Clean Room Plus

Specially Designed for Food Processing Applications

inui
CLEANER • SMARTER • BRIGHTER™

HACCP INTERNATIONAL
eliminate the hazard - reduce the risk

HACCP INTERNATIONAL
FOOD SAFETY
PROGRAMME
CERTIFICATION

This is to certify that

NSF®

IP69K

160 LM/W

INUI LTD Clean Room

INUI-**100**, INUI-**100/T**, INUI-**120**, INUI-**120/T**
INUI-**150**, INUI-**150/T**, INUI-**200**, INUI-**200/T**

reddot award 2018

90% Energy Saving

We use Nichia chips and Meanwell driver, 160lm/w are available. The light performance is much better than traditional LED high bay, which saves 90% energy.

In food processing applications, getting lighting right is critical. It require luminaires that contain no toxic materials, are highly resistant to corrosion, low cost in maintenance and especially be safe.

Smooth Surface Easy to Clean

The lamp is arched perfectly which contributes to be aesthetic, dust-proof and easy to clean.

IP66 & IK10

With outstanding IP rating, it is also IK10 listed for high-pressure wash-downs.

Automatic Power-off Safe to Maintain

Automatic power-off for safety maintenance.

No Exposed Screws, More Safe

Instead of glass, it was covered by high-transmittance PC. And there is no exposed screws. Presenting a beautiful outlook, it also outputs high lumen efficiency as well as safety in food processing applications.

No Toxic Chemicals

Safe polyester powder coating surface treatment support a safe, sanitary, aesthetic, corrosion-resistant and long lifespan light.

IP69K TEST PEPORT

Test according to the standard of IEC 60529:2013 Degrees of protection

1. Personal protection.
2. The protection of electrical equipment to prevent the entry of solid matter, including dust.
3. The protection of electrical equipment to prevent damage to the equipment caused by water.

Tests Summary

NO	Name of sample	Test item	Test standard	Judgment
1	LED High Bay Light	IPX6	IEC60529:2013	P
2	LED High Bay Light	2IXP	ISO20653:2013	P

2Degrees of protection provided by enclosures (IPX9K)

2.1 General description

The test is according to the standard of ISO20653-2013.

The sample is installed on the turntable.

Speed 5 ⌈/minspraysat0°，30°,60°,90°

Distance; 150mm.

Water flow rate: 15Umin.

Water pressure: 9000kPa.

Water temperature: 80°C.

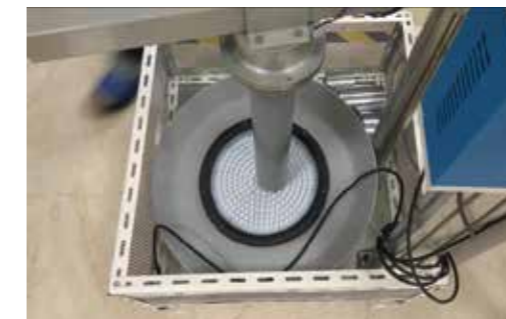Exposure time: 30s per position.

2.2 Technical requirements

Water which is directed against the enclosure from any direction shall not have any detrimental effect.

2.3 Test results

Name of sample	Sample code	Test result	Judgment
LED High Bay Light	1-1	After the test, the function of the sample is normal. No water enters the charged part of the sample.	P

2.4 Test equipment

NO	Type /" Model	Equipment name	Next due calibration date
1	KXT1398	Spray waterproof testing machine	2018-06-04

IK Test

IPX6 Test

IP6X Test

Excellent thermal management

For 200w light, maximum working temperature reaches 57°C;
For 150w light, maximum working temperature can be 65.5°C.

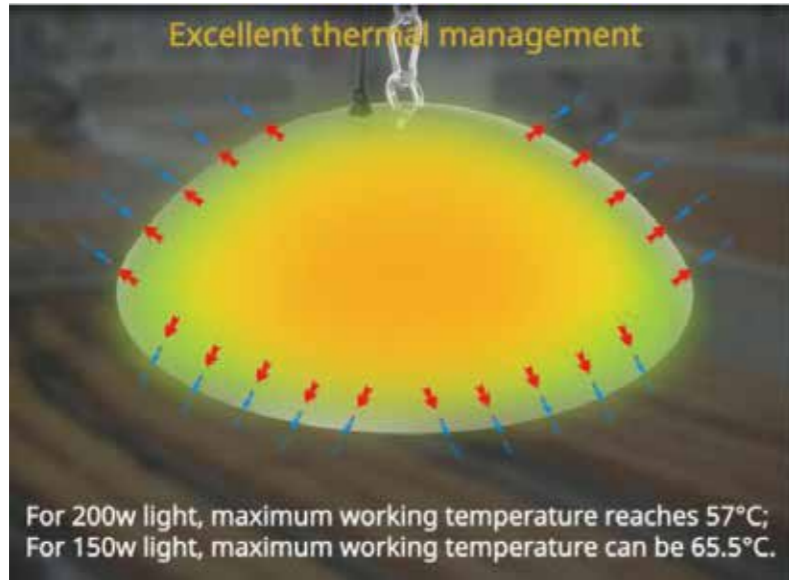## Excellent Thermal Management

Thermal management solution without the tradition external finning whilst maintaining the highest led and optical efficiency was a considerable challenge.

CRI>80 CRI>90 optional

High CRI index accurate color rendering.

