



HiClean Gen III HB39 Introduction

Applications

- Food Processing Plants
- Warehouses
- Factories
- Pharmaceutical Manufacturing Facilities
- Chemical Facilities
- Beverage Processing
- Poultry and Meat Processing
- Pet-food Production
- Grain and Sugar Production



What's the basic requirement of LED fixture for food-processing application?

- **Smooth Body for Easy Cleaning**

Normal LED high bay with fins housing would be hard for cleaning, while simple and seamless exterior design fixture makes cleaning very easy and convenient.



V.S.



What's the basic requirement of LED fixture for food-processing application?

- **IP69K & IP66**

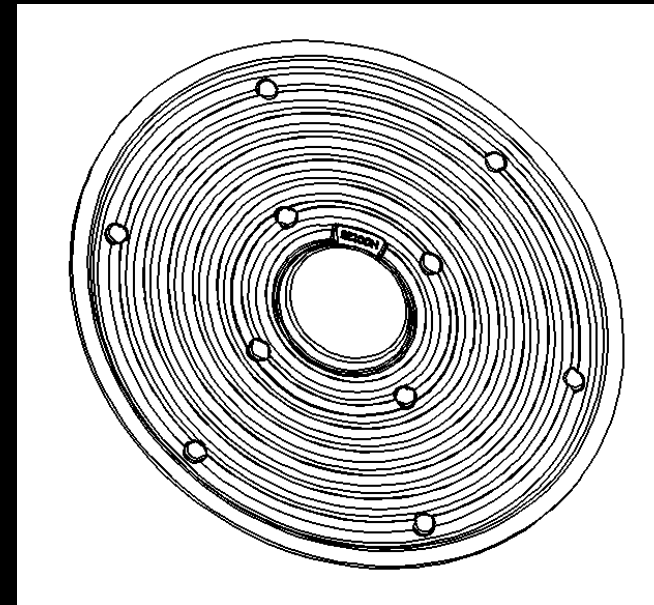
LED fixture in food-processing facility needs to be hosed down frequently for cleaning with high pressure & high temperature water jet. Fixture with IP66&IP69K would be perfect for this environment.



What's the basic requirement of LED fixture for food-processing application?

- No Glass
- No Exposed Screws

Food-processing facility allows no glass with fixture in case of its breaking into food. Screws might hide bacteria, and it is better to have no exposed screws.



PC Lens

Product Specification

Model No.	EGE-HB39-100	EGE-HB39-120	EGE-HB39-150
Power	100W	120W	150W
LED chip	SMD3030		
Color	White		
Lumen efficacy	140lm/W		
CCT/CRI	5000K (4000K optional) , Ra80 optional		
Optics	60/90/120°		
Input Voltage	100-240VAC / 100-277VAC / 277-480VAC		
IP Rating	IP66 & IP69K , IK08		
Warranty	5 years		
Weight	5.9 ± 0.3kg		
Housing Material	ADC 12		

Product Features

- Cost-effective 140lm/W with 100W, 120W, 150W
- Smooth body with no exposed screws, greatly diminishing dust and water accumulation.
- NSF, IP66, IP69K, suitable for food-processing applications.
- Integral microwave motion sensor
- PC reflector, aluminum reflector and wire guard available.
- Easy and reliable installation. All fixtures come with safety cable.



Integrated Microwave Sensor

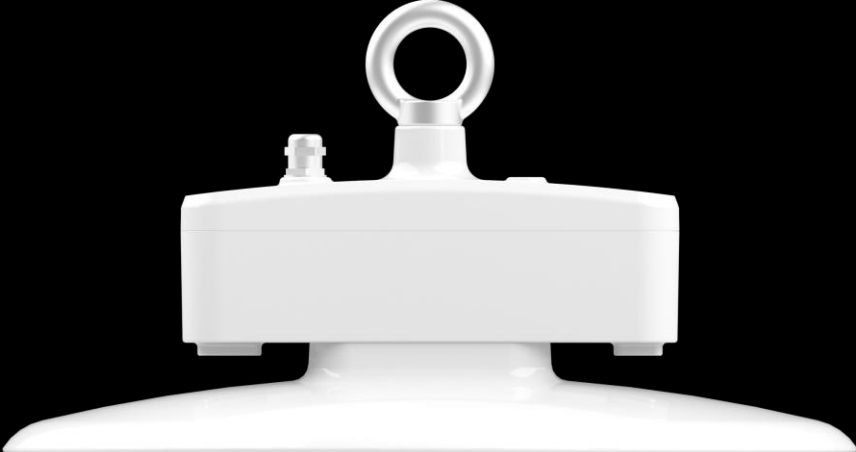
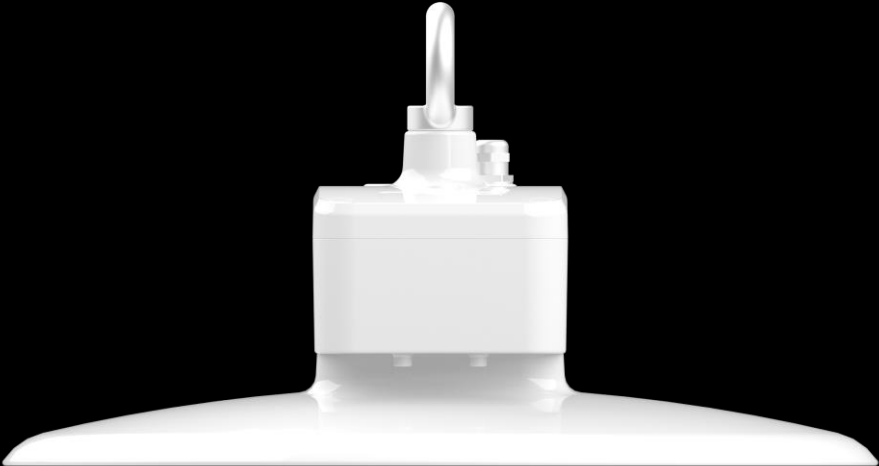


The microwave motion sensor is built inside and can be configured by a remote controller.

