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LED Linear High Bay - LHB12

UGR<15, Die-cast Magnesium, Wattage Adjustable & CCT Selectable

Rev.3/26/26



Description

LED new linear high bay light is ideal for industrial lighting, warehouses, supermarkets, gymnasiums, and production assembly areas to meet different beam angle needs. Replace existing HID high bay light. Solid state lighting technology for long life, low maintenance, and high efficiency.

Application

- Warehouses
- Garage
- Industrial
- Gymnasiums
- Manufacturing

Certificate

- UL
- DLC

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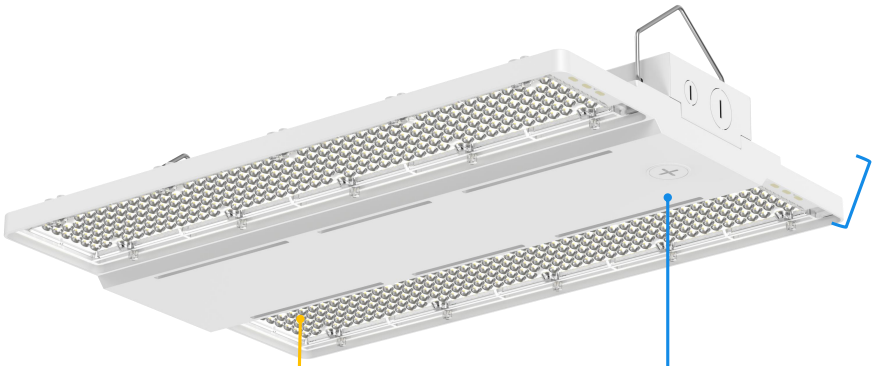
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Key Features

- High efficacy up to 180lm/W.
- 3CCT(3500/4000/5000K) and 4 Wattages Selectable offer SKU reduction.
- Low glare with UGR<15.
- Die-cast magnesium housing provides good heat dissipation and a durable lifetime.
- The driver box features a ventilated window design with heat dissipation holes, enhancing convective cooling.
- Multiple installation ways of Chain Mount, Surface Mount, and Pendant Mount.
- Includes Plug-in receptacle as standard for easy connection.
- Microwave motion sensor and PIR sensor available.
- AC120-277V and AC120-347V for options.



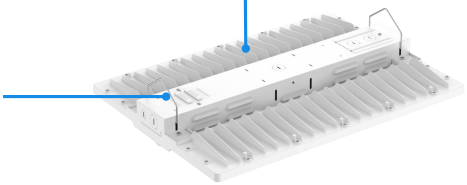
Ultra-slim Design
More loaded, more saved.

Zhaga/Plug-in receptacle



High efficiency up to 180 LM/W

Durable die-cast magnesium housing



Field-adjustable CCT
Field-adjustable wattage



Performance Summary

Model NO. #	Size	Watts	3 CCT	LPW	Lumens(±10%)	Voltage	DIM	CRI	Beam Angle
LHB12-1.3-160Z-AD4C3	1.3FT	160/130/110/80W Selectable	3CCT Selectable 3500K 4000K 5000K	180lm/W	28800LM @160W	AC120-277V AC120-347V	0-10V	>80	90°
LHB12-1.4-220Z-AD4C3	1.4FT	220/200/180/160W Selectable			39600LM @220W				
LHB12-1.6-320Z-AD4C3	1.6FT	320/280/240/220W Selectable			57600LM @320W				

Remarks: ***1. All above efficacy and lumens are subject to CRI>80 @4000K white, please check IES files for accurate data.***
2. LHB12-1.3-160Z-AD3C3, Z denotes voltage, L=AC120-277V, M=AC120-347V; A denotes function; D4C3 denotes 0-10V dimming, 4 wattage selectable, and 3 CCT selectable.
3. Factory default settings: Max wattage, 5000K.

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Performance

- LED Type: SMD2835
- Frequency: 50/60HZ
- THD: <20%
- Power Factor: ≥0.90
- IP Rating: IP20
- Operating Temp.: −40°F to 131°F (-40°C to +55°C)
- Surge Protection: L/N 6KV, L/N-P 6KV

Construction

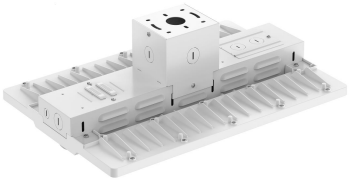
- Lens: Polycarbonate
- Housing: Die-cast Magnesium
- Driver Box: SPCC
- Finish: White (Standard), Custom finishes available

Mounting

- Chain Mount (Standard)
- Surface Mount
- Pendant Mount



Chain Mount



Surface Mount



Pendant Mount

Accessories (Sold separately)

