



# LED HIGH BAY (HB08)

## Applications:

Suitable for commercial, retail and institutional applications including gymnasiums, factories and warehouses.

## FEATURES

- Sealed die-casting profile for indoor and outdoor applications.
- 1-10V dimming standard for a dimming range of 100% to 10%.
- Scalable lumen package from 6,000 to 40,000 lumens.
- Suitable for replacing 250W MH and 400W MH.
- Efficacy up to 156 lumens per watt.
- Increase energy savings with optional sensors.
- Optional emergency function for emergency needs.
- Selectable color temperature (3000K/4000K/5000K) or (4000K/5000K).
- Adjustable lumen output with four lumen settings (100%, 80%, 60%, 40%).
- Operating temperature is -40°C to 50°C (-40°F to 122°F).
- Hook mount, pendant mount and surface mount available.
- Input voltage 120-277VAC/480VAC.
- PF > 90%, THD < 20%, 6KV surge protection.



100W/150W/160W



210W/230W/235W



### Emergency Battery

25W 3500lm 90min



### Plug-and-Play Sensor (optional)

Sensor allows for security and energy saving.



### Installation Accessory

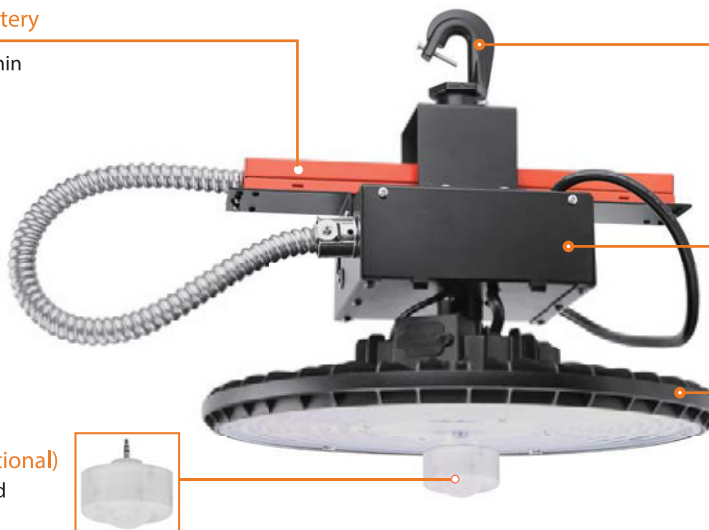
Available for both hook mount, conduit mount and surface mounting with U-bracket (optional). U-bracket allows to adjust the direction to illuminate any area you need.

