

LED High Bay Light



Product Description

- 130lm/W Ultra High Light Efficiency
Unique "Patented" Sunflower Heat Sink for Better Thermal Dissipation.
- MEAN WELL Power Supply, Reliable and High Efficiency.
- Light Weight but Rugged Die-Cast Aluminum Housing(No Maintenance Required).
- Anti-Corrosion Coating Surface
- Special high reflectivity coating instead of the original aluminum reflector, bring about lighter weight, softer light and higher efficiency.
- Quick and Easy Installation with Various Choices.
- Optimized Vent Increases Air Convection for Greater Cooling Capacity.
- Suitable for Workshop, Warehouse, Shopping mall, Toll station, Sports venue, Parking lot, Airport, Dock and Other Lighting Purposes.



5 FIVE YEARS WARRANTY



Electrical Specification

1. Power Input: 100-277 VA C, 50/60Hz
2. Power Factor: $\geq 95\%$
3. THD at Full Load: $\leq 15\%$
4. Dimming (Upon Request)

ORDERING INFORMATION

MODEL	POWER	LED Type	CCT	Light (130) Efficiency	Luminous Flux	Beam Angle	IP Level	HID Replacment
YHL-ID-100-HB-VE	100W	Nichia	4700-5300K 2700-3300K(Optional)	$\geq 130\text{m/W}$	> 13000lm	120	IP65	250W
YHL-ID-120-HB-VE	120W	Nichia		$\geq 132\text{lm/W}$	> 15500lm			350W
YHL-ID-150-HB-VE	150W	Nichia		$\geq 128\text{lm/W}$	> 19500lm			400W
YHL-ID-180-HB-VE	180W	Nichia		$\geq 130\text{lm/W}$	> 23400lm			500W

Microwave Motion Sensor Available.

Microwave Motion Sensor

Hold time	5s / 30s / 90s / 3min / 20min / 30min
Daylight sensor	50lux / 100lux / 200lux / Disable
Stand-by period	5s / 5min / 10min / 30min / 1h / Disable
Stand-by dimming level	level 10% / 20% / 30% / 50%
Mounting height	15m Max

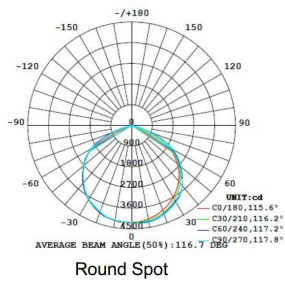


- Using HF system 5.8GHz, CE R&TTE certification approved, microwave signal will not affect communication and human health.
- Compared with infrared motion sensor, microwave motion sensor is more sensitive, reliable, and not affected by smoke, fog and temperature.
- Suggested Mounting Height is 3- 15m.
- Corridor function, provide energy-saving and comfortable LED lighting intelligent induction.
- IP65 microwave motion sensor, ensure the whole lamp protection grade IP65.

