



## HiClean Plus, food processing lighting

- High performance design with Nichia SMD
- Luminous flux up to 26,000lm ( 200W)
- Efficacy up to 130lm/W
- Electrical: 100-240Vac/100-277Vac, 50/60Hz, PF ≥ 0.93
- LED Lifespan > 50,000 hours (Ta=30°C@L70)
- Energy saving up to 90%
- CCT: 5000K ( 4000K & 3000K available to special order )
- CRI > Ra70 (CRI > Ra80 optional)
- Beam angle: 50°, 90° and 120° optional.
- Superior uniformity
- Superior temperature stability
- Temperature tested at toughest conditions
- Meanwell driver
- No external reflectors required
- PC cover: Safe for food processing applications
- Operating temp: -30~+50°C
- Body: Aluminum alloy
- Stainless steel screws
- IP66 protection rating
- 5 years warranty

## HiClean Plus Product Range

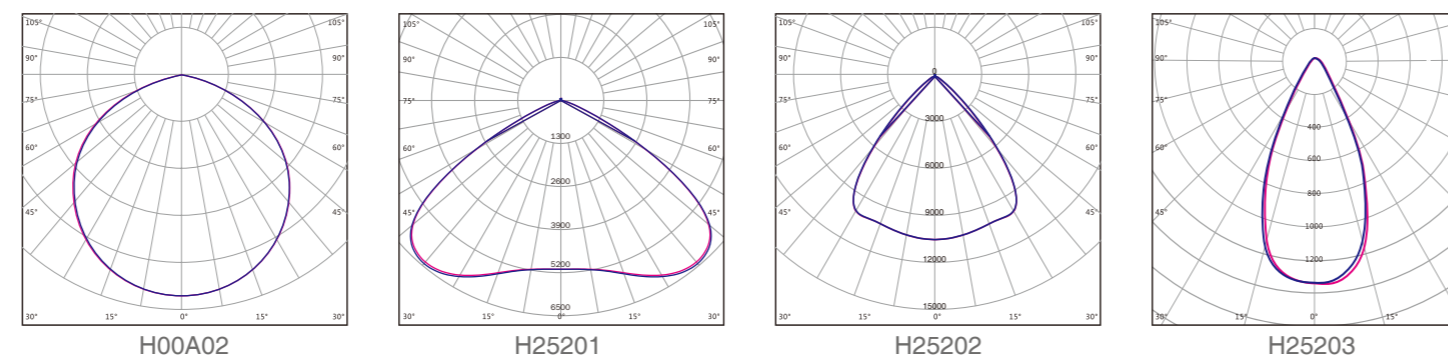
Part Number	HB06-100	HB06-120	HB06-150	HB06-200
Lumen Output	13,000lm	15,600lm	19,500lm	26,000lm
Wattage	100W	120W	150W	200W
Luminous Efficacy	130lm/W	130lm/W	130lm/W	130lm/W
CCT	3000K, 4000K, 5000K			
CRI	>Ra70, >Ra80			
Beam Angle	50°, 90°, 120°			
Input Voltage	100-240Vac/100-277Vac 50-60Hz PF ≥ 0.93			
IP Rating	IP66			
LED Driver	Meanwell			
HID Equivalent	250W	250W-400W	400W-600W	700W
Certification Pending	CE, RoHS			

## Control Options

Add to the product part numbers to include these control options

Occupancy Control	DALI Control	1-10V Dimming Control
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## Photometric Diagrams



## Mounting Options



# HiClean Plus

Specially Designed for Food Processing Lighting Applications



ISO9001: 2008

All info here ONLY for reference, please confirm with our sales before order.

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# HiClean Plus LED High Bay

Specially Designed for Food Processing Lighting Applications, Leading Industrial LED Lighting New Fashion.

