

LED THUNDER HIGH BAY SERIES

Thunder series High Bay



100W



150W



200W

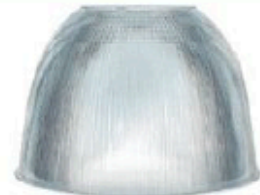
Reflector



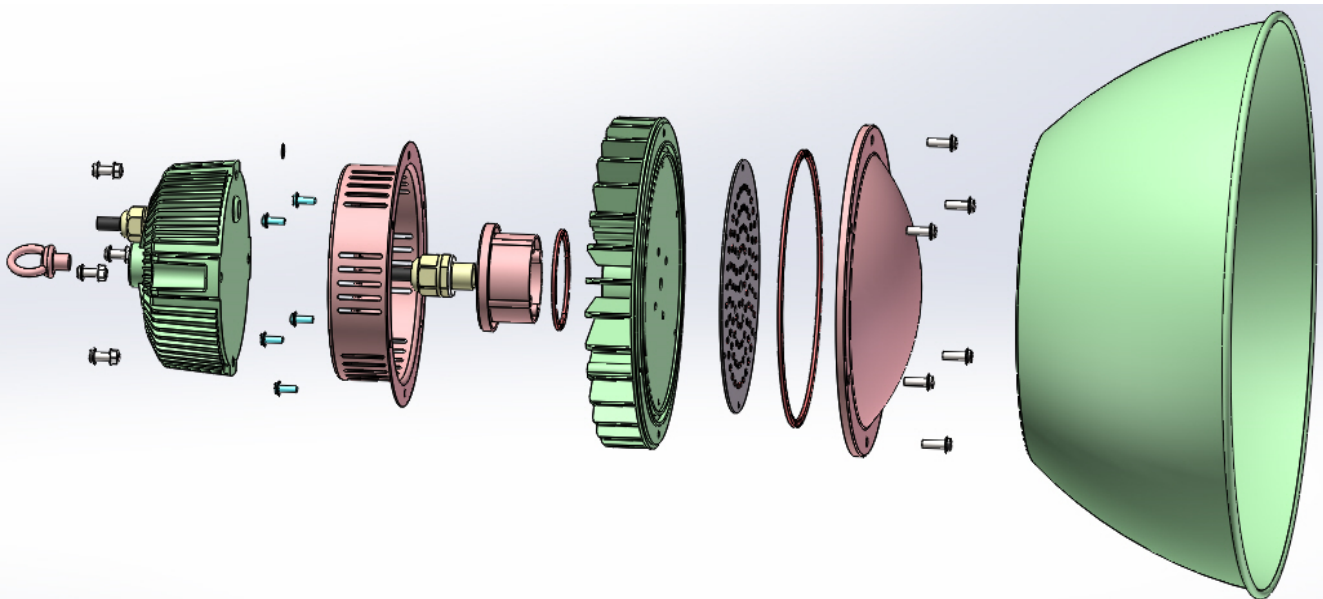
60°



90°



70°



High Bay Manufacturing Process

High Bay Aluminum materials



1070 type Pure Aluminum

Advantages:

- High density, 99.99% purity, light weight
- Cold-forging technical
- Excellent heat conductive index of 226w/m·k
- Anodic oxidation surface-treatment, anti-corrosion



Heat conductive index:

It is used to describe the heat transmission speed inside the materials. The higher it is, the more heat can be transmitted to the surface at the same time.

- **Pure aluminum: 226w/m·k**
- Die-cast aluminum: 60-90w/m·k
- Plastic heat sink: 2-15w/m·k

The heat sink is the **most efficient** in the market.

