



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.



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



APPLICATIONS

- Gymsnasiums
- 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	60°/90°
16458	BAYE4-PS150-OS-8FCCT-HDIM-WH*	150/120/100	3500/4000/5000	22,500/18,600/16,000	60°/90°
15866	BAYE4-PS240-OS-8FCCT-HDIM	240/200/150	3500/4000/5000	36,000/31,000/24,000	60°/90°
16459	BAYE4-PS240-OS-8FCCT-HDIM-WH*	240/200/150	3500/4000/5000	36,000/31,000/24,000	60°/90°
15868	BAYE4-PS300-OS-8FCCT-HDIM	300/240/200	3500/4000/5000	45,000/37,200/32,000	60°/90°
277-480V					
15865	BAYE4-PS150-OS-8FCCT-VDIM	150/120/100	3500/4000/5000	22,500/18,600/16,000	60°/90°
15867	BAYE4-PS240-OS-8FCCT-VDIM	240/200/150	3500/4000/5000	36,000/31,000/24,000	60°/90°
15869	BAYE4-PS300-OS-8FCCT-VDIM	300/240/200	3500/4000/5000	45,000/37,200/32,000	60°/90°

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 60°/90°	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





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)	

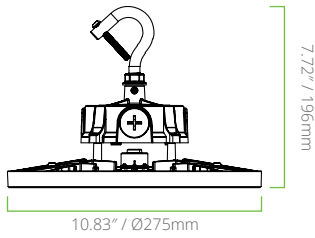
EMERGENCY LIGHTING SOLUTIONS

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)	

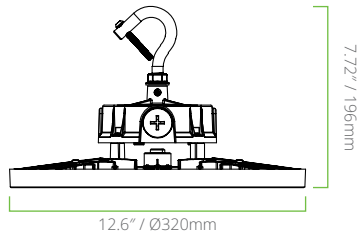
*** WARNING:** When using these AC version battery packs with any controls solution, internal rewiring is required according to the installation sheets' wiring diagram. Failure to do so may result in a violation of safety codes. View Installation Instructions

PRODUCT DIMENSIONS

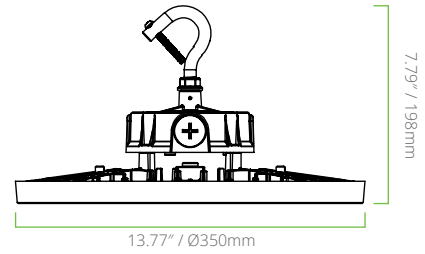
Hook Mount (included Accessory)



BAYE4 - PS150

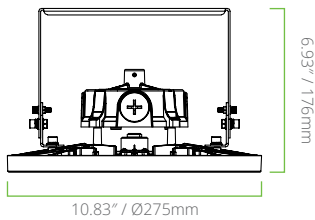


BAYE4 - PS240

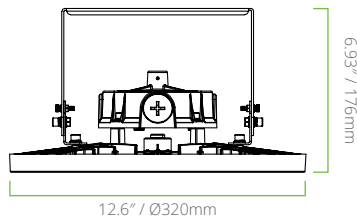


BAYE4 - PS300

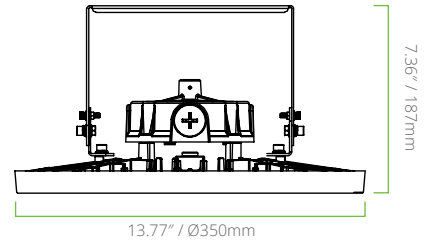
Yoke Mount (Optional accessory)



BAYE4 - PS150



BAYE4 - PS240



BAYE4 - PS300