



Greenough

Greenough Enterprises Co., Ltd.

LED luminaries Manufacturer and Exporter

Round UFO LED High Bay Light Specification

Product: Round UFO Led High Bay Light

Model No.: GNH-R-HBL-N-60W; GNH-R-HBL-N-80W; GNH-R-HBL-N-100W; GNH-R-HBL-N-120W;
GNH-R-HBL-N-150W; GNH-R-HBL-N-200W; GNH-R-HBL-N-240W

Dimension (mm): 261X261X118MM (60W), 261X261X172MM (80W 100W), 300X300X190MM (120W 150W),
330X330X201MM (200W, 240W)

Date: MAR 15th, 2017





I. Product Introduction

Characteristics

1. **Energy saving.** Saving 50% energy than the conventional Metal halide lamp, Sodium Light.
2. **Long life and environmental protection.** LED high bay light uses LEDs with long lifetime more than 50,000 hours. It has no ultraviolet radiation. It offers full environmental protection. It has no hazardous materials like mercury or lead entering the environment.
3. **Input voltage:** AC90~305V, Over voltage, over current protection.
4. They also could be dimming in 0-10V or Dali Dimming
5. **Good heat dissipation.** Adopt high thermal conductivity aluminum shell, laminated structure, thermal conductive area is fully, IP 65
6. **Low heat.** The total power consumption is less than half of the traditional industrial lights.
7. New design, up to 160LM/W ,with lighter weight, better heat dissipation, more stable quality, easy to install
8. The main accessories are imported materials, anti-high temperature and anti-corrosion
9. The led chips are the imported high brightness chips, with higher lumen output, high thermal conductivity, low luminous decay, pure light color, no ghosting etc
10. The lamps are with the angle locking device, to ensure the angle won't be changed for the long-term working in the vibration environment
11. Using the latest technology of heat radiation structure, can ensure lamp life
12. With pedestal, pendant, pole, Chain, Bracket etc installation methods.



II. Specifications, parameters

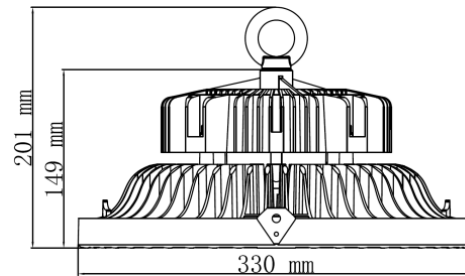
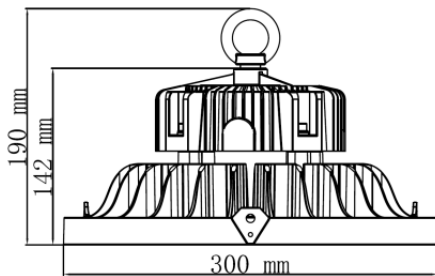
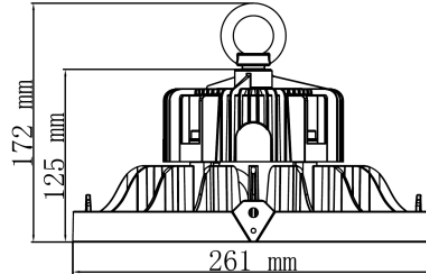
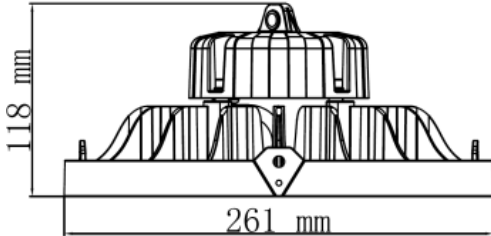
1. LED high bay light technical parameters

