



HICLEAN PLUS HIGH BAY (FOOD)

Specially Designed For Food Processing Lighting Applications
Certified By NSF International as: NSF/ANSI Standard 2 ~ Food Equipment.



Product Features

- ✓ Ultra- High safety performance without glass or exposed screw.
- ✓ Good appearance design with modern art & qualities.
Its 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 prevent dust and water from stockpiling and makes cleaning work quite easy.
- ✓ Excellent cooling performance with a ingenious structure design.
The die-casting aluminum body is diverging type shape, ensure adequate heat dissipation area, provides excellent cooling performance. The parts connecting structure is designed internal, so we cannot see any convex fins, screw or other projecting things on the surface. The seamless body make the cooling fast.
- ✓ Ingress 66 weatherproof, corrosion – resistant and aging.
The lamp is designed to be IP66 weatherproof, which was tested and verified t 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 the later maintenance.

Product Description

- Power available from 100W, 120W, 150W, 200W.
- HiClean Plus High Bay is suitable for height from 6 meters to 20 meters use.
- HiClean Plus High Bay is suitable use at factory and Manufacturing plant, Warehouse, Stadium, Hall, mall Exhibition Hall, Toll Counter and etc.
- High Performance at >130 LM/W with Original Nichia Chips, certified LM80 & TM-21.
- High Performance Original Mean Well Driver.
- Superior thermal management ~ An even heat distribution for greater cooling capacity.
- Light weight , various optical Len with multiple Beam Angle (50° ,90° ,120°) Fit difference application.
- PC transparent Optical Len safe for Food Processing applications.
- Intelligent Control with Non Dimming / Dimming.



Certification Program
Accredited by the
Standards Council
of Canada

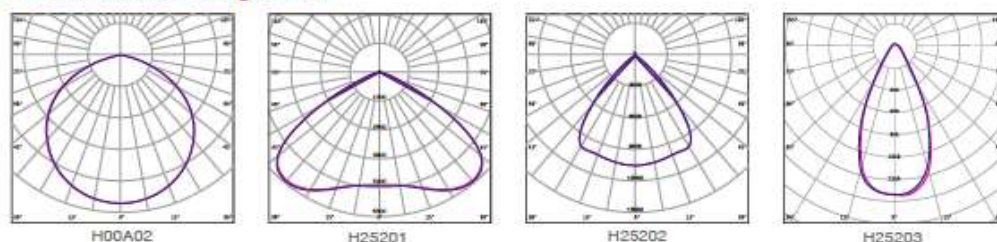
Electrical & Mechanical Protection Function

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| <ul style="list-style-type: none"> ✓ Output over - Voltage Protection ✓ Output over - Current Protection ✓ Short Circuit Protection ✓ Over Temperature Protection ✓ Surge Protection 4KV | <ul style="list-style-type: none"> ✓ Ingress Protection: IP66 ✓ Impact Protection: IK08 ✓ Full set of Stainless-steel screw use. ✓ Full set of waterproof connector use. ✓ Anti UV and Fireproof Optical PC Len. |
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Model & Specification

Model	EGE-HBF-P100	EGE-HBF-P120	EGE-HBF-P150	EGE-HBF-P200
Input Voltage	100V~277V			
Frequency	50/60 Hz			
Power Rating	100±2W	120±2W	150±3W	200±4W
Power Factor	≥ 0.95			
Operation Current	0.41A	0.50A	0.63A	0.83A
Working Temp	-30° C +50° C			
Total Harmonic Distortion	≤ 10%			
Lamp Luminous Efficiency	130 LM/W			
Luminous Flux	13000 LM	15600 LM	19500 LM	26000 LM
Power Efficiency	> 93%			
CRI	Ra ≥ 70			
Color Temp	3000K/ 4000K/5000K			
Driver Source	Mean Well			
LED Source	Nichia			
LED Quantity	112pcs	140pcs	189pcs	252pcs
Dimension	Ø489x200mm			
Luminaire Net Weight	7.2±0.3kg			
Ingress Protection	IP 66			
Beam Angle	50° / 90° / 120°			
Fixture Color	Silver Grey /Red			
Material	Aluminum Alloy and PC			
Lifespan (LM80)	>50000Hrs(Ta=30°C@L70)			
Energy Saving	≥ 60 % Savings From Conventional Lighting			
Intelligent Control	Non Dimmable / Dimmable			
Certification	NSF/ASNI, CE, LVD, EMC, RoHS			
Warranty	5 Years			

Photometric Diagrams



Remarks:

Detail and specification are current at the time of publication but may be changed without prior notice

