project name	type
catalog number	voltage
approved by	date

BAYE4 LED HIGH BAY LUMINAIRE FAMILY

The EiKO BAYE4 Round High Bay Luminaire delivers powerful, energy-efficient LED illumination for large indoor spaces. Its compact, contractor-friendly design enables fast installation while the durable die-cast housing ensures long-term reliability. Ideal for warehouses, gyms, and industrial facilities, it provides uniform light output with optional 0-10V dimming for flexible lighting control.

POWER SET · COLOR SET · OPTIC SET · CONTROLS READY · DLC LISTED PREMIUM · NEMA 4X · NSF · IP65 · DIMMABLE · IK08 · UL CERTIFIED · RoHS Compliant · FC · CAN ICES-005 · 5 YR LIMITED WARRANTY

SPECIFICATIONS

INTENDED USE

- Ideal replacement for conventional HID and Fluorescent high bay fixtures, providing energy-efficient LED lighting for large indoor spaces.

CONSTRUCTION & INSTALLATION

- Robust die-cast aluminum housing with durable IK08 impact resistant PC lens
- Available in matte black or white powder coat paint finish
- Multiple Mounting Options available:
  - Default hook mount
  - Optional yoke for surface mounting; pipe Adaptor M10 to 3/4" for pendant mounting
- Prismatic reflectors, cone lens, aluminum reflectors, optional accessories available for focused light distribution.
- Wire Guard options for each size available for added security
- Sensor receptacle with cover to allow easy field installation of sensors

ELECTRICAL

- PowerSET: Three-step power settings for field-adjustable light output via dip switch
- Input Voltage: 120-347V, 277-480V; 50/60 Hz
- Dimming: 0-10V
- Power Factor: >0.9, THD: <20%
- Surge Protection: 6kV in-built
- Cord Options: default 6ft power and dimming cord or factory installed cord end options

OPTICAL

- ColorSET: Field-adjustable color temperature via dip switch (3500K/4000K/5000K)
- OpticSET: Field-adjustable light distributions (60°/90°)
- Lumen output: Up to 48,000 lm
- CRI: 80+
- Rated Life: up to L70/100,000 hours at 25°C.

ENVIRONMENTAL

- Operating Temperature: -40°F to 122°F (-40°C to 50°C)
- Suitable for dry, damp and wet environments

OTHER

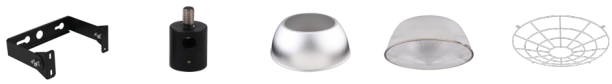
- UL certified for both US and Canada
- Factory-installed options:
  - Cord-end

WARRANTY

- 5 Year limited warranty available online. Contact your EiKO sales rep for additional details.

FEATURES

- Higher degree flexibility with PowerSET, OpticSET and ColorSET field adjustable switches.
- Contractor-friendly compact, lightweight design makes installation fast and easy
- Robust solution with 6kV surge protection designed to ANSI standards for Industrial environments
- Easy integration with sensors, controls, and smart lighting networks



BAYE3-YK-S Yoke Mount · **PA-M10-34** Pipe Adaptor · **REF1-AL** Aluminum Reflector · **REF1-PC** Prismatic Reflector & Cone Lens · **REF1-AL** Aluminum Reflector

APPLICATIONS

- Gymnasiums
- Warehouses
- Manufacturing Plants
- Indoor Recreational Facilities
- Distribution Centers
- Service Repair Centers

AVAILABLE MODELS

ORDER CODE	MODEL #	WATTS (W)	CCT (K)	LUMENS (LM)	LIGHT DISTRIBUTION
120-347V					
15862	BAYE4-PS150-OS-8FCCT-HDIM	**150**/120/100	3500/4000/**5000**	**22,500**/18,600/16,000	60⁰/**90⁰**
16458	BAYE4-PS150-OS-8FCCT-HDIM-WH*	**150**/120/100	3500/4000/**5000**	**22,500**/18,600/16,000	60⁰/**90⁰**
15866	BAYE4-PS240-OS-8FCCT-HDIM	**240**/200/150	3500/4000/**5000**	**36,000**/31,000/24,000	60⁰/**90⁰**
16459	BAYE4-PS240-OS-8FCCT-HDIM-WH*	**240**/200/150	3500/4000/**5000**	**36,000**/31,000/24,000	60⁰/**90⁰**
15868	BAYE4-PS300-OS-8FCCT-HDIM	**300**/240/200	3500/4000/**5000**	**45,000**/37,200/32,000	60⁰/**90⁰**
277-480V					
15865	BAYE4-PS150-OS-8FCCT-VDIM	**150**/120/100	3500/4000/**5000**	**22,500**/18,600/16,000	60⁰/**90⁰**
15867	BAYE4-PS240-OS-8FCCT-VDIM	**240**/200/150	3500/4000/**5000**	**36,000**/31,000/24,000	60⁰/**90⁰**
15869	BAYE4-PS300-OS-8FCCT-VDIM	**300**/240/200	3500/4000/**5000**	**45,000**/37,200/32,000	60⁰/**90⁰**