Part Number	GNH-R-HBL-N-60W	GNH-R-HBL-N-80W; GNH-R-HBL-N-100W	GNH-R-HBL-N-120W GNH-R-HBL-N-150W	GNH-R-HBL-N-200W GNH-R-HBL-N-240W
Power (W)	60W	80W/100W	120W/150W	200W/240W
Input voltage(V)	90-305VAC			
Input Current	0.27A@220VAC	0.36A@220VAC 0.45A@220 VAC	0.55A@220VAC 0.68A@220VAC	0.91A@220VAC 1.10A@220VAC
PF	>0.90@220VAC			
DC V out	54VDC	48VDC	48VDC	48VDC
DC A out	1.05A	1.5A 1.9A	2.3A 2.9A	3.9A 4.65A
CCT	Neutral white (4000K) 、 Natural white (5000K) 、 Cool white (5700K) Warm white (3000K) ---can be customized			
Dimmable support	3 in 1 dimming(PWM, 1-10V, Resistor)、 Dali			
Ra >80	Efficiency	135-145LM/W (NICHIA); 120-130LM/W(PHILIPS)		
Ra >70	Efficiency	140-150LM/W (NICHIA); 125-135LM/W(PHILIPS)		
LED Qty (pcs)	96	136/176	208/256	336
LED Brand	Nichia3030 or Philips 3030			
Beam Angle	PC lens with 60°and 90° and 120°			
IP Grade	IP65			
Operation Temp	-40℃ ~ +65℃			
Body Color	Black (MOQ is required for other color demand, say grey.)			
Life Span	50000 Hours			
Product Size(mm)	CE Driver	261X261X125MM	300X300X145MM	300X300X155MM
	Meanwell Driver	261X261X118MM	261X261X172MM	300X300X195MM
Packing Size(mm)	CE Driver	325*325*225	370*370*240	400*400*250
	Meanwell Driver	325*325*225		400*400*250
Mounting Type	Pole (default), Chain (optional), Bracket (optional)			

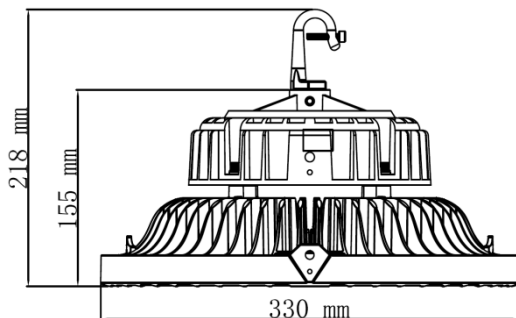
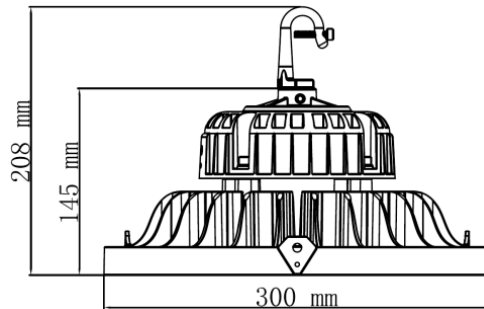
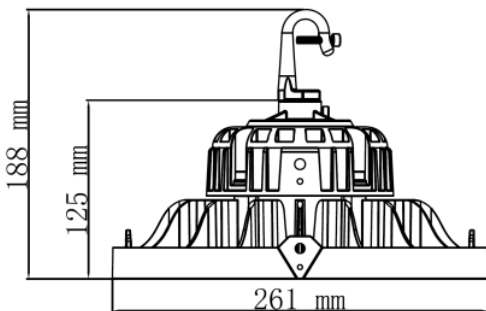


2. Dimensional Drawing(Unit: mm):

MEAN WELL driver version as below:

