



## HBX3 Premium Round High Bay

### HIGHLIGHTS

- Premium round high bay with multiple configurable options to fit almost every application
- Controls Ready makes adding controls quick and easy. Includes screw-in receptacle for Standalone sensors or Networked Lighting Controls
- Field installed battery backup options
- Includes 10ft power and dimming cord and hook for mounting ease
- Hinged junction box for easy access to internal components
- Factory modification available for high temp applications (149°F/65°C)
- Prismatic and aluminum reflector and cone lens accessories available
- PowerSet feature allows for multiple lumen stops out of the box
- FieldCCeT features provides multiple color temperature settings in one fixture

### CERTIFICATIONS

- UL listed for US & Canada
- RoHS Compliant
- FCC Compliant
- ICES-005 Compliant
- IP65 Rated
- NEMA4X Rated
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance
- NSF listed for Food Zone, Splash Zone and Non Food Zone (Modification by EiKO is necessary to meet NSF standards)

### PERFORMANCE

- High efficacy, up to 160 lm/W
- Available in fixed wattage models: 150W or 200W and PowerSet models: power-selectable 150/130/100/80W, 240/220/200/180W or 300/285/270/255W models
- Available in single CCT models: 4000K or 5000K CCT or FieldCCeT models: field-selectable CCT 40/5000K
- CRI: >80
- Beam Angle: 110° (120-277V & 277-480V models) and 90° (120-347V models)
- Estimated L70: 100,000 Hours

### ELECTRICAL

- Input voltage: 120-277V, 277-480V, 120-347V
- 0-10V dimming, dim-to-off
- 12VDC Aux, 200mA max
- Surge protection: 10kV
- Power Factor: >0.9
- THD: <20%

### THERMAL

- -40°F to 131°F (-40°C to 55°C) ambient operating temperature
- Ambient operating temperature with sensor (see selected sensor datasheet)
- -40°F to 149°F (-40°C to 65°C) ambient operating temperature with high temp driver modification placement

### CONSTRUCTION

- Matte black or white powder coat, die-cast aluminum
- Impact-resistant polycarbonate lens
- 10ft power and dimming cord
- Mounting hook included

### WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

## KEY FEATURES

### CONTROLS READY

Easily add controls anytime without the need for additional wiring.

### INSTALLATION MADE EASY

Yoke mount and pole adaptors available. Ships with Hook. 10ft power and dimming cord out of the box makes installation and servicing easy. Reflectors and lens available.

### HIGH TEMP APPLICATION

Factory modification moves the driver so it can operate in high temperature applications (149°F/65°C)

### ENVIRONMENTAL PROTECTION

IP65 rated, resistant to corrosion (NEMA 4X)



|                |         |
|----------------|---------|
| project name   | type    |
| catalog number | voltage |
| approved by    | date    |



### APPLICATIONS

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Grocery Stores
- Gymnasiums
- Indoor Recreational Facilities
- Cold Storage
- Big Box Retail
- Service Repair Centers