Default Settings: Max power, 90 deg light distribution, 5000K CCT
** White finish SKUs*

ORDERING GUIDE

MODEL CONFIGURATOR							FACTORY INSTALLED OPTIONS	
MODEL	WATTS (W)	LIGHT DISTRIBUTION	COLOR TEMPERATURE (K)	INPUT VOLTAGE (VAC)	DIMMING	FINISH	CORD END	CONTROL OPTIONS
BAYE4		**OS**	**8FCCT**		**DIM**			
BAYE4: Round HighBay	**PS:** PowerSET **PS150: 150**/120/100W **PS240: 240**/200/150W **PS300: 300**/240/200W	**OS:** OpticSET **[Blank]:** Default 60⁰/90⁰	**8 -** CRI > 80 **FCCT:** ColorSET (3500/4000/5000K)	**H:** 120-347V **V:** 277-480V	**DIM:** 0-10V	**[Blank] -** Default, Black **WH -** White Finish	**[Blank] -** Default, no cord end **N01:** 125V 15A straight plug 5-15P **N04:** 125V 15A locking plug L5-15P **N06:** 277V 15A locking plug L7-15P **N12:** 277V 20A locking plug L7-20P **N13:** 347V 20A locking plug L24-20P **N14:** 480V 20A locking plug L8-20P	**[Blank]:** Default, screw-in DC sensor receptacle only **SEN1:** Stand-alone DC sensor PIR **SEN3:** Stand-alone DC sensor daylight **SEN4:** Stand-alone DC sensor PIR + daylight **SEN-NLC-[name]:** Networked Light Control (i.e. SEN-NLC- Silvair)

EXAMPLE PART NUMBER: BAYE4-PS150–OS-8FCCT-HDIM-N04

LUMEN TABLE

MODEL	POWER SETTING	OPTIC SETTING	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
120-347V (HDIM) & 277-480V (VDIM)								
BAYE4-PS150	100W	60°	16,550	168	17,700	184	16,900	172
		90°	16,000	162	17,350	179	16,000	160
	120W	60°	18,950	165	20,450	183	19,550	169
		90°	18,400	156	19,800	175	18,600	154
	150W	60°	22,950	159	24,800	178	23,300	162
		90°	22,050	150	24,250	172	**22,500**	**150**
BAYE4-PS240	150W	60°	24,950	170	25,850	183	24,700	170
		90°	24,600	165	25,900	180	24,000	162
	200W	60°	31,500	165	34,000	185	32,100	169
		90°	31,300	162	33,650	180	31,000	160
	240W	60°	36,800	163	39,300	181	36,950	165
		90°	35,350	155	38,000	174	**36,000**	**150**
BAYE4-PS300	200W	60°	36,550	182	37,150	193	36,300	182
		90°	34,800	171	36,450	188	34,600	170
	240W	60°	42,850	180	43,400	190	41,050	173
		90°	40,800	167	42,900	185	37,200	165
	300W	60°	47,650	163	51,100	182	48,000	164
		90°	46,350	155	49,800	175	**45,000**	**151**

Default Settings: Max power, 90 deg light distribution, 5000K CCT

DLC LISTING INFORMATION

ORDER CODE	MODEL NUMBER	PRODUCT ID	CLASSIFICATION	PRIMARY USE DESIGNATION
120-347V				
15862	BAYE4-PS150-OS-8FCCT-HDIM	S-WKV41D	Premium	High-Bay Luminaires for Commercial and Industrial Buildings
15866	BAYE4-PS240-OS-8FCCT-HDIM	S-Z6X1M3	Premium	High-Bay Luminaires for Commercial and Industrial Buildings
15868	BAYE4-PS300-OS-8FCCT-HDIM	S-P9X50X	Premium	High-Bay Luminaires for Commercial and Industrial Buildings
277-480V				
15865	BAYE4-PS150-OS-8FCCT-VDIM	S-G7XZRX	Indoor Luminaires	High-Bay Luminaires for Commercial and Industrial Buildings
15867	BAYE4-PS240-OS-8FCCT-VDIM	S-KNFBVB	Indoor Luminaires	High-Bay Luminaires for Commercial and Industrial Buildings
15869	BAYE4-PS300-OS-8FCCT-VDIM	S-6X9V3Z	Indoor Luminaires	High-Bay Luminaires for Commercial and Industrial Buildings

MOUNTING SOLUTIONS

ORDER	ORDER CODE	ITEM #	DESCRIPTION	IMAGES
	14212	HOOK-M10	Mounting hook M10, for BAYE4 PS150-PS300, BAYE3 PS150-PS240, BAYE3 100-240 fixed power	
	14304	BAYE3-YK-S	Mounting yoke, for BAYE4 PS150-PS300, BAYE3-PS150, BAYE3 100-240 fixed power	
	14311	PA-M10-34	Pipe adaptor, M10 to 3/4", side hole, BAYE4 PS150-PS300, BAYE3 PS150-PS240, BAYE3 100-240 fixed power	

