



EOS High Bay

DESCRIPTION

EOS HE Series Compact LED High Bay Fixtures provide an energy and cost efficient alternative to standard High Intensity Discharge (HID) and High Intensity Fluorescent (HIF) in warehouse and other mid/high mount applications. These sleek luminaires are IP67 rated for use in interior and exterior applications. Three different optic options create a uniform, consistent light level.

FEATURES

- Uniform light distribution
- No wire guard necessary; rugged and durable polycarbonate lens protects LEDs
- UGR < 19
- No hazardous metals, mercury or sodium
- High light efficiency (150 lm/watt)
- High power factor (>0.95)
- Xi-Fi Option allows for 0-10V dimming, grouping and motion sensing

CERTIFICATIONS

- DesignLights Consortium® Qualified Networked Lighting Controls Systems
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest
- DLC qualification for efficacy and lumen maintenance
- IP67 (Wet Location) Rated
- Complies with IESNA requirements
- ROHS Compliant

PERFORMANCE

- Rated lifetime: L70 >60,000 hours @ 58°C
- 3000K, 3500K, 4000K, 5000K CCT
- CRI: >80

ELECTRICAL

- Input voltage: 100-277V or 277-480V (optional)
- Power Factor: >0.95
- THD: <20%
- Xi-Fi Option allows for 0-10V continuous dimming (below 10%), Grouping and Motion Sensing

THERMAL

- -40°F to 131°F (-40°C to 55°C) operating temperature standard

CONSTRUCTION

Powder-coated aluminum construction

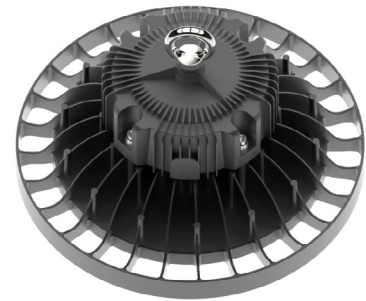
WARRANTY

- 5 year limited warranty. Additional warranty options available. Contact EiKO for details



Xi-Fi® is a simple and intuitive wireless control system. This powerful sub-GHz technology fulfills the essential lighting control requirements while being secure, reliable, and easily scalable. [Click for details](#)

project name	type
catalog number	voltage
approved by	date



APPLICATIONS

- Garages
- Tunnels
- Canopy Areas
- Covered Roadways
- Entrances to Buildings
- Warehouses and Production Areas

CONFIGURATOR

EXAMPLE: **XHH100-40UY-090N-HE-XI**

PRODUCT CODE	STYLE	WATTS	- CCT	VOLTS	DIM	- BEAM	REFLECTOR	- EFFICIENCY	FINISH	- OPTIONAL
XH - EOS High Bay	H	100 - 100W 120 - 120W 160 - 160W 200 - 200W 240 - 240W	30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K	U - 100-277V H - 277-480V	Y - Yes	060 - 60° 090 - 90° 120 - 120°	N - None	HE - High Efficiency	(Blank) - Gray BLK - Black WHT - White	XI - Xi-Fi Capable HT - High Temp Driver PC6 - Power Cord 6' PC10 - Power Cord 10' DC6 - Dimming Cable 6' DC10 - Dimming Cable 10'