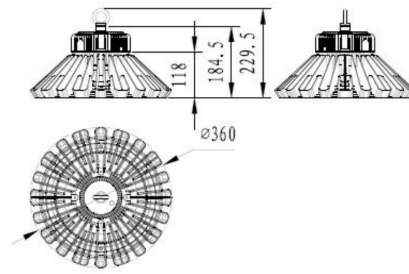
Product Specification

Product Specification					
Model	YHL-ID-100 -HB-VE	YHL-ID-120-HB-VE	YHL-ID-150-HB-VE	YHL-ID-180-HB-VE	
Light Efficiency(130)	≥130lm/W	≥135lm/W	≥125lm/W	≥130lm/W	
Luminous Flux	>13000lm	>15500lm	>19500lm	>23400lm	
HID Replacment	250W	350W	400W	500W	
Optical Parameters	LED Chip Brand	Nichia NCSW219BT			
	LED Chip Type	1~5W Single Chip			
	LED Chip Quantity	60 pieces			
	Color Temperature	4500~5500K(2700~3300K optional)			
	Fixture Efficiency	≥90%			
	Color Rendering Index	≥70			
	Beam Angle	120			
	Power Frequency	47~63Hz			
Electrical Parameters	Output Voltage	DC 30~36V			
	Output Current	3.7A (Constant Current)			
	Total Power Consumption	100.51 W	118.55 W	153.12 W	173.61 W
	LED Power Consumption	100W	120W	150W	180W
	Power Efficiency	>92%			
	Heat Sink Surface Temperature	54°C (Room Temperature 30°C)			
	Luminaire Base Temperature	66°C (Room Temperature 30°C)			
	Working Temperature (Environment)	-40~+60°C			
	Working Humidity (Environment)	15%~90%RH			
Others	Storing Condition	-40~+65°C			
	Lifetime	≥50000 Hrs			
	Fixture Material	Aluminum Alloy			
	IP Level	IP65			
	Net Weight	5.8kg±0.3kg			
	Light Dimensions	L360mm×W360mm×H229.5mm			
	Light Package Dimensions	1 piece/package:L440mm×W440mm×H310mm			

Light Distribution Curve



Physical Dimensions



Installation Instruction



Hook Mounted



Plate Mounted



Pole Mounted



E39/E40 Joints

Packing Information

Type	Product Dimension	Package Dimension
YHL-ID-100-HB-VE	Φ220mm×H171mm	1pc: L300mm×W300mm×H255mm
YHL-ID-120-HB-VE	Φ220mm×H163mm	1pc: L300mm×W300mm×H255mm
YHL-ID-150-HB-VE	Φ280mm×H163mm	1pc: L360mm×W360mm×H255mm
YHL-ID-180-HB-VE	Φ280mm×H174.5mm	1pc: L360mm×W360mm×H255mm

Date Qualified: 09/28/2015 Compare

Model No.: **YHL-ID-100-HB-VE**
 Brand Name: YAHAM
 Manufacturer: Yaham Optoelectronics Co., Ltd.

VIEW DETAILS

Indoor Luminaires | High-Bay
High-Bay Luminaires for Commercial and Industrial Buildings

TEST DATA		RATED DATA	
Light Output	13,031.1 lm	Efficacy	129.65 lm/W
Wattage	100.51 W	CRI	76.4
CCT	5,264 K		

Classification: DLC Standard
 DLC Product Code: P2R1DTA7
 DLC Family Code: QQQRTB

Expand details

Date Qualified: 10/07/2015 Compare

Model No.: **YHL-ID-150-HB-VE**
 Brand Name: YAHAM
 Manufacturer: Yaham Optoelectronics Co., Ltd.

VIEW DETAILS

Indoor Luminaires | High-Bay
High-Bay Luminaires for Commercial and Industrial Buildings

TEST DATA		RATED DATA	
Light Output	19,830.66 lm	Efficacy	129.51 lm/W
Wattage	153.12 W	CRI	75.7
CCT	5,006 K		

Classification: DLC Standard
 DLC Product Code: P1M2FFD8U
 DLC Family Code: KKKYFI

Expand details

Date Qualified: 09/28/2015 Compare

Model No.: **YHL-ID-120-HB-VE**
 Brand Name: YAHAM
 Manufacturer: Yaham Optoelectronics Co., Ltd.

VIEW DETAILS

Indoor Luminaires | High-Bay
High-Bay Luminaires for Commercial and Industrial Buildings

TEST DATA		RATED DATA	
Light Output	15,413.77 lm	Efficacy	129.99 lm/W
Wattage	118.58 W	CRI	75.7
CCT	4,982 K		

Classification: DLC Standard
 DLC Product Code: P51DN5J6
 DLC Family Code: QQQRSZ

Expand details

Date Qualified: 09/28/2015 Compare

Model No.: **YHL-ID-180-HB-VE**
 Brand Name: YAHAM
 Manufacturer: Yaham Optoelectronics Co., Ltd.

VIEW DETAILS

Indoor Luminaires | High-Bay
High-Bay Luminaires for Commercial and Industrial Buildings

TEST DATA		RATED DATA	
Light Output	22,045.32 lm	Efficacy	126.98 lm/W
Wattage	173.61 W	CRI	76.1
CCT	5,092 K		

Classification: DLC Standard
 DLC Product Code: PNUVHEK
 DLC Family Code: QQQRTA

Expand details