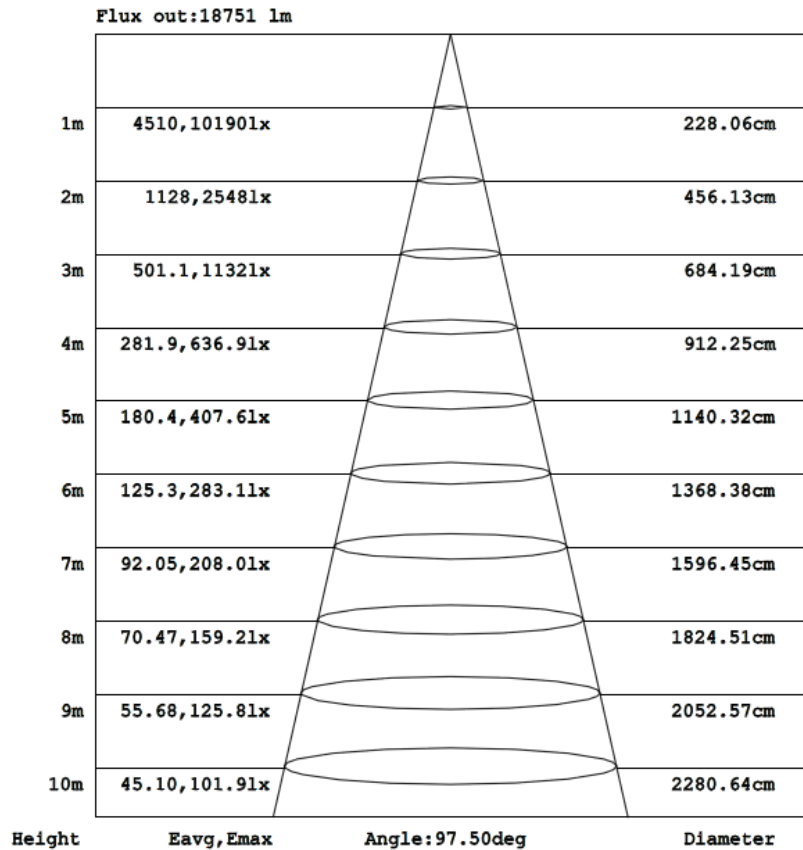
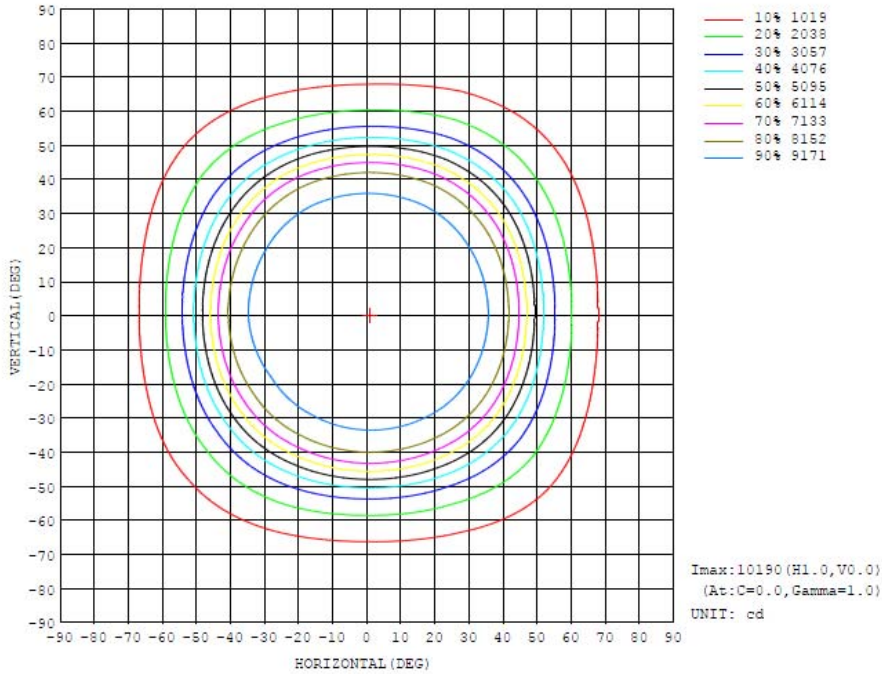


CE driver version as below:



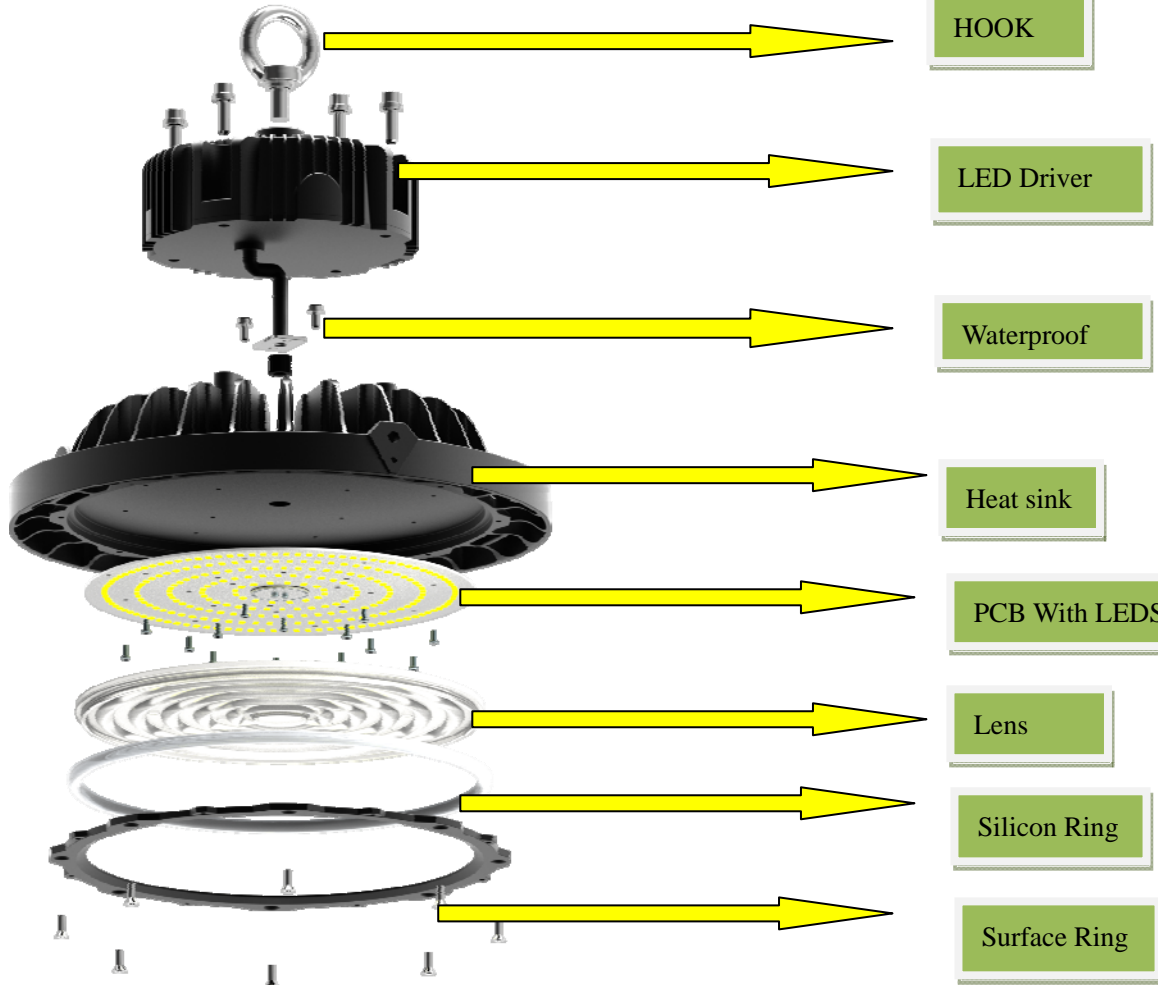


3. Distribution Diagram(100W in 90° for reference)





4. Structure for reference:



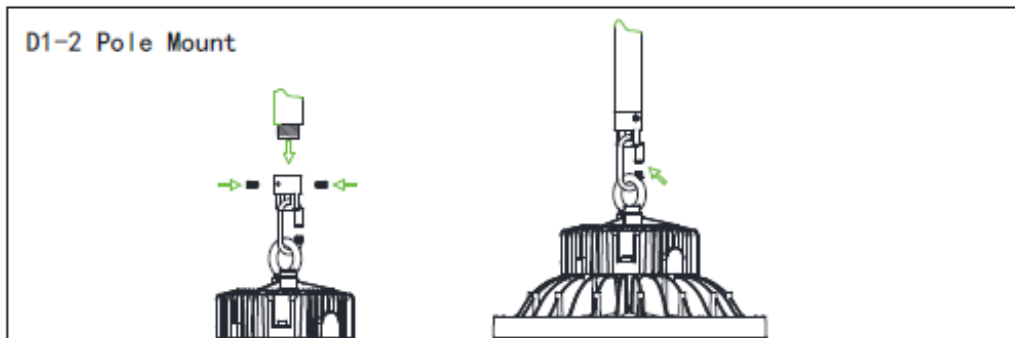
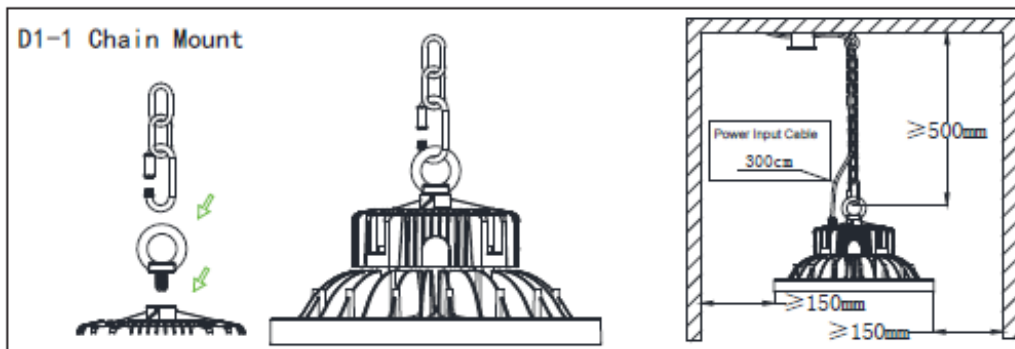
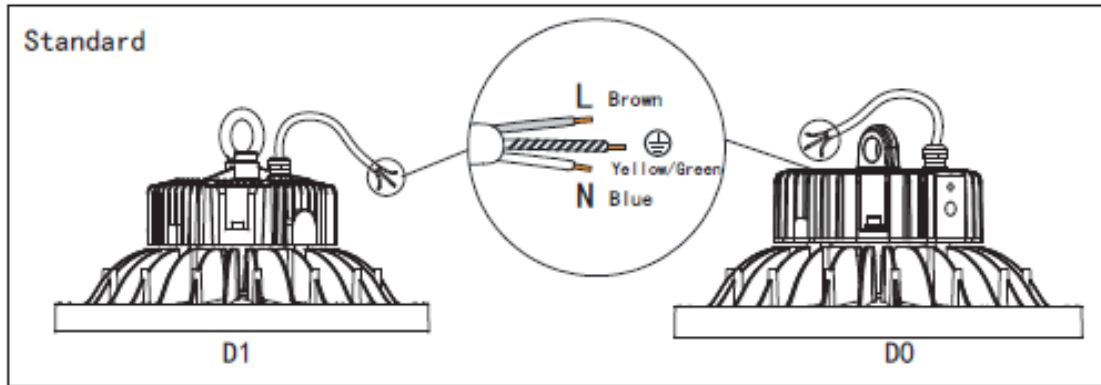
5. User Manual For UFO LED High Bay Light:

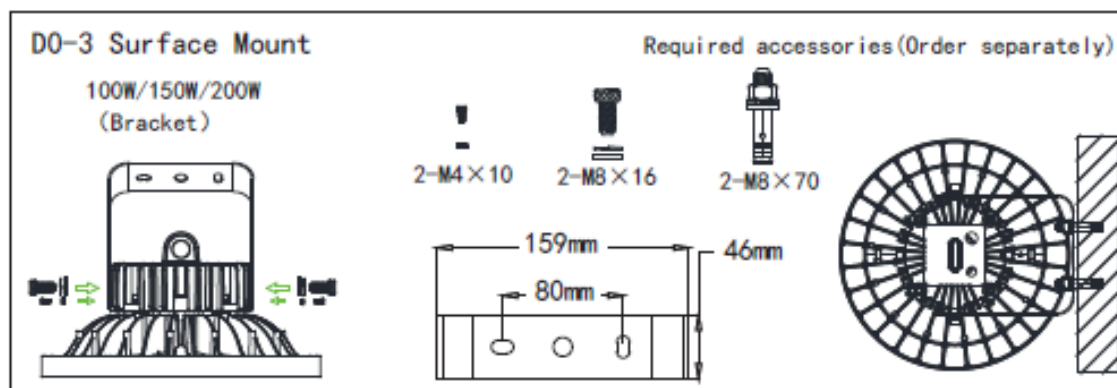
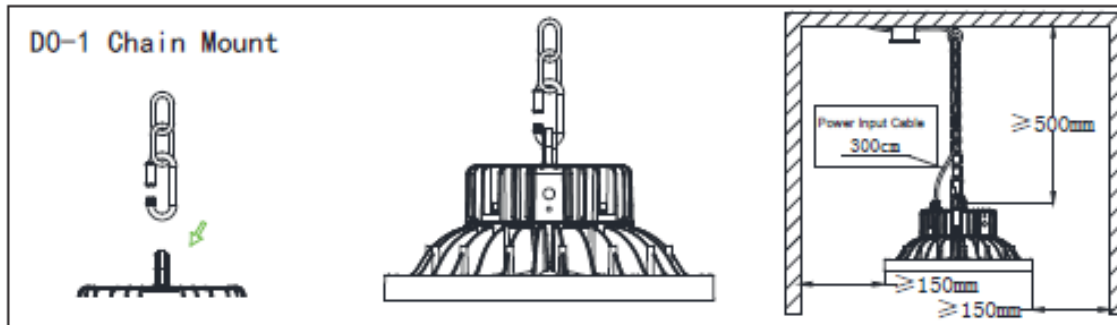
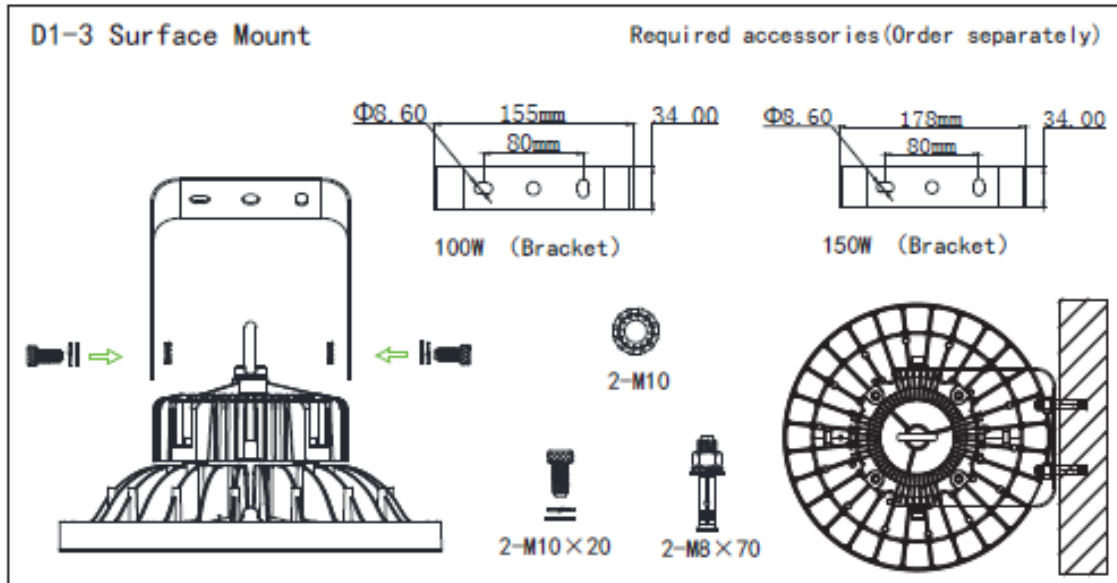


- Read through this manual before installation.
- For indoor use only.
- Handle the product with care.
- The product must be grounded.
- This product must be installed and maintained by certified electrician.
- Consult with the manufacturer before maintenance.
- Turn OFF the power before installation and maintenance.
- Make sure the products are securely installed.
- The housing might become hot after operation.
- Make sure the construction is strong enough to support the products.
- The product will automatically shut down once the temperature goes too high; and will automatically turn on once it cools down.
- If the cord of the product is damaged please stop using the product and consult with manufacturer.



6. Installation For UFO LED High Bay Light:







7. Packing for round led high bay light

Part No.	Driver	Packing Box	Gross Weight	Net weight
GNH-R-HBL-N-60W	Meanwell	325*325*225	3.1Kg	2.3Kg
GNH-R-HBL-N-80W	CE Driver	325*325*225	3.70Kg	2.90Kg
	Meanwell	325*325*225	3.70Kg	2.90Kg
GNH-R-HBL-N-100W	CE Driver	325*325*225	3.70Kg	2.90Kg
	Meanwell	325*325*225	3.70Kg	2.90Kg
GNH-R-HBL-N-120W	CE Driver	370*370*240	4.90Kg	3.90Kg
	Meanwell	370*370*240	4.90Kg	3.90Kg
GNH-R-HBL-N-150W	CE Driver	370*370*240	4.90Kg	3.90Kg
	Meanwell	370*370*240	4.90Kg	3.90Kg
GNH-R-HBL-N-200W	CE Driver	400*400*250	6.10Kg	7.30Kg
	Meanwell	400*400*250	6.3Kg	7.50Kg
GNH-R-HBL-N-240W	CE Driver	400*400*250	6.10Kg	7.30Kg
	Meanwell	400*400*250	6.3Kg	7.50Kg





8.Applications

LED High Bay Light are suitable for Warehouse, Workshops, factories, toll stations, gas stations, supermarkets, exhibition halls, gymnasium, etc... and some other places where need industrial lighting.