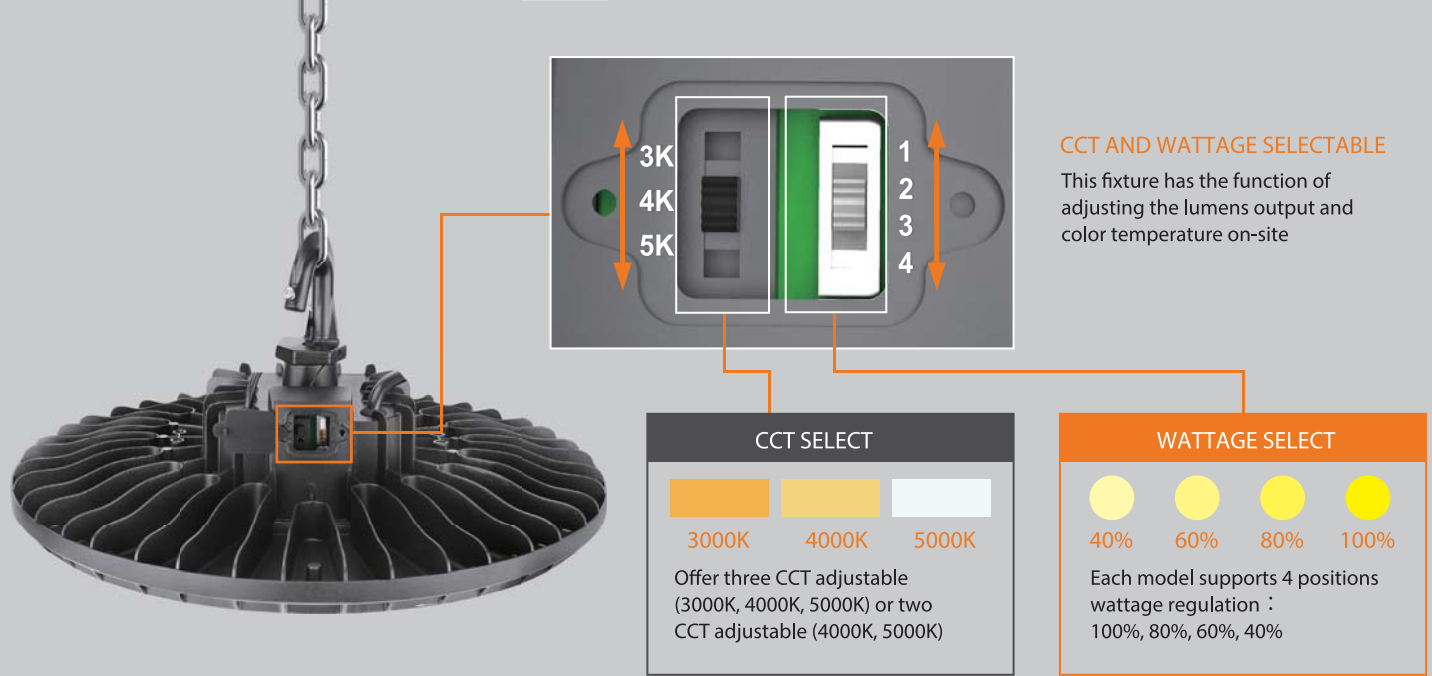
### Transformer Box

Transformer can be easily added into the Junction-box and convert to HV models, reducing SKUs and inventory pressure.

### Housing

Rugged die-cast housing with corrosion-resistant powder coating for effective protection.





## ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (MA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (AMPS)
1	800	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
1	1150	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
1	1280	160	120	1.33
		160	208	0.77
		160	240	0.67
		160	277	0.58
1	1700	210	120	1.75
		210	208	1.01
		210	240	0.88
		210	277	0.76
1	1750	230	120	1.92
		230	208	1.11
		230	240	0.96
		230	277	0.83
1	1850	235	120	1.96
		235	208	1.13
		235	240	0.98
		235	277	0.85

# PERFORMANCE DATA

HB08100W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	70	14000lm	140 lm/W	16000lm	160 lm/W	14500lm	145 lm/W
80%	80W	70	11600lm	145 lm/W	13000lm	163 lm/W	12000lm	150 lm/W
60%	60W	70	9000lm	150 lm/W	10000lm	167 lm/W	9400lm	157 lm/W
40%	40W	70	6200lm	155 lm/W	7000lm	175 lm/W	6500lm	163 lm/W

HB08150W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	150W	70	22000lm	147 lm/W	24000lm	160 lm/W	22500lm	150 lm/W
80%	120W	70	18000lm	150 lm/W	20000lm	167 lm/W	19000lm	158 lm/W
60%	90W	70	14000lm	156lm/W	15500lm	172 lm/W	14600lm	162 lm/W
40%	60W	70	9800lm	163 lm/W	10800lm	180 lm/W	10000lm	167 lm/W

HB08160W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	160W	70	25000lm	156 lm/W	27000lm	169 lm/W	26000lm	163 lm/W
80%	128W	70	21000lm	164 lm/W	22500lm	176 lm/W	21500lm	168 lm/W
60%	96W	70	16000lm	167 lm/W	17500lm	182 lm/W	16500lm	172 lm/W
40%	64W	70	11000lm	172 lm/W	12000lm	188 lm/W	11500lm	180 lm/W

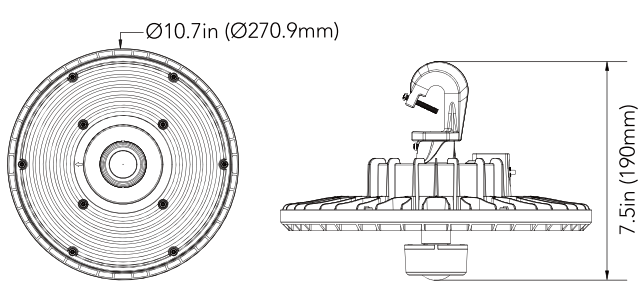
HB08210W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	210W	70	30000lm	143 lm/W	32000lm	152 lm/W	30500lm	145 lm/W
80%	168W	70	24500lm	146 lm/W	26500lm	158 lm/W	25000lm	149 lm/W
60%	126W	70	19000lm	151 lm/W	21000lm	167 lm/W	20000lm	159 lm/W
40%	84W	70	13500lm	161 lm/W	14500lm	173 lm/W	14000lm	167 lm/W

