



EOS : LED HIGH BAY

DESCRIPTION

EOS HE Series of 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 as rugged and durable polycarbonate lens protects LED's from collisions
- 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

LISTINGS

- DesignLights Consortium® Qualified Networked Lighting Controls Systems
- 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: >.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

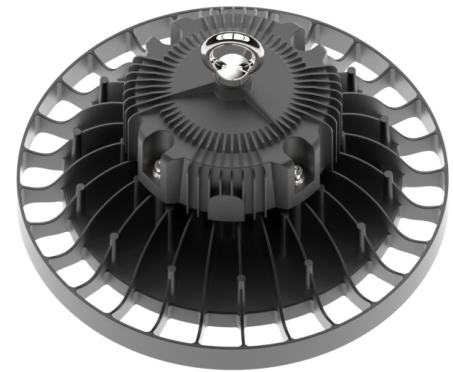
CONSTRUCTION

- Powder-coated aluminum construction

WARRANTY

- 5 year limited warranty; see eiko.com for warranty details

project name	type
catalog number	
comments	voltage
approved by	date



APPLICATIONS

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



ORDERING INFORMATION:

EXAMPLE: XHH100-40UY-090N-HE

Model	Watts	CCT	Voltage	Dimming	Beam	Reflector	Efficiency	Finish	Optional
XHH - Eos High Bay	100 - 100W 120 - 120W 160 - 160W 200 - 200W 240 - 240W	30K - 3000K 35K - 3500K 40K - 4000K 50K - 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 HT - High Temp Driver EM - Battery Backup 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*
XHH100-40UY-090N-HE	100W	13,700	4000K	80+	100-277V	0-10V	✓
XHH120-40UY-090N-HE	120W	16,440	4000K	80+	100-277V	0-10V	✓
XHH160-40UY-090N-HE	160W	21,920	4000K	80+	100-277V	0-10V	✓
XHH200-40UY-090N-HE	200W	30,200	4000K	80+	100-277V	0-10V	✓
XHH240-40UY-090N-HE	240W	32,880	4000K	80+	100-277V	0-10V	✓
XHH100-50UY-090N-HE	100W	13,900	5000K	80+	100-277V	0-10V	✓
XHH120-50UY-090N-HE	120W	16,680	5000K	80+	100-277V	0-10V	✓
XHH160-50UY-090N-HE	160W	22,240	5000K	80+	100-277V	0-10V	✓
XHH200-50UY-090N-HE	200W	30,400	5000K	80+	100-277V	0-10V	✓
XHH240-50UY-090N-HE	240W	33,360	5000K	80+	100-277V	0-10V	✓

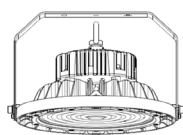
Note: To change beam angle simply replace "090" in part number with "060" for 60° or "120" for 120°. *DLC Qualified Networked Lighting Controls Systems

ACCESSORIES

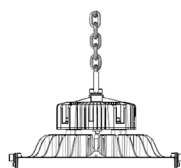
Item #	Description
PP-001-FE-093	70° Reflector
PP-001-FE-094	Reflector Cover
MC-005-15-139	Pole Mount Adaptor for 100-160W Fixtures (M10)
MC-005-15-140	Pole Mount Adaptor for 200-240W Fixtures (M12)

NOTE: One Remote and Dongle must be ordered for commissioning, if Xi-Fi option is selected.

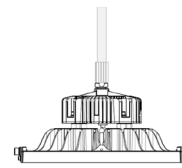
MOUNTING OPTIONS



Surface Mount
(Standard)



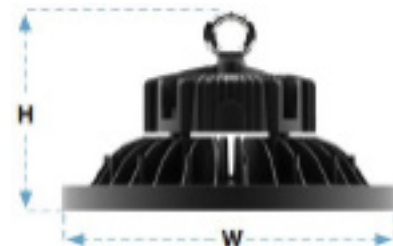
Chain Mount
(Not recommended for
fixtures with Xi-Fi)



Pole Mount
(See table above for
ordering info)

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.



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%