AVAILABLE MODELS

| ORDER | ORDER CODE | ITEM #               | WATTS*           | CCT**      | LUMENS                         | EFFICACY (lm/W) | VOLTAGE  | FINISH | TRADITIONAL WATTAGE EQUIVALENT (@ MAX WATTS)        | DLC ID#  |
|-------|------------|----------------------|------------------|------------|--------------------------------|-----------------|----------|--------|-----------------------------------------------------|----------|
|       |            |                      |                  |            |                                |                 |          |        |                                                     | PREMIUM  |
|       | 13553      | HBX3-150-50-U        | 150W             | 5000K      | 24,000 lm                      | 160 lm/W        | 120-277V | Black  | Up to 400W HID                                      | S-CVRA8J |
|       | 13555      | HBX3-PS150-40-U      | 150/130/100/80W  | 4000K      | 24,000/20,800/16,000/12,800 lm | 160 lm/W        | 120-277V | Black  | 6 lamp 4ft 32W T8<br>4 lamp 4ft 54W T5<br>400W HID  | S-60NOMZ |
|       | 13556      | HBX3-PS150-50-U      | 150/130/100/80W  | 5000K      | 24,000/20,800/16,000/12,800 lm | 160 lm/W        | 120-277V | Black  | 6 lamp 4ft 32W T8<br>4 lamp 4ft 54W T5<br>400W HID  | S-6PIFHT |
|       | 13561      | HBX3-PS150-40-V      | 150/130/100/80W  | 4000K      | 24,000/20,800/16,000/12,800 lm | 160 lm/W        | 277-480V | Black  | 6 lamp 4ft 32W T8<br>4 lamp 4ft 54W T5<br>400W HID  | S-NSOZEX |
|       | 13562      | HBX3-PS150-50-V      | 150/130/100/80W  | 5000K      | 24,000/20,800/16,000/12,800 lm | 160 lm/W        | 277-480V | Black  | 6 lamp 4ft 32W T8<br>4 lamp 4ft 54W T5<br>400W HID  | S-B13EZQ |
|       | 13567      | HBX3-PS150-FCCT-H    | 150/130/100/80W  | 4000/5000K | 24,000/20,800/16,000/12,800 lm | 160 lm/W        | 120-347V | Black  | 6 lamwp 4ft 32W T8<br>4 lamp 4ft 54W T5<br>400W HID | S-FLH9X8 |
|       | 13568      | HBX3-PS150-FCCT-H-WH | 150/130/100/80W  | 4000/5000K | 24,000/20,800/16,000/12,800 lm | 160 lm/W        | 120-347V | White  | 6 lamwp 4ft 32W T8<br>4 lamp 4ft 54W T5<br>400W HID | S-FLH9X8 |
|       | 13554      | HBX3-200-50-U        | 200W             | 5000K      | 34,000 lm                      | 160 lm/W        | 120-277V | Black  | Up to 600W HID                                      | S-B6GY8W |
|       | 13557      | HBX3-PS240-40-U      | 240/220/200/180W | 4000K      | 38,400/35,200/32,000/28,800 lm | 160 lm/W        | 120-277V | Black  | 6 lamp 4ft 32W T8<br>4 lamp 4ft 54W T5<br>400W HID  | S-12BMOU |
|       | 13558      | HBX3-PS240-50-U      | 240/220/200/180W | 5000K      | 38,400/35,200/32,000/28,800 lm | 160 lm/W        | 120-277V | Black  | 6 lamp 4ft 32W T8<br>4 lamp 4ft 54W T5<br>400W HID  | S-1IXQ9D |
|       | 13563      | HBX3-PS240-40-V      | 240/220/200/180W | 4000K      | 38,400/35,200/32,000/28,800 lm | 160 lm/W        | 277-480V | Black  | 6 lamp T5<br>HO 750W HID                            | S-25EGAB |
|       | 13564      | HBX3-PS240-50-V      | 240/220/200/180W | 5000K      | 38,400/35,200/32,000/28,800 lm | 160 lm/W        | 277-480V | Black  | 6 lamp T5<br>HO 750W HID                            | S-NFJ5AR |
|       | 13569      | HBX3-PS240-FCCT-H    | 240/220/200/180W | 4000/5000K | 38,400/35,200/32,000/28,800 lm | 160 lm/W        | 120-347V | Black  | 6 lamp T5<br>HO 750W HID                            | S-423YB5 |
|       | 13570      | HBX3-PS240-FCCT-H-WH | 240/220/200/180W | 4000/5000K | 38,400/35,200/32,000/28,800 lm | 160 lm/W        | 120-347V | White  | 6 lamp T5<br>HO 750W HID                            | S-423YB5 |
|       | 13559      | HBX3-PS300-40-U      | 300/285/270/255W | 4000K      | 48,000/45,600/43,200/40,800 lm | 160 lm/W        | 120-277V | Black  | 1000W HID                                           | S-3OV8PE |
|       | 13560      | HBX3-PS300-50-U      | 300/285/270/255W | 5000K      | 48,000/45,600/43,200/40,800 lm | 160 lm/W        | 120-277V | Black  | 1000W HID                                           | S-CKO87T |
|       | 13565      | HBX3-PS300-40-V      | 300/285/270/255W | 4000K      | 48,000/45,600/43,200/40,800 lm | 160 lm/W        | 277-480V | Black  | 1000W HID                                           | S-ME9I1H |
|       | 13566      | HBX3-PS300-50-V      | 300/285/270/255W | 5000K      | 48,000/45,600/43,200/40,800 lm | 160 lm/W        | 277-480V | Black  | 1000W HID                                           | S-074YEN |

