LED High Bay Light

High Bay Light

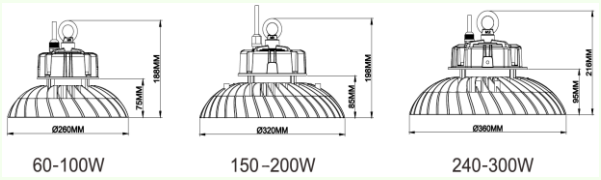
Product Description

VaOpto's LED High Bay Light Series, which replaces traditional High Bay lights, is an energy-efficient, lead-free, UV-free, and long-lasting cold lighting source. In comparison to traditional High Bay lights, VaOpto's LED High Bay Series reduces energy consumption by 50%-75%.

Product Information

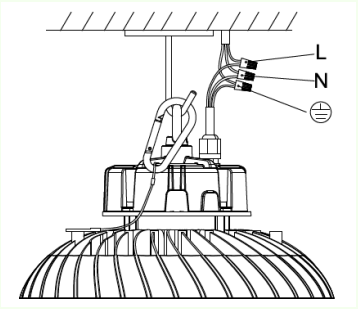
- 100-277 / 347-480VAC power input
- Frequency: 50/60Hz
- CRI > 70
- 160LM/W
- PF: >95
- IP65
- Operation Temp: -30F - 140F
- Die Casting Aluminum
- UL#335469 and DLC listed
- USA/Canada patented LED
- USA/Canada patent pending fixture
- 5-year limited warranty

Dimension

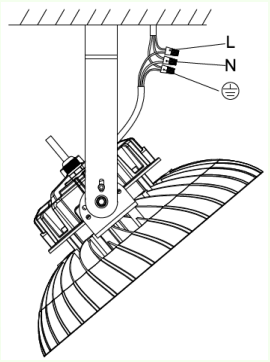


(Unit: mm)

Installation Options



Loop Hanging



Adjustable Surface Mounting

Reflector

Ordering Information

For example: VO-HB-150DW277-903M

Company Name	Product	Power (W)	CCT	Input Voltage (VAC)	Optics (Degree)	Photocell /Sensor	LED	Dimension	Others
VO	**HB**	**60**	**XW** 2700K	**277** 100-277	60	**P** Photo Cell	Number	**S** Small	Alphabetic
VAOPTO	High Bay Light	**100**	**XWW** 3000K	**347** 200-480	90	**M** Microwave	Blank	**M** Middle	Number
		150	**WW** 3500K	**480** 200-480	120	Blank		**L** Large	Blank
		200	**NW** 4000K						
		240	**XDW** 4500K						
		300	**DW** 5000K						
			XCW 5700K						
			CW 6500K						
			T Tuning						

VaOpto
LED Manufacturer

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Troubleshooting

Problem	Possible Cause	Solutions
LEDs stop working	The power line is improperly connected.	Reconnect the power cable.
	The power plug is loose.	Firmly plug the power in.
	The LED driver malfunctions.	Replace with new driver.
	The LED chip is damaged.	Replace with new LEDs.
LEDs flash on and off	The output of the driver is abnormal.	Replace with new driver.
	The LED chip breaks down.	Replace with new LED chip.

Warranty

5 years limited warranty for original purchaser of LED product that is identified on seller's invoice reflecting its original purchase (the "Product").

1. Inorder to make a warranty claim, you must notify seller in writing within sixty(60)days after your discovery of the defect,provide proof of purchase such as the invoice and comply with seller's other warranty requirements.Upon receiving that notice, to ascertain why fixtures stop working, evidences would be needed for seller's QC Team to analyze.Seller may require you to promptly return the Product to Seller when necessary,freight prepaid.

2.Thedetermination of whether the Product is defective shall be made by Seller in its sole discretion with consideration given to the over all performance of the Product.

3.If seller determines the Product is defective, Seller will elect, in its sole discretion,repair the Product or replace the Product.Seller reserves the right to utilize new, reconditoned, refurbished, repaired or remanufactured products or parts in the warranty repair or replacement process.Such products and parts will be comparable in function and performance to an orginal product or part, as determined by Seller in its sole discretion,and warranted for the remainder of the original warranty period.However, cost of labor and equipment to remove the defective product and install a repaired or a replacement Product at the end-user facility are excluded.Supplier's aggregate liability with respect to a defective product shall in any event be limited to the money paid to buyer for that defective product.

The following circumstances will not be warranted:

1. Damage caused by force majeure such as war, riots, sabotage, cyclones,flooding, lighting strikes, explosions, fire, flood,etc.
2. Damage caused by user's improper delivery, defects caused by wrong operation, wrong treatment and destruction of machinery.
3. Dismantling or modification or improper maintenance or repairing of the products without the supplier's authorization.
4. Damage caused by buyer or installer using bad quality cable or other mismatching electronic parts.
5.This warranty is invalid if the product is not used for the purpose for which is originally designed.

The seller has the sole right to interpret and amend the above articles.

