



BAYE3 Round High Bay

HIGHLIGHTS

- Round high bay designed with performance and value in mind
- Controls Ready makes adding controls quick and easy. Includes screw-in receptacle for Standalone sensors or Networked Lighting Controls
- Includes extended length 10ft power and dimming cord for easy installation
- Reflectors and mounting 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 Certified for US & Canada
- RoHS Compliant
- FCC Compliant
- ICES-005 Compliant
- IP65 Rated
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- High efficacy, up to 150 lm/W
- Available in fixed wattage models: 100W, 150W, 200W, 240W or 300W and PowerSet models: power-selectable 150/130/100W and 240/200/180W
- Available in single CCT models: 4000K or 5000K CCT or FieldCCeT models: field-selectable CCT 35/40/5000K
- CRI: >80
- Beam Angle: 90°
- Rated Life L70:> 54,000 hours

ELECTRICAL

- Input voltage: 120-277V or 120-347V
- 0-10V dimming, dim-to-off
- 12VDC Aux, 200mA max
- Surge protection: 6kV
- Power factor: >0.9
- THD: <20%

THERMAL

- -40°F to 122°F (-40°C to 50°C) ambient operating temperature
- Ambient operating temperature with sensor (see selected sensor datasheet)

CONSTRUCTION

- Matte black or white powder coat, forged aluminum
- Impact-resistant polycarbonate lens
- 10ft power and dimming cord
- Eyebolt 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

PRE-INSTALLED 10FT CORD

10ft power and dimming cord out of the box makes installation and servicing easy

MULTIPLE MOUNTING OPTIONS

Multiple ways to mount; eyebolt (included), pipe adapter, hook or yoke mount (optional). Pipe adapter for pendant mounting (easily connects directly to conduit via 3/4" threaded pipe), hook mount quickly accommodates chain length, while the adjustable yoke mount is ideal for surface mount applications.



EASILY ADD CONTROLS
ANYTIME WITHOUT
ADDITIONAL WIRING



10FT POWER &
DIMMING CORD
INCLUDED



PIPE ADAPTER, HOOK OR YOKE
MOUNT ACCESSORIES FOR
INSTALLATION FLEXIBILITY

project name	type
catalog number	voltage
approved by	date



AVAILABLE IN MATTE BLACK OR WHITE



APPLICATIONS

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

MODEL CONFIGURATOR*

MODEL	WATTS	CCT	VOLTAGE & DIMMING	FINISH
BAYE3 : Round High Bay	100 : 100W 150 : 150W 200 : 200W 240 : 240W 300 : 300W PS150 : 150/130/100W PS240 : 240/200/180W	40K : 4000K 50K : 5000K FCCT : 3000/4000/ 5000K	U : 120-277V, 0-10V dimming H : 120-347V, 0-10V dimming	[Blank] : Default, Black color WH : White color

*Not all model combinations are available. See item list on following page for possible combinations.

FACTORY INSTALLED OPTIONS

CORD END

[Blank]: Default, no cord end
N01: 125V 15A straight plug
N02: 250V 15A straight plug
N04: 125V 15A locking plug
N05: 250V 15A locking plug
N06: 277V 15A locking plug
N07: 125V 20A straight plug
N08: 250V 20A straight plug
N09: 277V 20A straight plug
N10: 125V 20A locking plug
N11: 250V 20A locking plug
N12: 277V 20A locking plug
N13: 347V 20A locking plug

