **HBX2-MS** with silicone gasket in place until tight, ensuring gasket indents lock-in with matching fixture indents.
- 3. RC02 remote required to operate.

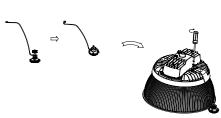
Optional: HBX2-MS-MA and **HBX2-MS-MA-L** available for side mount with aluminum reflectors.



MICROWAVE MOTION SENSOR FOR ALUMINUM REFLECTORS

HBX2-MS-MA (100-200W) & **HBX2-MS-MA-L** (240/300W)

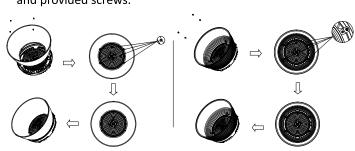
- 1. Secure motion sensor to mounting arm with plastic nut. Attach arm to fixture using provided screw.
- 2. Remove 1/2" knockout from the back of the fixture junction box open to access wiring.
- 3. Using provided cable gland, run wiring through gland and into junction box.
- 4. Fasten cable gland to fixture and tighten in place to ensure a tight seal.
- 5. Refer to attached wiring diagram to complete connections.
- 6. Once wiring is complete, close junction box and fasten tight to fixture.
- 7. RC02 remote required to operate.



REFLECTORS

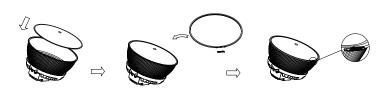
Aluminum: HBX2-REF-AL (100-200W) & HBX2-REF-AL-L (240/300W) Prismatic: HBX2-REF-PC (100-200W) & HBX2-REF-PC-L (240/300W)

1. Attached reflectors to front face of fixture with #2 Phillips and provided screws.



Prismatic Cone Lens: HBX2-REF-CL (100-300W)

- 1. Prismatic reflector required. Either HBX2-REF-PC or HBX2-REF-PC-L.
- 2. With prismatic reflector installed, open the ends of the circular steel channel and place around both the cone lens flange and flange of the prismatic reflector.
- 3. To secure, attach the provided spring to the circular steel channel.



RC02 - REMOTE FOR HBX2-MS

See specification sheet for detailed instruction.





HBX2-WG (100-200W) & **HBX2-WG-L** (240/300W)

WIRE GUARDS

- 1. Attached wire guard front face of fixture with #2 Phillips and provided screws.
- Note: wire guard can be installed in combination with reflectors.



HBX2-SPIKES - BIRD SPIKES

- 1. Attached bird spikes to back of fixture with #2 Phillips and provided screws.
- 2. Arrange as desired.



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