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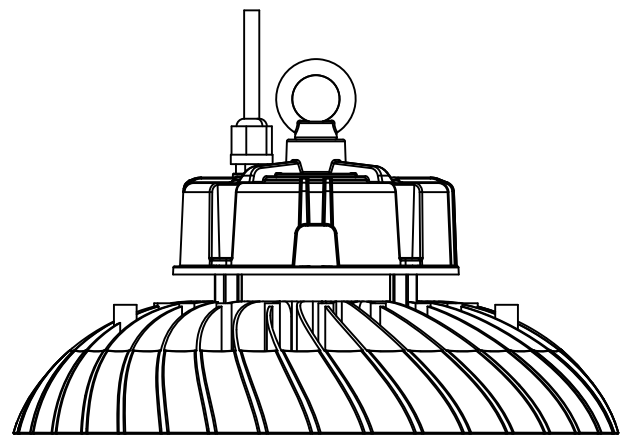
Instruction Manual



60W/100W/150W/200W/240W/300W Universal

IP65 LM–79 TM–21

Reminder

We appreciate your purchase!
Please read the instruction manual before installation and keep it for future reference.

Warning

1. To avoid damage, failing, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier first.
2. Please authorize only qualified personnel to install the lamp and ensure they follow the instruction manual. Any improper installation might cause falling,electric shock,fire, or other injury, damage or hazard.
3. Please disconnect power before installation or any maintenance of the lamp.
4. Please disconnect power if it begins to smoke or emit odors, since fire or electric shock may occur. Ask qualified person to inspect and maintain the luminaire.
5. Please do not dismantle the lamp without the supplier's authorization.
6. Please do not touch the power supply when the lamp is operating.
7. If the external flexible cable or cord of the luminaire is damaged, it should only be replaced by the supplier, aservice agent or qualified person.

Application

With unique high-purity die-cast aluminum heat sink, high-brightness SMD chip, high-effciency constant current and constant voltage power driver, the MINI LED high bay is designed for factories,workshops, warehouses, highway toll stations,gas station, supermarkets,exhibition halls, stadiums and similar applications.

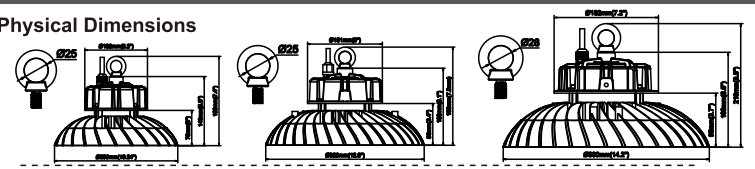
Technical Parameters

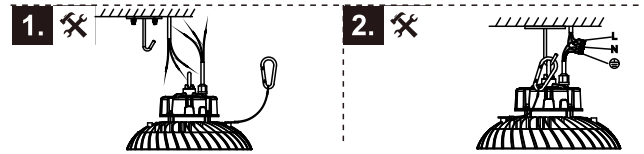
Product Specifications	60W	100W	150W	200W	240W	300W
Input Voltage	100-277V					
Power Frequency	50/60Hz					
CRI	80Ra					
Beam Angle	60°/90°/120°					
IP Rating	IP65					
Outlook Dimensions	290*290*200MM(1PCS)		350*350*220MM(1PCS)		390*390*225MM(1PCS)	
Luminaire Net Weight	2.2±0.2KG	2.6±0.2KG	3.8±0.2KG		5.3±0.2KG	
System Efficacy	140lm/w(CCT=5000k)					
Power Factor	>0.95					
Lifespan	≥50000Hrs(LM80@35°C)					
Working Temperature	-40~+45°C					
Working Humidity	15%~90%RH					
Storing Temperature	-40~+70°C					

Installation Instructions

A. Loop hanging installation

Physical Dimensions





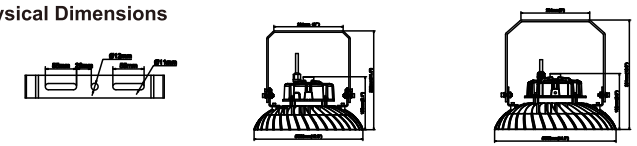
120V

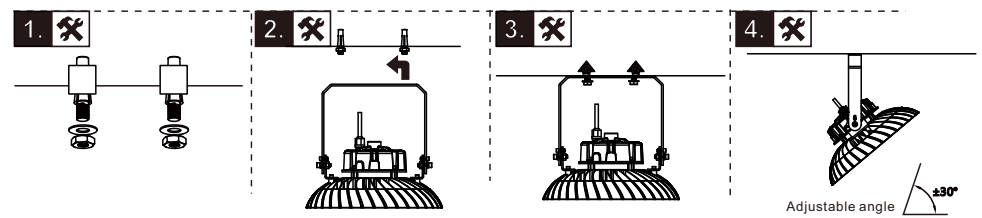
277V

Different tyle plugs available

B. Adjustable surface mount installation

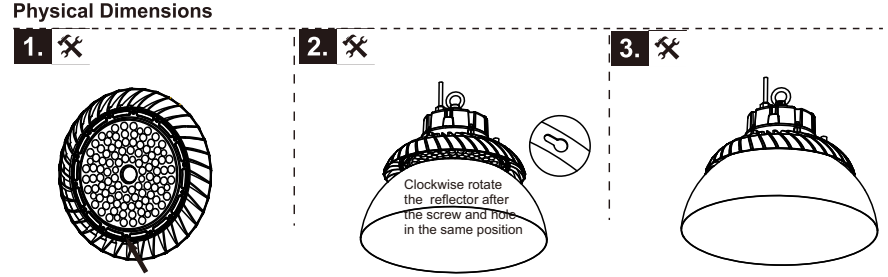
Physical Dimensions





C. Installation of Reflector

Physical Dimensions



screws of lamp cover

Wiring Diagram

L	brown	black
N	blue	white
⏚ GND	yellow/green	green

Dimmable

DIM+	blue	brown	purple	white
DIM-	white	blue	gray	black