\* All power-selectable fixtures ship at the highest wattage setting

\*\* All CCT-selectable fixtures ship at 4000K

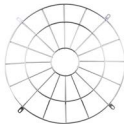
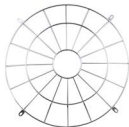
| FACTORY INSTALLED OPTIONS                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  |                                                                                          |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------|
| CUSTOM CORD LENGTH                                                                                                                                                                                                                                                                     | CORD END                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | HIGH TEMP                                                                                                        | ADDITIONAL SURGE PROTECTION                                                              | NSF              |
| <b>[Blank]</b> : Default, no length<br><b>W1xx</b> : 300V 18/3 white cord<br><b>W2xx</b> : 600V 18/3 white cord<br><b>W3xx</b> : 600V 18/6 white cord with dimming wires and a 24/7 hot wire for battery backup (Cord end option is not available)<br>Custom length required (in feet) | <b>[Blank]</b> : Default, no cord end<br><b>N01</b> : 125V 15A straight plug<br><b>N02</b> : 250V 15A straight plug<br><b>N04</b> : 125V 15A locking plug<br><b>N05</b> : 250V 15A locking plug<br><b>N06</b> : 277V 15A locking plug<br><b>N07</b> : 125V 20A straight plug<br><b>N08</b> : 250V 20A straight plug<br><b>N09</b> : 277V 20A straight plug<br><b>N10</b> : 125V 20A locking plug<br><b>N11</b> : 250V 20A locking plug<br><b>N12</b> : 277V 20A locking plug<br><b>N13</b> : 347V 20A locking plug<br><b>N14</b> : 480V 20A locking plug | <b>[Blank]</b> : Default, standard driver housing<br><b>HT</b> : High temp (149°F/65°C) driver housing component | <b>[Blank]</b> : Default, no additional protection<br><b>SP2</b> : 20kV surge protection | <b>NSF</b> : NSF |

| MODEL CONFIGURATOR |   |       |   |     |   |         |   |        | FACTORY INSTALLED OPTIONS |             |   |          |   |           |   |                  |
|--------------------|---|-------|---|-----|---|---------|---|--------|---------------------------|-------------|---|----------|---|-----------|---|------------------|
| MODEL              | - | WATTS | - | CCT | - | VOLTAGE | - | FINISH | -                         | CORD LENGTH | - | CORD END | - | HIGH TEMP | - | SURGE PROTECTION |
| HBX3               | - |       | - |     | - |         | - |        | -                         |             | - |          | - |           | - |                  |

EXAMPLE PART NUMBER: HBX3-090-40-U-W120-N01-SP2

REFER TO FOLLOWING SECTIONS FOR DETAILS ON FACTORY INSTALLED OPTIONS & AVAILABLE FIELD INSTALLED OPTIONS

## ACCESSORIES

| MOUNTING & PROTECTION ACCESSORIES |            |           |                                                                                                              |                                                                                      |
|-----------------------------------|------------|-----------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| ORDER                             | ORDER CODE | ITEM #    | DESCRIPTION                                                                                                  | IMAGE                                                                                |
|                                   | 13821      | PA-12-34* | HBX3 Pipe adaptor, 1/2" to 3/4"                                                                              |   |
|                                   | 800832     | HBX2-YK-L | 240-300W Mounting Yoke for HBX2 and HBX3                                                                     |   |
|                                   | 800821     | HBX2-YK   | 100-200W Mounting Yoke for HBX2 and HBX3                                                                     |   |
|                                   | 14308      | WG1-S*    | Wire guard, for BAYE3 100-240W fixed power, BAYE3 150W power select, HBX3 150-200W use with reflector        |   |
|                                   | 14309      | WG1-M*    | Wire guard, for BAYE3 240W power select, HBX3 240-300W use with reflector                                    |   |
| REFLECTORS                        |            |           |                                                                                                              |                                                                                      |
| ORDER                             | ORDER CODE | ITEM #    | DESCRIPTION                                                                                                  | IMAGE                                                                                |
|                                   | 14315      | REF1-PC-S | Reflector, Prismatic, for BAYE3 100-240W fixed power, BAYE3 150W power select, HBX3 150-200W (polycarbonate) |  |
|                                   | 14316      | REF1-PC-M | Reflector, Prismatic, for BAYE3 240W power select, HBX3 240-300W (polycarbonate)                             |  |
|                                   | 14318      | REF1-CL   | Cone lens, compatible with REF1-PC-S, REF1-PC-M (polycarbonate)                                              |  |
|                                   | 14319      | REF1-AL-S | Reflector, Aluminum, for BAYE3 100-240W fixed power, BAYE3 150W power select, HBX3 150-200W                  |  |
|                                   | 14320      | REF1-AL-M | Reflector, Aluminum, for BAYE3 240W power select, HBX3 240-300W                                              |  |

\* Visit [eiko.com](http://eiko.com) for compatible alternate from previous generation