PERFORMANCE SUMMARY

ITEM #	WATTS	LUMENS	CCT	CRI	VOLTS	DIMMING	NLC QPL*	DLC PREMIUM
XHH100-40UY-090N-HE-XI	100W	13,700	4000K	>80	100-277V	0-10V	✓	✓
XHH120-40UY-090N-HE-XI	120W	16,440	4000K	>80	100-277V	0-10V	✓	✓
XHH160-40UY-090N-HE-XI	160W	21,920	4000K	>80	100-277V	0-10V	✓	✓
XHH200-40UY-090N-HE-XI	200W	30,200	4000K	>80	100-277V	0-10V	✓	✓
XHH240-40UY-090N-HE-XI	240W	32,880	4000K	>80	100-277V	0-10V	✓	✓
XHH100-50UY-090N-HE-XI	100W	13,900	5000K	>80	100-277V	0-10V	✓	✓
XHH120-50UY-090N-HE-XI	120W	16,680	5000K	>80	100-277V	0-10V	✓	✓
XHH160-50UY-090N-HE-XI	160W	22,240	5000K	>80	100-277V	0-10V	✓	✓
XHH200-50UY-090N-HE-XI	200W	30,400	5000K	>80	100-277V	0-10V	✓	✓
XHH240-50UY-090N-HE-XI	240W	33,360	5000K	>80	100-277V	0-10V	✓	✓

Note: To change beam angle, replace "090" in part number with "060" for 60° or "120" for 120°. *DLC Qualified Networked Lighting Controls Systems

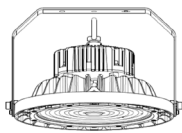
ACCESSORIES

ITEM #	DESCRIPTION
XCM-EOS	Xi-Fi System (suspends from side of EOS)
NOTE: If the Xi-Fi System is ordered, one Remote and one Dongle, or the Xi-Fi Ready Tablet Kit, will be required for operation.	
EC-018-9N-147	Precision ID Remote
EC-004-2N-129	USB Adaptor ("Dongle")
EC-009-6X-328	Xi-Fi Ready Tablet Kit (includes Remote & Dongle)
PP-001-FE-093	70° Reflector
PP-001-FE-094	Reflector Cover
MC-005-15-139	Pole Mount Adaptor for 100-160W Fixtures (M10)
MC-005-15-140	Pole Mount Adaptor for 200-240W Fixtures (M12)
XEBHB-50W	50W Battery Backup (100-160W fixtures only)

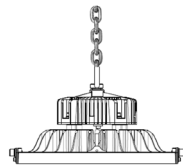


Xi-Fi READY TABLET KIT

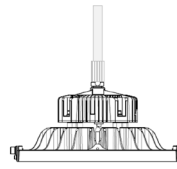
MOUNTING OPTIONS



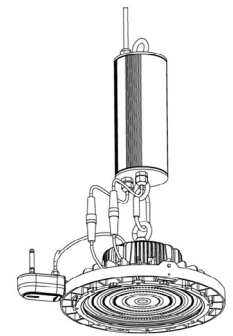
SURFACE MOUNT
(Standard)



CHAIN MOUNT
(Not recommended for fixtures with Xi-Fi)



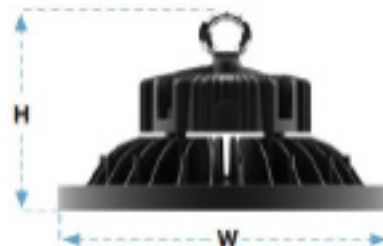
POLE MOUNT
(See table above for ordering info)



SUSPENDED 50W BATTERY BACKUP
(100-160W only)

DIMENSIONS

ITEM #	WIDTH	HEIGHT	WEIGHT
XHH100	11-7/8"	7-3/8"	8.8 lbs.
XHH120	11-7/8"	8-1/8"	8.8 lbs.
XHH160	14-1/8"	8-1/8"	15.5 lbs.
XHH200	14-1/8"	8-1/2"	15.2 lbs.
XHH240	14-1/8"	8-1/2"	15.2 lbs.



PHOTOMETRICS

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%TOTAL
0-10	1192	4.58%
10-20	3483	13.42%
20-30	5423	20.8%
40-50	6417	24.7%
50-60	5507	21.1%
50-60	2570	9.9%
60-70	932.2	3.6%
70-80	397.5	1.5%
80-90	97.51	0.4%
Total	26019	100%

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-60	24592	94.6%
60-90	1427	5.4%
0-90	26019	100%
90-180	0	0%
0-180	26019	100%