WIRE GUARDS & REFLECTORS

ORDER	ORDER CODE	ITEM #	DESCRIPTION	IMAGES
	14308	WG1-S	Wire guard, for BAYE4-PS150, BAYE3-PS150, BAYE3 100-240 fixed power, HBX3 150-200	
	16463	WG2-M	Wire guard, for BAYE4-PS240	
	16464	WG2-L	Wire guard, for BAYE4-PS300	
	14319	REF1-AL-S	Reflector, Aluminum, for BAYE4-PS150, BAYE3-PS150, BAYE3 100-240 fixed power, HBX3 150-200	
	14320	REF1-AL-M	Reflector, Aluminum, for BAYE4-PS240, BAYE3-PS240, HBX3 240-300	
	14321	REF1-AL-L	Reflector, Aluminum, for BAYE4-PS300, BAYE3 300 fixed power	
	14315	REF1-PC-S	Reflector, Prismatic, for BAYE4-PS150, BAYE3-PS150, BAYE3 100-240 fixed power, HBX3 150-200	
	14316	REF1-PC-M	Reflector, Prismatic, for BAYE4-PS240, BAYE3-PS240, HBX3 240-300	
	14317	REF1-PC-L	Reflector, Prismatic, for BAYE4-PS300, BAYE3 300 fixed power	
	14318	REF1-CL	Cone lens, compatible with REF1-PC-S, REF1-PC-M	
	16462	REF1-CL-L	Cone lens, compatible with REF1-PC-L	

COMPATIBLE SENSORS

ORDER	ORDER CODE	ITEM #	DESCRIPTION	IMAGES
STANDALONE				
	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 (use for SEN1, SEN3, SEN4 Mod Configurations)	
	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 (use for SEN2 Mod Configuration)	
	13344	SEN5A-ACT	Commissioning Tool for SEN5A sensors	
NETWORKED				
	13865	SENA-WPPA-WH	BLE PIR Motion sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by Silvair App (use for SEN-NLC-SILVAIR Mod Configuration)	

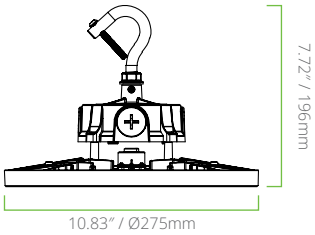
EMERGENCY LIGHTING SOLUTIONS

ORDER	ORDER CODE	NAME	DESCRIPTION	IMAGES
	12901	EEBW40WHA170* *View spec sheet*	**EiKO 40W** - 120-347VAC Hook mounting CEC Compliant. See spec sheet for full details.	
	12902	EEBW40WVA500* *View spec sheet*	**EiKO 40W** - 277-480VAC Hook mounting CEC Compliant. See spec sheet for full details.	
	13293	RC-001 *View spec sheets*	Remote Control for EEBW Battery Pack (optional)	

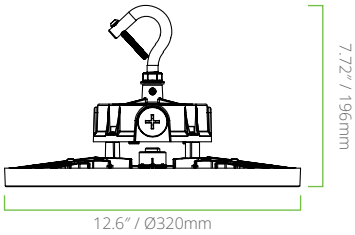
**** WARNING:*** *When using these AC version battery packs with any controls solution, internal rewiring is required according to the installation sheets' wiring diagram. Failure to do so may result in a violation of safety codes. View Installation Instructions*

PRODUCT DIMENSIONS

Hook Mount (included Accessory)



BAYE4 - PS150



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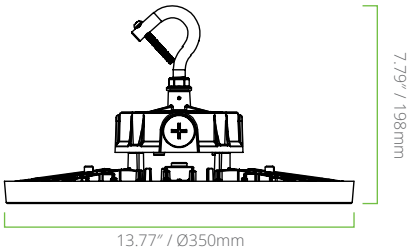
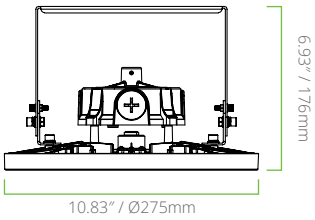
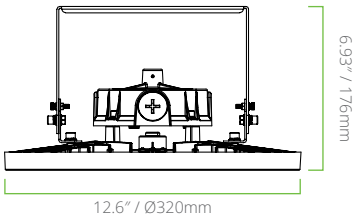


BAYE4 - PS300

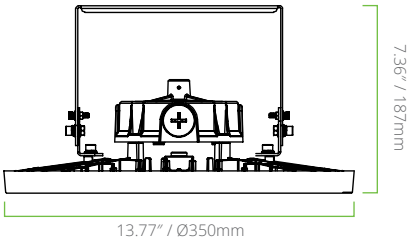
Yoke Mount (Optional accessory)



BAYE4 - PS150



BAYE4 - PS240



BAYE4 - PS300