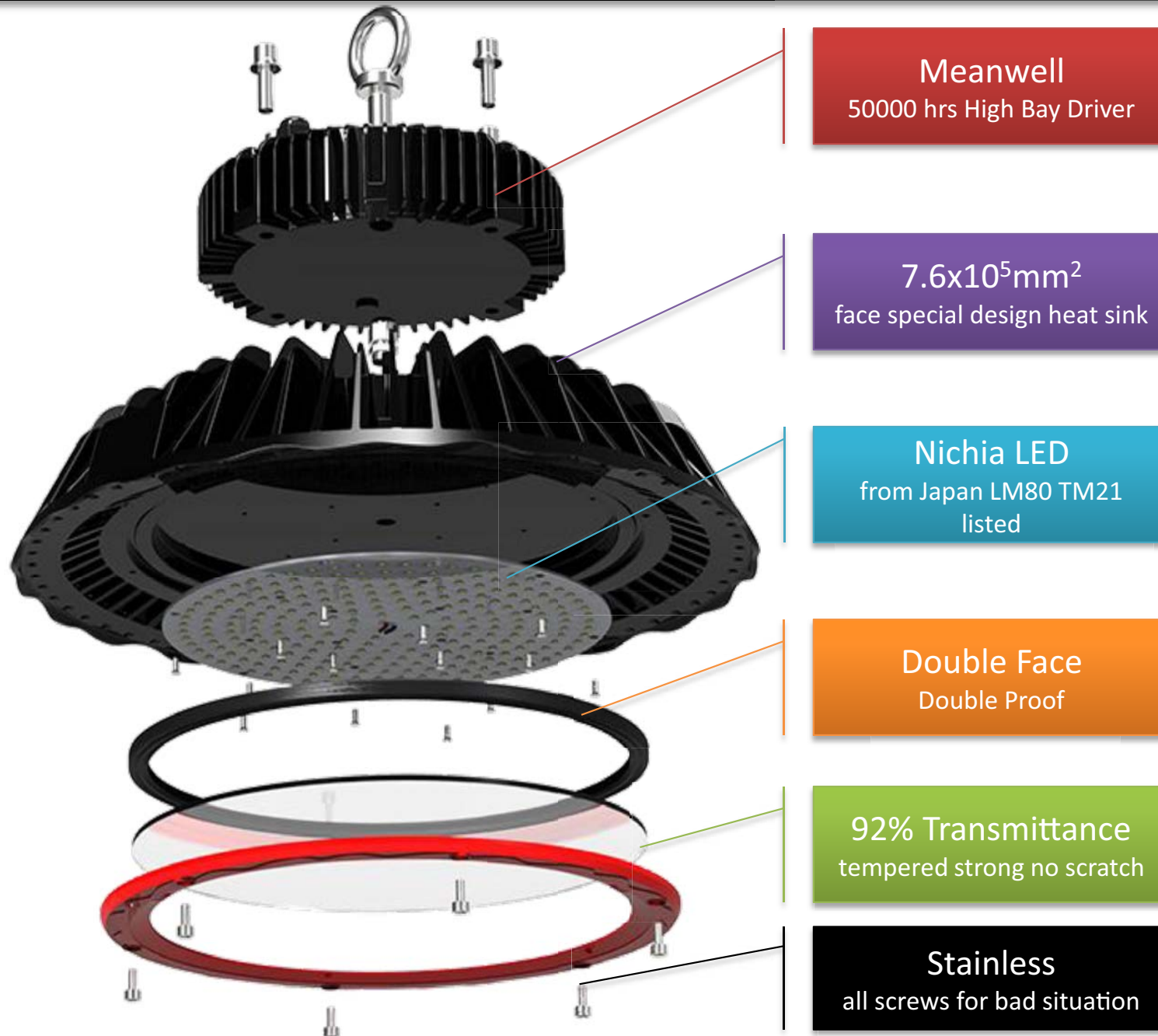


LED high bay light

Energy-efficient, Eco-friendly, Low maintenance for industrial applications



LED High Bay Structure



Summary

- The LED high bay is designed specifically to replace traditional HID in a variety of applications, both industrial and commercial areas.
 - It adopts the most advanced LM80 / TM21 certified Nichia chips as light source and UL listed Meanwell driver as power supply. With innovative optics and an ultra-thin, thermally efficient housing design, it produces up to 23,126 lumens of uniform illumination and industry leading efficacy approaching 119 lm/W.
 - Combined with dimmable versions , 1-10V DALI system and sensors., the LED will help you save even 80% energy.
 - LED high bays are now available in 100W, 120W, 150W, 200W which are direct replacement of 250W-700W conventional high bays, and suitable installed at 5-15m height.
 - Multiple installations optional, suitable for various applications.
-

Feature & Benefits



- L70 > 60,000 Hours
- Industry leading efficacy up to 119 lm/W
- 5 years full performance warranty
- IP65 weather proof
- Dimmable version with Microwave sensor optional
- Dimmable with DALI optional
- Several optics available for different applications
- Multiple installations
- Typical ROI less than 2 years
- Saving up to 80% energy
- No UV or IR, mercury free
- Instant on/off
- Free maintenance
- Producing less heat than conventional high bays