SEE BELOW FOR
FIELD INSTALLED
CONTROL OPTIONS

MODEL CONFIGURATOR

FACTORY INSTALLED OPTIONS

MODEL	-	WATTS	-	CCT	-	VOLTAGE & DIMMING	-	FINISH	-	CORD END
BAYE3	-		-		-		-		-	

EXAMPLE PART NUMBER: BAYE3-PS240-FCCT-U-WH-N01

AVAILABLE MODELS

ORDER CODE	ITEM #	WATTS*	CCT**	LUMENS	EFFICACY (lm/W)	FINISH	TRADITIONAL WATTAGE EQUIVALENT	DLC ID #
								PREMIUM
13143	BAYE3-100-40-U	100W	4000K	15,000 lm	150 lm/W	Black	Up to 400W HID	S-JIW8Z9
13144	BAYE3-100-50-U	100W	5000K	15,000 lm	150 lm/W	Black	Up to 400W HID	S-A12FTK
13153	BAYE3-100-40-H	100W	4000K	15,000 lm	150 lm/W	Black	Up to 400W HID	S-5QC6DU
13154	BAYE3-100-50-H	100W	5000K	15,000 lm	150 lm/W	Black	Up to 400W HID	S-5M9I7L
13145	BAYE3-150-40-U	150W	4000K	22,500 lm	150 lm/W	Black	Up to 400W HID	S-WUMTY8
13155	BAYE3-150-50-U	150W	5000K	22,500 lm	150 lm/W	Black	Up to 400W HID	S-B1Y9MX
13149	BAYE3-150-40-H	150W	4000K	22,500 lm	150 lm/W	Black	Up to 400W HID	S-ELF9NX
13156	BAYE3-150-50-H	150W	5000K	22,500 lm	150 lm/W	Black	Up to 400W HID	S-G5DJNE
13163	BAYE3-PS150-FCCT-U	150/130/100W	3500/4000/5000K	22,500/19,500/15,000 lm	150 lm/W	Black	Up to 400W HID	S-Q8DPVZ
13164	BAYE3-PS150-FCCT-U-WH	150/130/100W	3500/4000/5000K	22,500/19,500/15,000 lm	150 lm/W	White	Up to 400W HID	S-Q8DPVZ
13167	BAYE3-PS150-FCCT-H	150/130/100W	3500/4000/5000K	22,500/19,500/15,000 lm	150 lm/W	Black	Up to 400W HID	S-Q8NL4P
13147	BAYE3-200-40-U	200W	4000K	30,000 lm	150 lm/W	Black	Up to 600W HID	S-61QZA7
13148	BAYE3-200-50-U	200W	5000K	30,000 lm	150 lm/W	Black	Up to 600W HID	S-FJ1Z5Y
13157	BAYE3-200-40-H	200W	4000K	30,000 lm	150 lm/W	Black	Up to 600W HID	S-ZTWFSa
13158	BAYE3-200-50-H	200W	5000K	30,000 lm	150 lm/W	Black	Up to 600W HID	S-ZK52LF
13149	BAYE3-240-40-U	240W	4000K	36,000 lm	150 lm/W	Black	Up to 750W HID	S-YJMGB3
13150	BAYE3-240-50-U	240W	5000K	36,000 lm	150 lm/W	Black	Up to 750W HID	S-OIBGME
13159	BAYE3-240-40-H	240W	4000K	36,000 lm	150 lm/W	Black	Up to 750W HID	S-76FBKS
13160	BAYE3-240-50-H	240W	5000K	36,000 lm	150 lm/W	Black	Up to 750W HID	S-X9Q7J3
13165	BAYE3-PS240-FCCT-U	240/200/180W	3500/4000/5000K	36,000/30,000/27,000 lm	150 lm/W	Black	Up to 750W HID	S-KRNJOY
13166	BAYE3-PS240-FCCT-U-WH	240/200/180W	3500/4000/5000K	36,000/30,000/27,000 lm	150 lm/W	White	Up to 750W HID	S-KRNJOY
13168	BAYE3-PS240-FCCT-H	240/200/180W	3500/4000/5000K	36,000/30,000/27,000 lm	150 lm/W	Black	Up to 750W HID	S-IFOAYQ
13151	BAYE3-300-40-U	300W	4000K	45,000 lm	150 lm/W	Black	Up to 1000W HID	S-XYA23C
13152	BAYE3-300-50-U	300W	5000K	45,000 lm	150 lm/W	Black	Up to 1000W HID	S-ZEHM09
13161	BAYE3-300-40-H	300W	4000K	45,000 lm	150 lm/W	Black	Up to 1000W HID	S-WQ6B2U
13162	BAYE3-300-50-H	300W	5000K	45,000 lm	150 lm/W	Black	Up to 1000W HID	S-8K90T2