## Ultra-high safety performance without glass or exposed screws

Made of high-transmittance PC instead of glass, the cover plate of HiClean Plus brings ultra high safety performance (preventing shards falling into foods in processing plants) and very high luminous efficiency. And there's no any screws on the outer surface of the lamp, which are cleverly hidden inside. This also shows a good look and ensures very good safety similarly (falling prevented).

## Good appearance design with modern art & quality

It's really a very clever design that HiClean Plus has a smooth outline of nature itself, without any remainder particles. It comes like a piece of art, full of modern sensibility. It maximally prevents dust and water from stockpiling, and makes cleaning work quite easy.

## Excellent cooling performance with a ingenious structure design

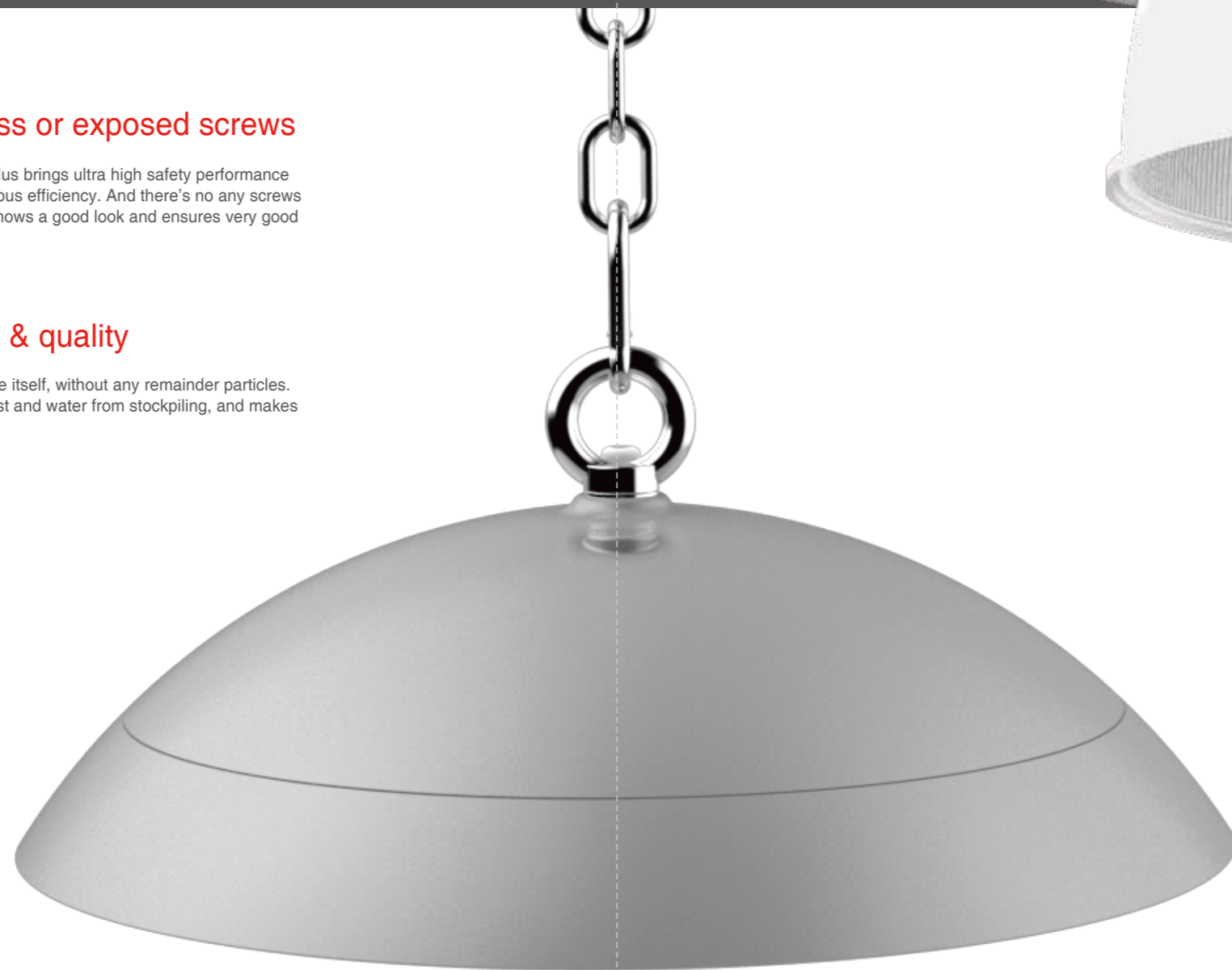
The die-cast aluminum body in diverging type shape, ensures adequate heat dissipation area, provides excellent cooling performance. The parts connecting structure is designed internal, so we cannot see any convex fins, screws or other projecting things on the surface. The seamless body makes cooling fast.