Typical Application



Factory



Warehouse



Shop

Warehouse
Manufacturing
Food Processing
Cold Storage
Canopy
Gymnasium
Shop

Replacement



456W HPS



VS

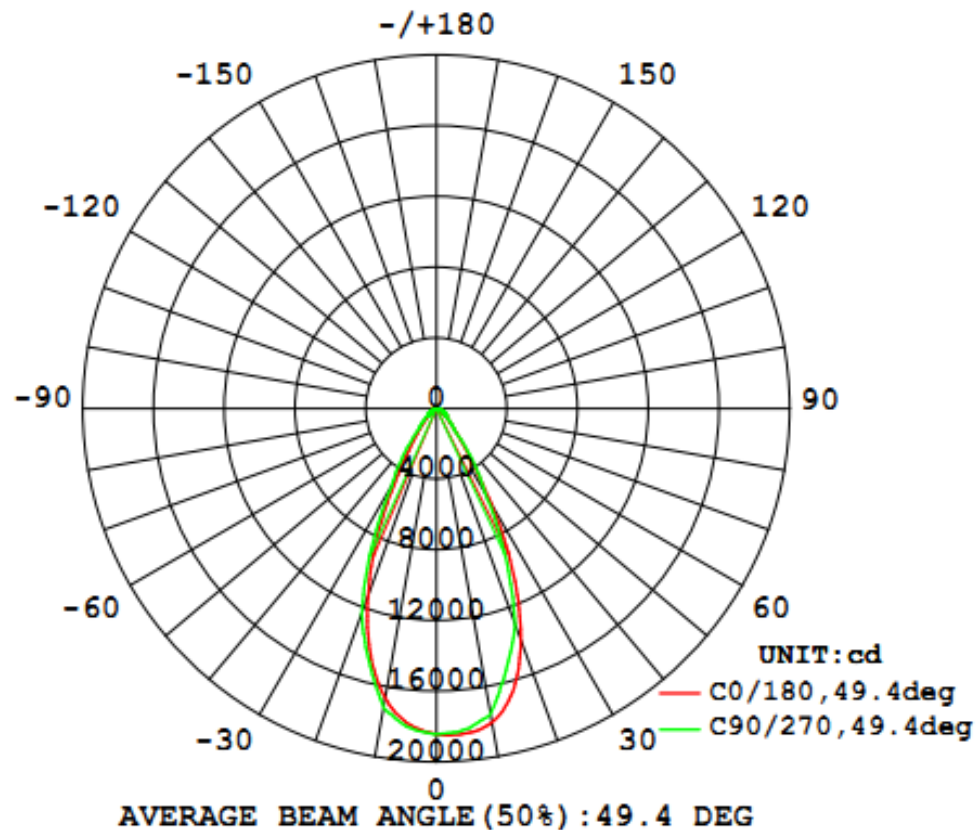


120W LED high bay

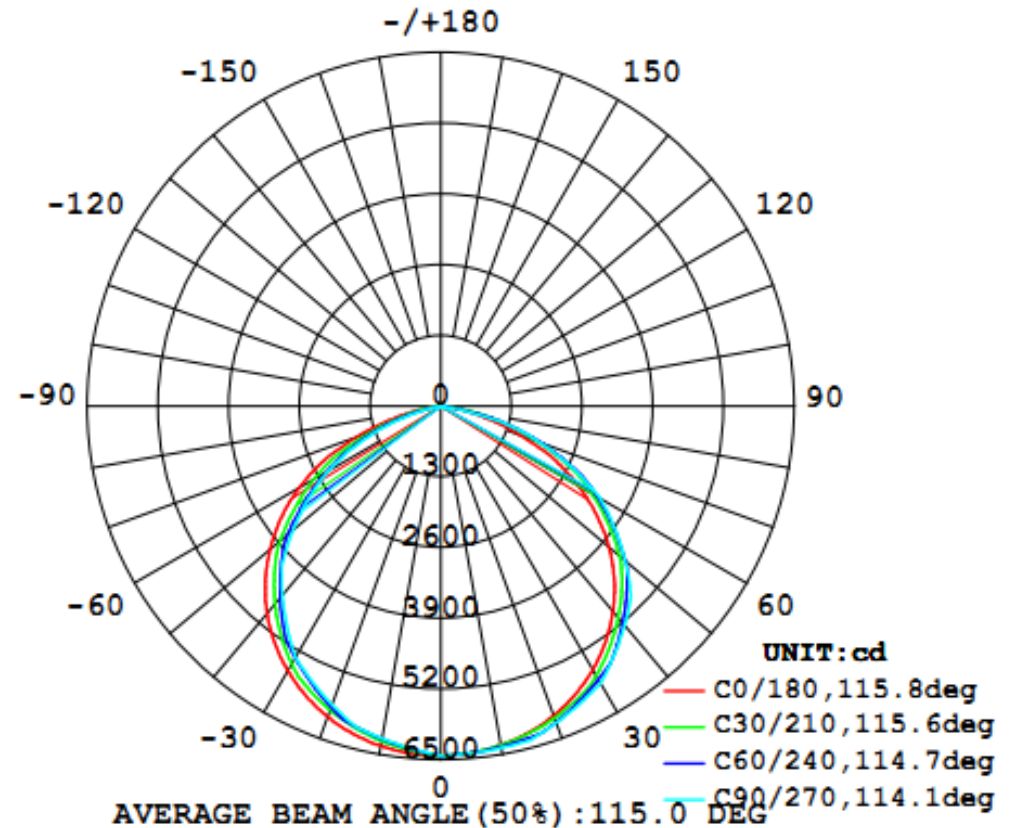


- LED high bay with high CRI, delivers better quality light with uniformity.
- 100W LED high bay can replace 250W HID
- 120W, 150W LED high bay can replace 400W HID
- 200W LED high bay can replace even 600W -700W HID