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

** All CCT-selectable fixtures ship at 5000K.

ACCESSORIES

ORDER	ORDER CODE	ITEM #	DESCRIPTION
MOUNTING & PROTECTION ACCESSORIES			
	14212	HOOK-M10*	BAYE3 Mounting hook, for 100-240W
	14331	HOOK-12-NSF**	BAYE3 Mounting hook, for 300W
	10741	BAY-E-PA-3/4NPS-BK	BAYE3 Pipe Adaptor, M10 to 3/4", for 100-240W
	13821	PA-12-34*	BAYE3 Pipe Adaptor, 1/2" to 3/4", for 300W
	14304	BAYE3-YK-S	BAYE3 Mounting yoke, for 100-240W fixed power, 150W PowerSet
	14305	BAYE3-YK-M	BAYE3 Mounting yoke, for 240W PowerSet
	14214	BAYE3-YK-L	BAYE3 Mounting yoke, for 300W
	14308	WG1-S*	BAYE3 Wire guard, for 100-240W fixed power, 150W PowerSet
	14309	WG1-M*	BAYE3 Wire guard, for 240
	14310	WG1-L	BAYE3 Wire guard, for 300W
REFLECTORS			
	14315	REF-PC-S*	BAYE3 Reflector, Prismatic, for 100-240W fixed power, 150W PowerSet (polycarbonate)
	14316	REF1-PC-M*	BAYE3 Reflector, Prismatic, for 240W PowerSet (polycarbonate)
	14317	REF1-PC-L	BAYE3 Reflector, Prismatic, 300W (polycarbonate)
	14318	REF1-CL*	BAYE3 Cone lens, compatible with REF1-PC-S, REF1-PC-M (polycarbonate)
	14319	REF1-AL-S*	BAYE3 Reflector, Aluminum, for 100-240W fixed power, 150W PowerSet
	14320	REF1-AL-M*	BAYE3 Reflector, Aluminum, for 240W PowerSet
	14321	REF1-AL-L	BAYE3 Reflector, Aluminum, BAYE3 300W

* Visit eiko.com for compatible alternate from previous generation.

** BAYE3 fixture is not NSF rated.

CONTROLS & SENSORS: FIELD INSTALLED*

ORDER	ORDER CODE	ITEM #	DESCRIPTION
STANDALONE CONTROLS			
PIR SENSORS			
	801282	MSF-DPR-12	Stand-alone PIR Motion Sensor, 12V, Screw-in, 0-10V, Ambient Threshold, 20ft, Parameters set by RC02.
	13342	SEN5A-SZPR-WH	Stand-alone PIR Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT. Note: Screw-in to Z10 adaptor required: SENA-APZ-WH.
MICROWAVE SENSORS*			
	801281	MSF-DMR-12	Stand-alone Microwave Motion Sensor, 12V, screw-in, 0-10V, Ambient Threshold, 49ft, Parameters set by RC02
	11931	SEN5A/M/Z10	Stand-alone Microwave Motion Sensor, 12-24V, Z10, 0-10V, Ambient Threshold, 40ft, Parameters set by RC-100/SEN5A-ACT. Note: Screw-in to Z10 adaptor required: SENA-APZ-WH.
	13341	SEN5A-SZMR-WH	Stand-alone Microwave Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT. Note: Screw-in to Z10 adaptor required: SENA-APZ-WH.

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

REMOTES FOR COMMISSIONING STANDALONE CONTROLS			
	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.

NETWORKED LIGHTING CONTROLS (NLC)			
SENSOR AND CONTROLLER			
	13246	SENA-WZPA-WH	BLE PIR Motion sensor, 12-24V/IP65, Z10, 0-10V, Daylight Harvesting, 40ft, Parameters set by Silvair App. Note: Screw-in adaptor required: SENA-APZ-WH.
	12643	PSC-ZKV-WCM-100-BLE-SR	BLE TruBle wireless fixture Controller, 12-24V, Z10, 0-10V, Parameters set by Silvair App. Note: Screw-in to Z10 adaptor required: SENA-APZ-WH.
WALL OR WIRELESS CONTROLLERS			
	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 Silvair 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 Silvair App.
	12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 120-277V, Single Gang 4-Button Wall Controller, White, Parameters set by Silvair App.
ADAPTERS & ACCESSORIES			
	13467	SENA-APZ-WH	Z10 adapter 1/2" Screw-in spring load pins to Z10 Receptacle IP65 White

* **NOTE:** The 300W BAYE3 is the only model that can use a Battery Backup in conjunction with a control solution.