HB08230W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	230W	70	34000lm	148 lm/W	36000lm	157 lm/W	35000lm	152 lm/W
80%	184W	70	28000lm	152lm/W	30000lm	163 lm/W	29000lm	158 lm/W
60%	138W	70	22000lm	159 lm/W	24000lm	174 lm/W	23000lm	167 lm/W
40%	92W	70	15500lm	168 lm/W	16500lm	179 lm/W	16000lm	174 lm/W

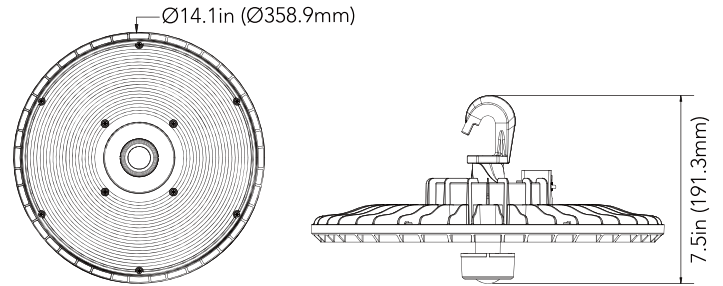
HB08235W (Single CCT only)								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	235W	70	37000lm	157 lm/W	40000lm	170 lm/W	40000lm	170 lm/W
80%	188W	70	31000lm	165 lm/W	33000lm	176 lm/W	33000lm	176 lm/W
60%	141W	70	24000lm	170 lm/W	25500lm	181 lm/W	25500lm	181 lm/W
40%	94W	70	16500lm	176 lm/W	17500lm	186 lm/W	17500lm	186 lm/W

## DIMENSIONS

unit: inch/mm








100W/150W/160W



210W/230W/235W

## ACCESSORIES

 <p><b>Emergency Battery</b> 25W, 3500lm, 90min, suitable for 210W, 230W. 15W, 2000lm, 90min, suitable for 100W, 150W, 160W</p>	 <p><b>Plug-and-Play PIR Sensor</b> PIR sensor: ANT-6-4T Bluetooth PIR sensor: ANT-6-4T-BLE-SR</p>	 <p><b>Plug-and-Play Microwave Sensor</b> Microwave sensor: ANT-5-4T Bluetooth microwave sensor: ANT-5-4T-BLE-SR</p>	 <p><b>U-Bracket</b> Use for surface mount</p>	 <p><b>Aluminum reflector</b></p>
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## MOUNTING



Hook Mount



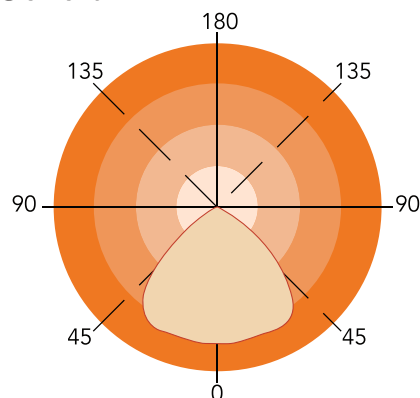
Conduit Pendant Mount



U-Bracket Mount

## PHOTOMETRICS

General



# ORDERING GUIDE

Example: AO-HB08-100-LV-DDK-B-M-B-AD

Fixture Type	Wattage	Voltage	CCT	Finish	Sensor (Option)	Emergency Battery (Option)	CCT and Power Adjustable	Internal Code
AO- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>HB08</b> High Bay Series	<b>100</b> 100W <b>150</b> 150W <b>160<sup>2</sup></b> 160W <b>210</b> 210W <b>230</b> 230W <b>235<sup>1</sup></b> 235W	<b>LV</b> 120-277V <b>HV</b> 480V	<b>DDK</b> Adjustable color temperature <b>40K<sup>1</sup></b> 4000K <b>50K<sup>1</sup></b> 5000K <b>50K<sup>2</sup></b> 5000K	<b>B</b> Black <b>D</b> Dark Bronze <b>W</b> White	<b>M</b> With Sensor <b>Blank</b> Without Sensor	<b>B</b> With Emergency Battery <b>Blank</b> Without Emergency Battery	<b>AD</b> With Adjustment Dial <b>Blank</b> Without Adjustment Dial	<b>Blank Alphanumeric</b> <b>2</b> With 2 CCTs Dial <b>3</b> With 3 CCTs Dial

- Note: 1. Only 235W suit for single CCT 30K, 40K or 50K.  
2. The ambient temperature of 160W and 235W is: -40°C to 45°C.



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Specifications are subject to change without notice.  
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