Optional Lighting Effects

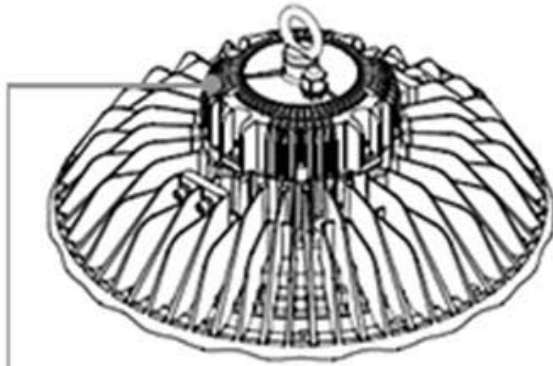


- 50 degree
- Narrow beam
- Concentrated beam suitable for high ceiling



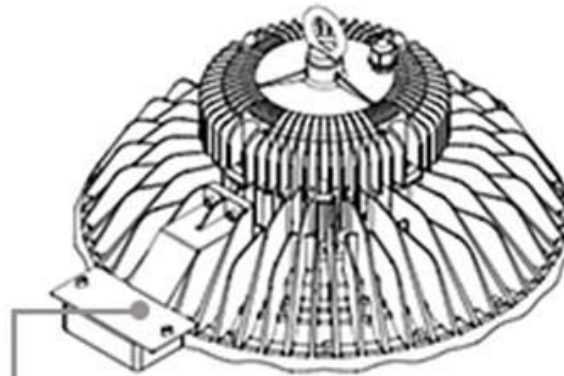
- 120 degree
- Wide beam
- Suitable for low ceiling and general lighting

Intelligent Control – Saving more energy



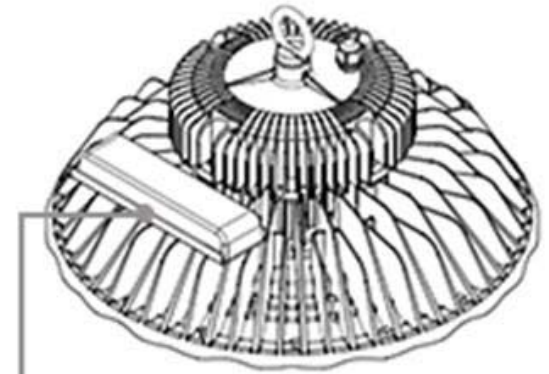
Dimming

Dimmable High Bay
3-in-1 dimming
(PWM, 1-10V, Resistance
dimming).