## BATTERY BACKUPS

| ORDER | ORDER CODE | ITEM #        | DESCRIPTION                                                                                                              |
|-------|------------|---------------|--------------------------------------------------------------------------------------------------------------------------|
|       | 12901      | EEBW40WHA170* | EiKO Emergency Battery External 40W 100-347VAC 170VDC Cylinder IP65 CEC Compliant. Field Installed Only.                 |
|       | 12902      | EEBW40WVA500* | EiKO Emergency Battery External 40W 277-480VAC 310-500VDC Cylinder IP65 CEC Compliant. Field Installed Only.             |
|       | 13293      | RC-001        | Remote Control for EEBW Emergency Battery (Optional)                                                                     |
|       | 20683      | WH-CAB-MN-186 | 3 wire dimming cable used to swap the 2 wire dimming cable; required for the sensor and battery to work together on HBX3 |

**\* WARNING:** When using these AC version battery backups with any control solution, internal rewiring is required according to the installation sheet's wiring diagram. Failure to do so may result in a violation of safety codes.

## CONTROLS & SENSORS: FIELD INSTALLED

| ORDER                      | ORDER CODE | ITEM #        | DESCRIPTION                                                                                                                                                                            |
|----------------------------|------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>STANDALONE CONTROLS</b> |            |               |                                                                                                                                                                                        |
| <b>PIR SENSORS</b>         |            |               |                                                                                                                                                                                        |
|                            | 801053     | HBX2-MSP      | Stand-alone PIR Motion Sensor, 12V, Screw-in, Dust Gasket, 0-10V, Ambient Threshold, 20ft, Parameters set by RC02.                                                                     |
|                            | 13861      | SEN5A-SPPR-WH | Stand-alone PIR Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT.                                                         |
| <b>MICROWAVE SENSORS*</b>  |            |               |                                                                                                                                                                                        |
|                            | 801281     | MSF-DMR-12    | Stand-alone Microwave Motion Sensor, 12V, screw-in, 0-10V, Ambient Threshold, 49ft, Parameters set by RC02                                                                             |
|                            | 13859      | SEN5A-SPMR-WH | Stand-alone Microwave Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT.                                                   |
|                            | 13341      | SEN5A-SZMR-WH | Stand-alone Microwave Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT.<br><b>Note:</b> Screw-in to Z10 adaptor required: SENA-APZ-WH. |
|                            | 800827     | HBX2-MS       | Stand-alone Microwave Motion Sensor, 12V, Screw-in, Dust Gasket, 0-10V, Ambient Threshold, 40ft, Parameters set by RC02.                                                               |

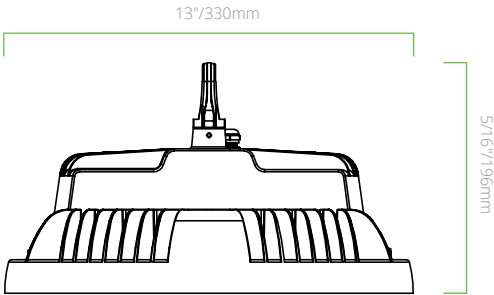
\* Microwave sensors must be installed on stable and immovable fixtures to avoid false activation from swinging.