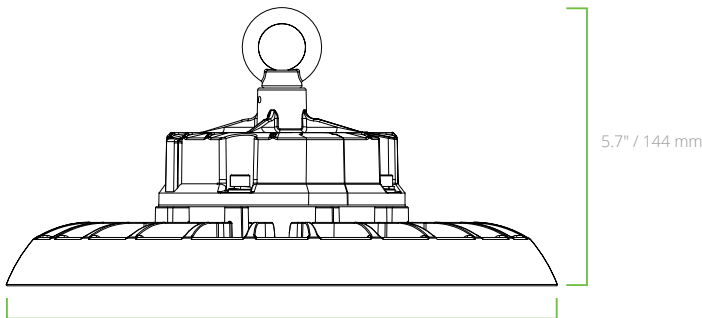
BATTERY BACKUPS**

ORDER	ORDER CODE	ITEM #	DESCRIPTION
	12901	EEBW40WHA170*	EiKO Emergency Battery External 40W 100-347VAC 170VDC Cylinder IP65 CEC Compliant.
	12902	EEBW40WVA500*	EiKO Emergency Battery External 40W 277-480VAC 310-500VDC Cylinder IP65 CEC Compliant.
	13293	RC-001	Remote Control for EEBW Emergency Battery (Optional)

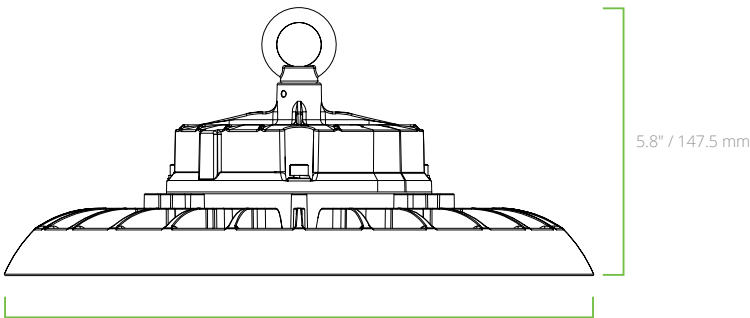
*** WARNING:** When using these AC version battery backups with any control solution, internal rewiring is required according to the installation sheet's wiring diagram. Failure to do so may result in a violation of safety codes.

****NOTE:** The 300W BAYE3 is the only model that can use a Battery Backup in conjunction with a control solution.

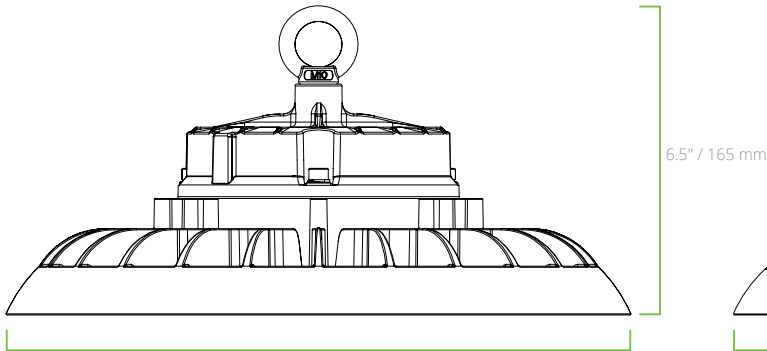
PRODUCT DIMENSIONS



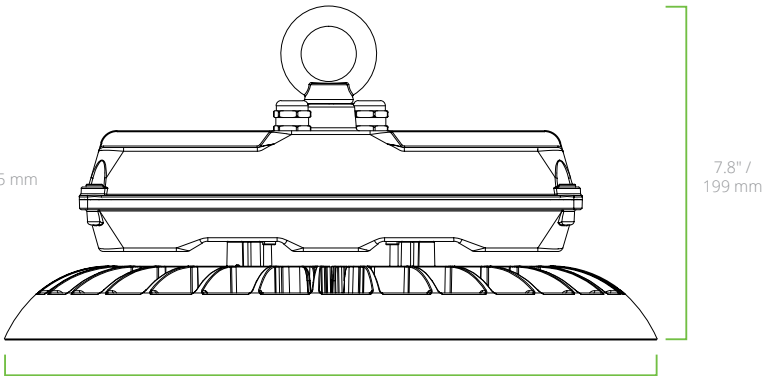
11" / 280 mm
100W TO 150W MODELS



13" / 325 mm
200W MODELS



12.8" / 325 mm
240W MODELS



15.3" / 390 mm
300W MODELS