Motion Sensor

Dimmable High Bay
+ Microwave sensor



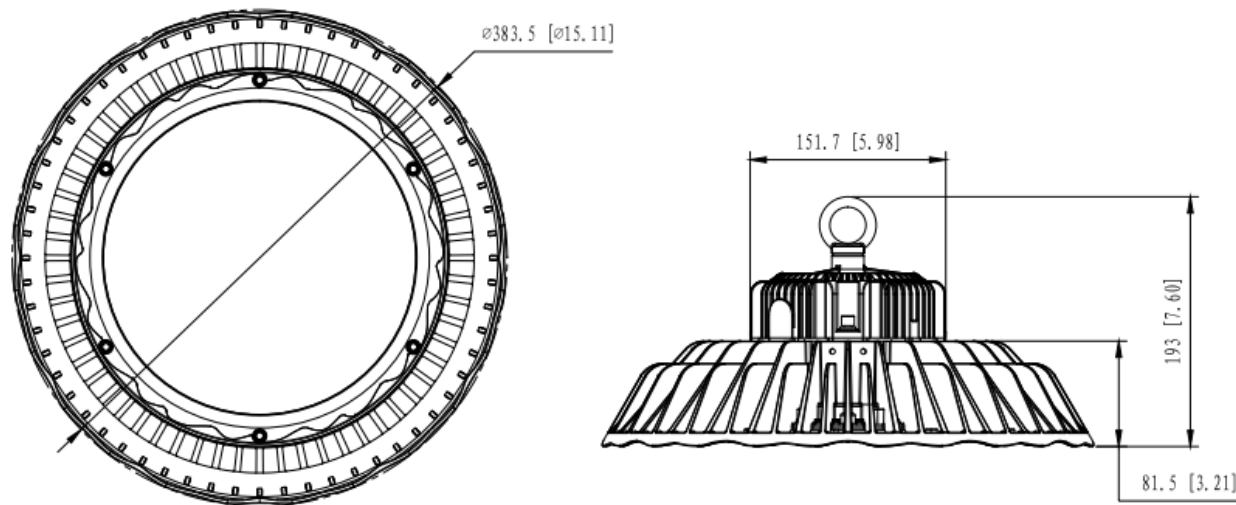
DALI Control

Dimmable High Bay
+ DALI Convertor

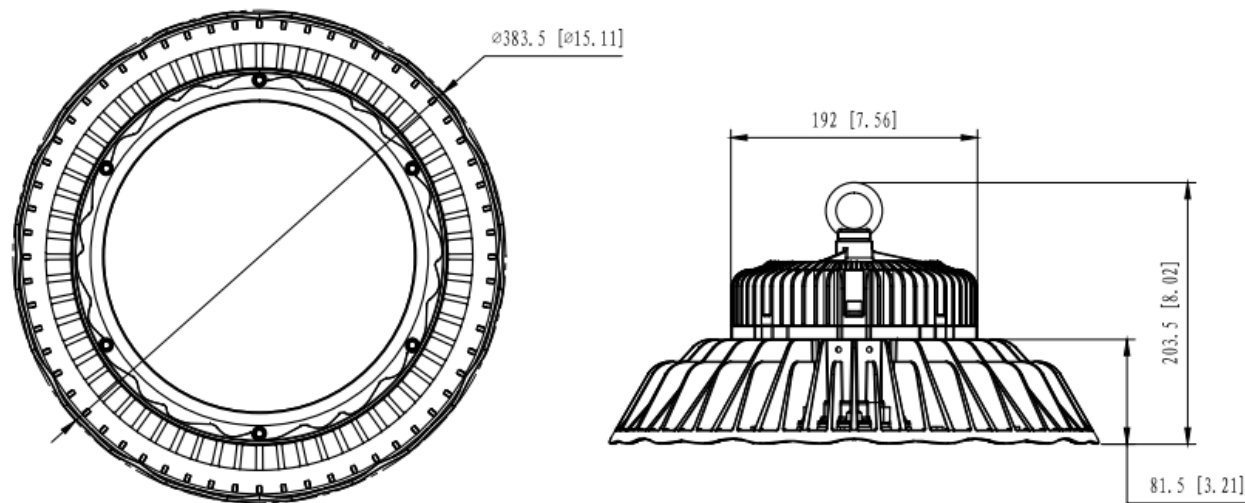
Parameters

Item Number	HB-100B	HB-120B	HB-150B	HB-200B
Power	100W	120W	150W	200W
Fixture Luminous Flux	>11,500lm	>13,800lm	>17,850lm	>23,000lm
Fixture Efficiency	>115lm/W			
LED chips	Nichia SMD			
CRI	>73 (CRI > 83optional)			
Color temp	5000K (4000K, 3000K optional)			
Beam Angle	120° (50° optional)			
IP rating	IP65			
Power Supply	Meanwell			
Input voltage	100-277VAC / 47-63Hz			
PF	≥0.95			
Materials	Die cast Aluminum / Tempered glass (PC lens optional)			
Installation	Hook / Pipe / Bracket			
Equivalent	250W	250W-400W	400W-600W	700W
Dimension	Ø383*193mm	Ø383*193mm	Ø383*193mm	Ø383*203mm
Package size	46*28*46cm			
N.W	6.3+/-0.3Kg	6.7+/-0.3Kg	6.7+/-0.3Kg	7.3+/-0.3Kg
G.W	7.8+/-0.3Kg	8.3+/-0.3Kg	8.3+/-0.3Kg	8.8+/-0.3Kg

Dimensions



100W/120W/150W



200W

Versatile Installation



Hook Mount(standard)



Ceiling Mount








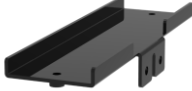




Pendant Mount



Wall Mount

Multiple mounting options for various applications

Accessories

Phot o		Descri pt i on	Phot o		Descri pt i on
		DALI Convertor			Ceiling mounted bracket non-rotatable
		Microwave sensor			Wall mounted bracket rotatable
		Cable Connector			Bracket for fitting DALI convertor
		1.5m 3 pin flex and Au plug			bracket for fitting sensor
		Pendant mounted bracket			50° lens