Picture	Item #	Description
	ACC-LHB12-PD	Surface Mount & Pendent Mount Accessory (pole is not included)
	ANT-5-4T	Sharkward Plug-in Microwave Motion Sensor
	ANT-6-4T	Sharkward Plug-in PIR Sensor
	ANT-5-4T-BLE-GE	Sharkward Plug-in Bluetooth Microwave Motion Sensor
	ANT-6-4T-BLE-GE	Sharkward Plug-in Bluetooth PIR Sensor
	ANT-5-ZT	Sharkward Zhaga Microwave Motion Sensor
	ANT-6-ZT	Sharkward Zhaga PIR Sensor
	ANT-5-ZT-BLE-GE	Sharkward Zhaga Bluetooth Microwave Motion Sensor
	ANT-6-ZT-BLE-GE	Sharkward Zhaga Bluetooth PIR Sensor

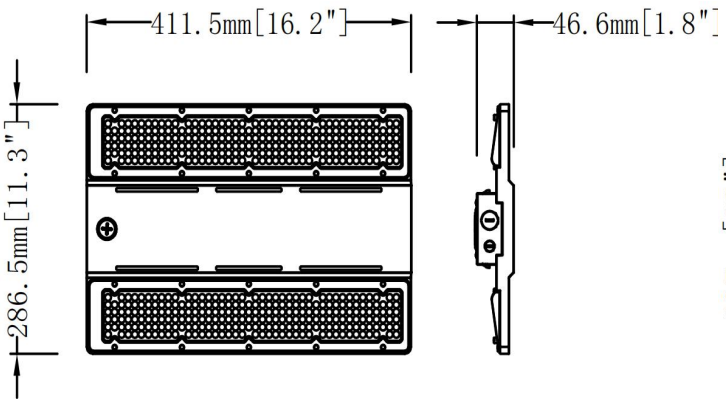
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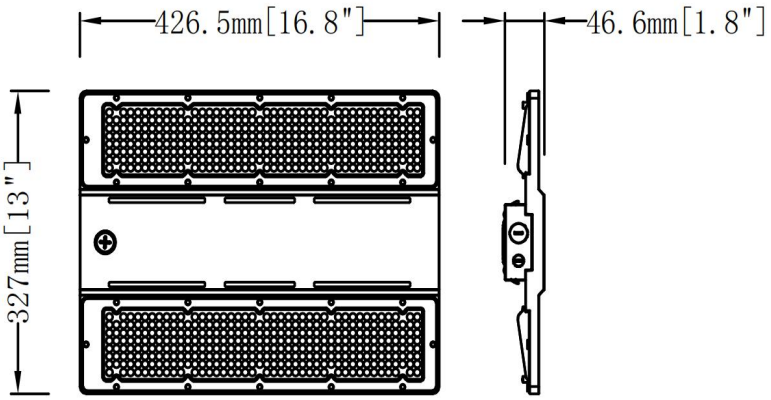
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Product Dimension

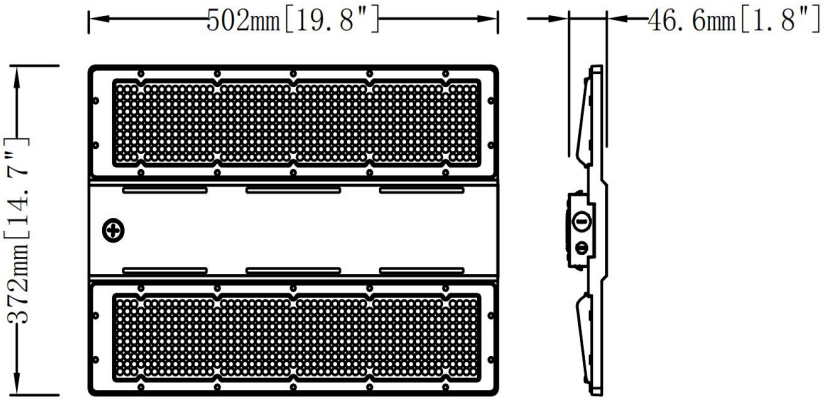
(unit: mm & inch)



160W



220W



320W

Package Info.

Product Size(mm&inch)	Net Weight(KG)	Gross Weight(KG)	Carton Size(mm&inch)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
160W 16.2"*11.3"*1.8" 411.5*286.5*46.6mm	1.94	9.40	424*220*302mm 16.69"*8.66"*11.89"	4	3780	8800
220W 16.8"*13"*1.8" 426.5*327*46.6mm	2.30	10.93	439*220*342mm 17.28"*8.66"*13.46"	4	3120	7420
320W 19.8"*14.7"*1.8" 502*372*46.6mm	3.00	14.00	514*220*387mm 20.24"*8.66"*15.24"	4	2280	5616

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