## IP66 weatherproof, corrosion-resistant and anti-aging

The lamp is designed to be IP66 weatherproof, which was tested and verified at harshest environment. The surface treatment is outdoor usage powder coating, to make the lamp be good looking and corrosion-resistant and anti-aging.

## Auto-off protection for maintenance safety

HiClean Plus comes with an internal auto-off structure, power will be auto cut off when the lamp body is disassembled. This guarantees the safety in later maintenance.



## High efficacy as always, up to 130lm/W

To get the target high efficacy, Nichia LED chips and MeanWell driver were chosen as always. Meanwhile some positive measures like rational LED board layout, or selection for higher efficacy grade chips, etc., were done for which.

## Generic light distributions & lens, meet different market demands

After more than two years of designing exploration and engineering practice, HiCloud (our flagship product) high bay has 11 kinds of light distributions (with tempered glass, PC cover or lens) now. This gets customer's unanimous recognition and high praise. Following the modular-generic principle, HiClean Plus will inherit all of the distributions, will meet different market demands quite well.

## New-type LED high bay, for wider application field

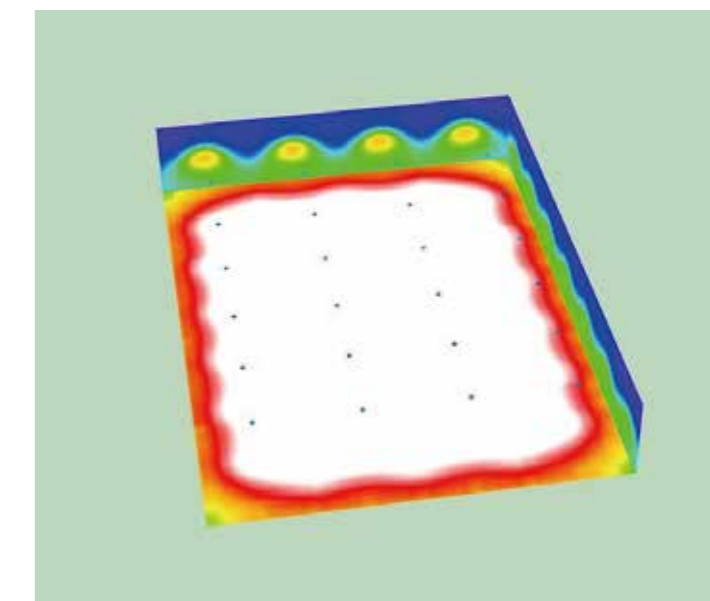
Undoubtedly HiClean Plus is a new-type LED high bay, which can be used as a normal high bay, covering applications such as shopping mall, logistics warehouse, factory working shop, etc.. More especially, it can be used in those applications having special requirements on safety and daily cleaning, like food processing plants. Yes, HiClean Plus is designed for that.



# HiClean Plus

Dialux Simulation

HB06-200 H00A02 5000K Ra70



## Superior lighting performance

Outperforms conventional LED high bay designs

HiClean Plus 150W	Other LED 150W
	
361 lux working plane	199 lux working plane
0.678 Uniformity	0.394 Uniformity
	

Room width 100m Room length 100m Room height 10m  
Fixture Qty 225pcs Fixture spacing 6.7m