Private Tooling, Unique in the Market

1. Ultra-high safety performance without glass or exposed screws, it covered by high-transmittance PC and PMMA to avoid glass fragments or screws falling into food.
2. Smoothly and seamless surface, easy to clean.
3. NSF certified, a necessary report for luminaire using in food processing applications.
4. Unique design with excellent cooling performance and ingenious structure ensure safe maintenance
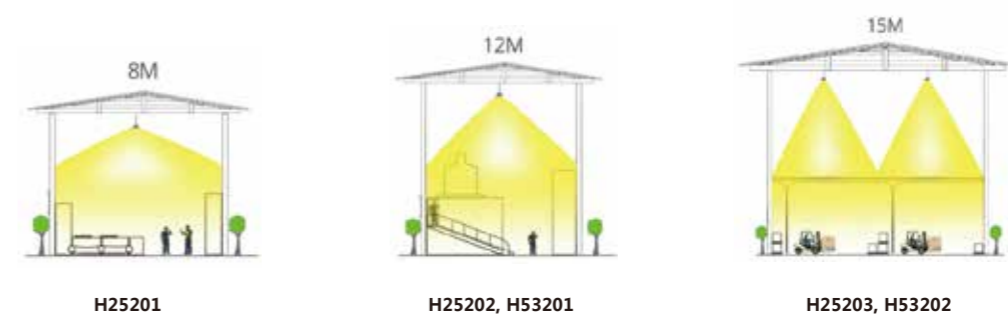
High Efficiency, Low Energy Cost

Direct HID metal halide replacement ideal for open area illumination Efficacy up to 160lm/W

100W (16000 Lumens) ❯	REPLACES 200W HID
120W (19200 Lumens) ❯	REPLACES 250W HID
150W (24000 Lumens) ❯	REPLACES 400W HID
200W (32000 Lumens) ❯	REPLACES 400W HID

Energy savings up to 90%, Make the most of your energy
(160lm/W)

Types of Light Distribution

Types of Light Distribution for Your Reference.

| H25201 | H25202, H53201 | H25203, H53202 |

Product Parameters

High Efficiency Version				
Part Number	HB06-100/H	HB06-120/H	HB06-150/H	HB06-200/H
Lumen Output	16,000lm	19,200lm	24,000lm	32,000lm
Wattage	100W	120W	150W	200W
Luminous Efficacy	160lm/W			
CCT	5000K(3000K, 4000K optional)			
CRI	>Ra70(>Ra80 optional)			
IP Rating	IP66			
Working Temperature	-30°C to +50°C			
LED Driver	Meanwell			
Input Voltage	100-240Vac/100-277Vac/277-480Vac, 50-60Hz, ≥0.93			
Warranty	5 years			
Lifespan	>50,000hrs			
HID Equivalent	200W	250W	400W	400W

Dimensions

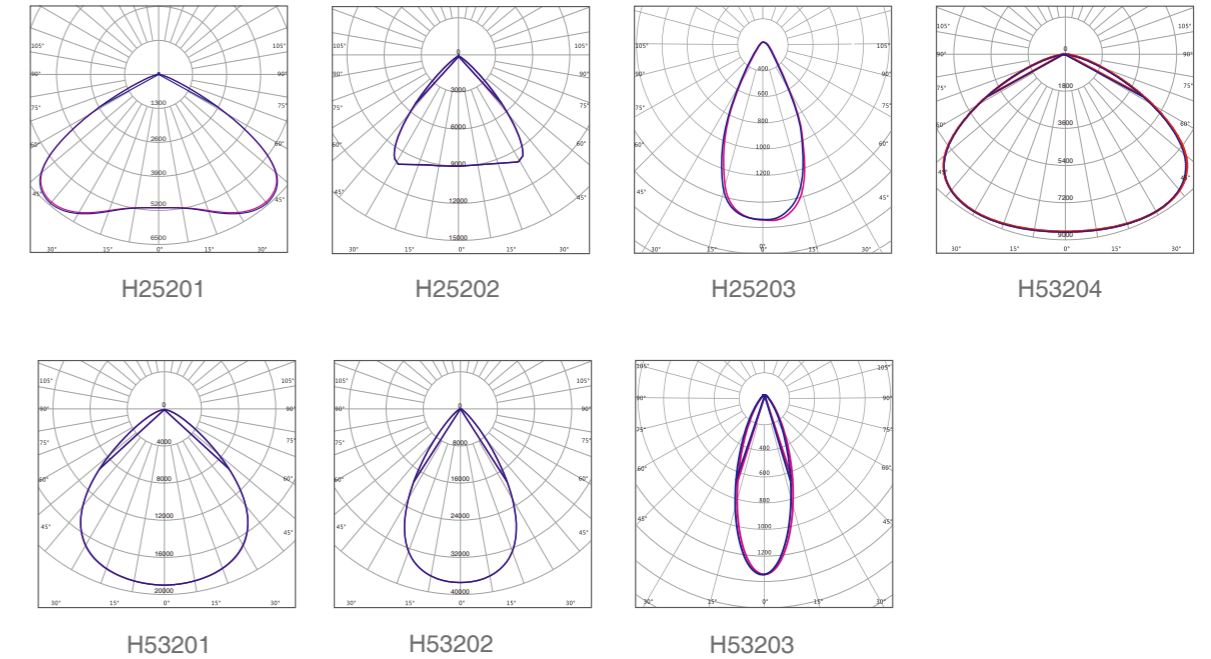| Net Weight	10±0.3kg
Outlook Dimensions	Φ489×200mm
Export Carton Size	L560*W260*H565mm

Colour

White

Light Distribution Optional

Our optical engineers advise you the best lighting solution by DIALUX simulation.

H25201

H25202

H25203

H53204

H53201

H53202

H53203

Mounting Options

Loop Hanging

Pipe Mounting

Ceiling Mounting

Intelligent Control

▶ **DALI Control**
▶ **1-10V Dimming**
▶ **Motion sensor**

Certificates

NSF   UL LISTED   CE   D-MARK   RoHS   SAA   ETC   TUV   HACCP INTERNATIONAL