5 Year Replacement Warranty on Entire Fixture

1070 Type Pure Aluminum Heat Sink

Small Size

Lightweight

Highest Quality Components—MeanWell Driver, Nichia 757D SMD

Impact Resistant PC Cover Designed to Protect the LED


Optional Anti-Glare Reflector Cover

High Bay Cold forging Machines



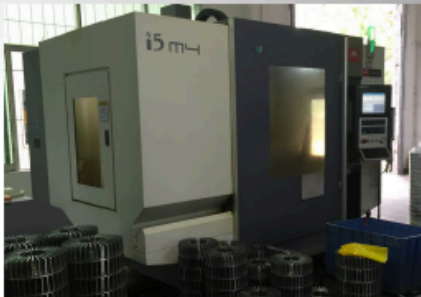
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Tooling machine




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Perforating bur Machine




Hole Puch

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- Anodic oxidation
- Surface-treatment
- Anti-corrosion
- Printing black.

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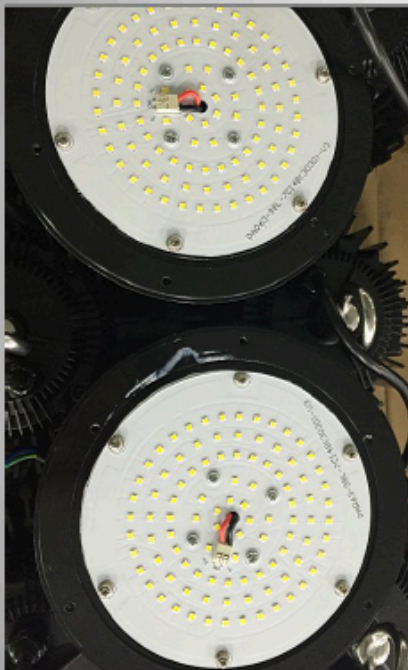

MEAN WELL EUROPE B.V.

Your Reliable Power Partner



- MeanWell driver **HBG** series.
- 5years warranty.
- Purchase directly from Taiwan MeanWell.

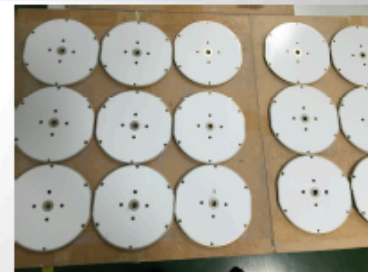
High Bay lighting source

757D Series
 Surface Mount Type

Highest Efficacy 160lm/w LED

- Nichia LED **757D** SMD
- Originally packaged in Japan
- Highest Efficacy



- 5 sets Automatically SMT machine, Production capacity: 15,000pcs one Day
- Special oil ink brushed on the back and front of PCB
- Increase efficacy of heat dissipation, 7 times than others in the market. Increase light reflectivity 5%

SL-SHB Series 100W, 150W, 200W



Applications

Workshops, Stadiums, Arenas, Warehouses,
Super Markets, Gas Stations, Exhibition Halls

Features

- Unique and compact design, low weight.
- IP65
- Original Nichia 757D LEDs
- Meanwell specialized high bay driver, HBG series
- High light efficiency up to 140 lm/W
- cUL, DLC, 5 Year Warranty, 50,000 hrs LM70, LM79, LM80
- Temperature Rating: -40°C to $+50^{\circ}\text{C}$



Specifications

Power consumption	100W	150W	200W/240W
Input Voltage	90-305VAC/347VAC		
PF	0.96	0.96	0.96
Dimension	Dia355*H325mm	Dia355*H310mm	Dia355*H310mm
LED source	Nichia 757D	Nichia 757D	Nichia 757D
Optic	120° (no reflector) / 90° (aluminum reflector) / 75° or 60° (aluminum or polycarbonate reflector)		
Color temperature	4000K/5000K/5700K	4000K/5000K/5700K	4000K/5000K/5700K
CRI	80Ra	80Ra	80Ra
Lumen	14000lm	21000lm	28000lm/33600lm
Beam angle	120°/90°/60°	120°/90°/60°	120°/90°/60°
Dimmable	NO/1-10V	NO/1-10V	NO/1-10V
IP Grade	IP65	IP65	IP65
Installing Method	By hooks. Comes with 1.5m pigtail standard.		
Material	Pure aluminum	Pure aluminum	Pure aluminum

THD: <12%

Dimensions