|                                                      |        |                        |                                                                                                                                                                           |
|------------------------------------------------------|--------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>REMOTES FOR COMMISSIONING STANDALONE CONTROLS</b> |        |                        |                                                                                                                                                                           |
|                                                      | 13344  | SEN5A-ACT              | Commissioning Tool for SEN5A, BAY-E-SEN/PIR, BAY-E-SEN/M, and MS2-DPX-3 (Backward compatible with SEN5A/CT and RC-100)                                                    |
|                                                      | 800891 | RC02                   | Commissioning Tool for programming HBX2, FL5, HBV2, LHB4 center pin motion sensors                                                                                        |
| <b>NETWORKED LIGHTING CONTROLS (NLC)</b>             |        |                        |                                                                                                                                                                           |
| <b>SENSOR AND CONTROLLER</b>                         |        |                        |                                                                                                                                                                           |
|                                                      | 13865  | SENA-WPPA-WH           | BLE PIR Motion sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by Silvoir App                                                   |
|                                                      | 13246  | SENA-WZPA-WH           | BLE PIR Motion sensor, 12-24V, IP65, Z10, 0-10V, Daylight Harvesting, 40ft, Parameters set by Silvoir App.<br><b>Note:</b> Screw-in to Z10 adapter required: SENA-APZ-WH. |
|                                                      | 12643  | PSC-ZKV-WCM-100-BLE-SR | BLE TruBle wireless fixture Controller, 12-24V, Z10, 0-10V, Parameters set by Silvoir App.<br><b>Note:</b> Screw-in to Z10 adapter required: SENA-APZ-WH.                 |
| <b>WALL OR WIRELESS CONTROLLERS</b>                  |        |                        |                                                                                                                                                                           |
|                                                      | 12654  | ESRPB-W-EO             | BLE Easyfit by EnOcean wireless self-powered kinetic Single rocker pad, white, wall plate included.                                                                       |
|                                                      | 12655  | EDRPB-W-EO             | BLE Easyfit by EnOcean wireless self-powered kinetic Double rocker pad, white, wall plate included.                                                                       |
|                                                      | 12635  | PSC-DM-WS-100-BLE-SR   | BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvoir App.                                                                     |
|                                                      | 12636  | PSC-DM-I-WS-100-BLE-SR | BLE TruBlu PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvoir App.                                                    |
|                                                      | 12637  | PSC-DM-WS-400-BLE-SR   | BLE TruBlu 4-Button Wall Controller, 120-277V, Single Gang, White, Parameters set by Silvoir App.                                                                         |
| <b>ADAPTERS &amp; ACCESSORIES</b>                    |        |                        |                                                                                                                                                                           |
|                                                      | 13467  | SENA-APZ-WH            | Z10 adaptor 1/2" Screw-in spring load pins to Z10 Receptacle IP65 White.                                                                                                  |
|                                                      | 12994  | PSC-RET-100-BLE-SR     | BLE TruBlu Range Extender, 120-277V, 800ft, Nema 4X Outdoor Enclosure                                                                                                     |
|                                                      | 12993  | PSC-TKP-200-BLE-SR     | BLE TruBlu Battery Backup Timekeeper and Range Extender, 120V, 800ft, Nema 4X Outdoor Enclosure                                                                           |
|                                                      | 13234  | SGW-101                | BLE Silvoir Gateway SGW-101 Manufactured by Rigado (model: Cascade-500). 5-year from Silvoir warranty and tech support.                                                   |

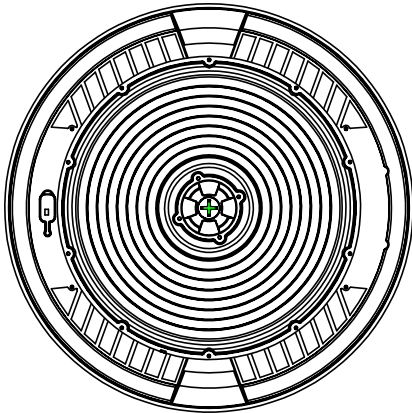
PRODUCT DIMENSIONS

100-200W MODELS

Weight: 8.6 lbs / 3.9 kg



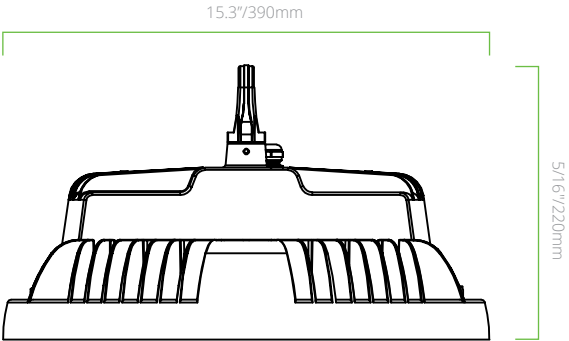
FRONT VIEW



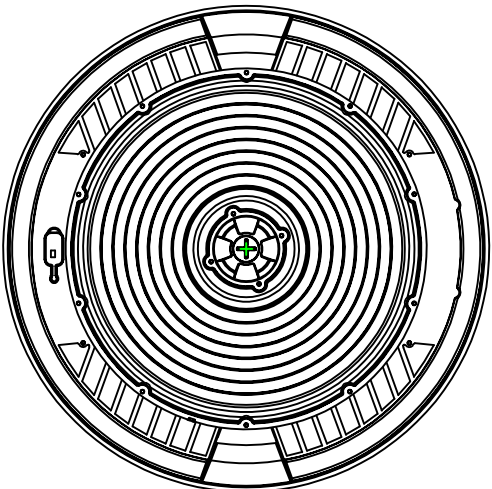
BOTTOM VIEW

240-300W MODELS

Weight: 13.9 lbs / 6.3 kg



FRONT VIEW



BOTTOM VIEW