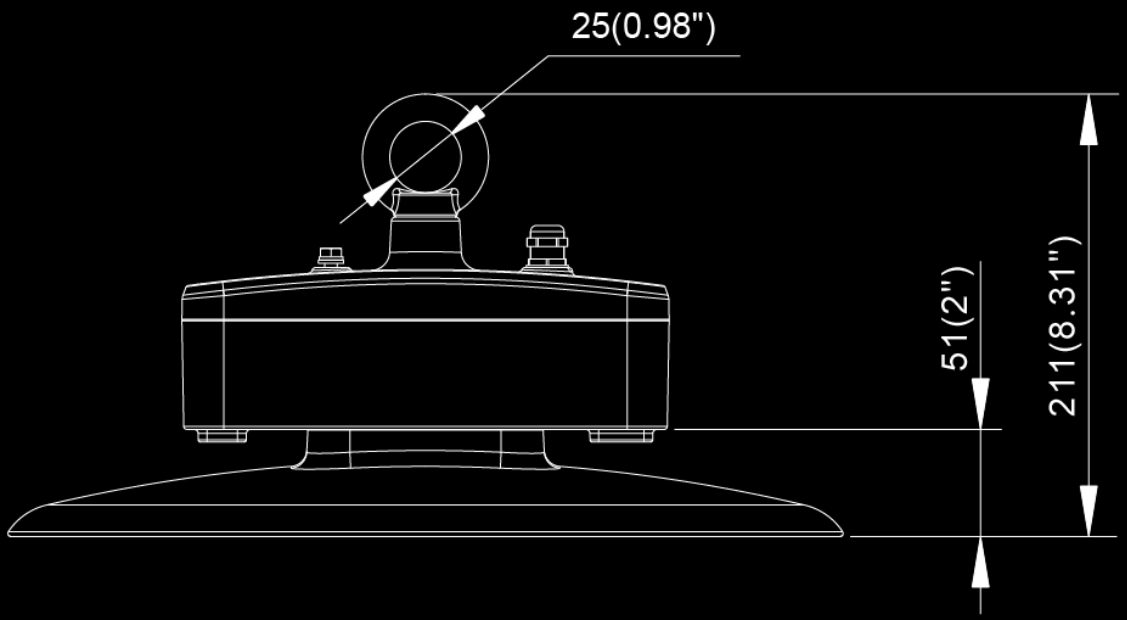
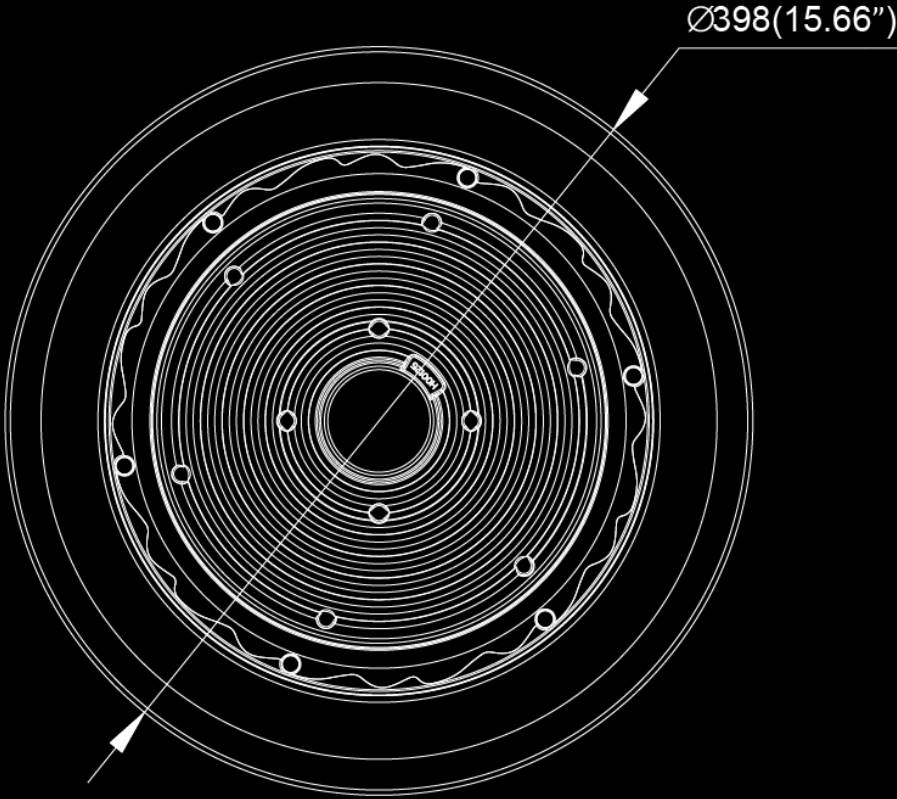
Height 15M



HiClean Gen III's Image



HiClean Gen III's Dimension



Higher Efficiency up to 145LPW@5000K 80RA

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.02V I:0.6632A P:150.33W PF:0.9854 Freq:50.00Hz Lamp Flux:21574.5x1 lm		
NAME: HB39-150-5080-H00125	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: ϕ 0.24	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			Eff: 143.52 lm/W
MODEL	SE303	I _{max} (cd)	10456	S/MH (C0/180)	1.31
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	21575	η UP, DN (C0-180)	0.0, 50.0
NOMINAL FLUX (lm)	21574.5	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	100.0	CIBSE SHR MAX	1.30

Mounting Options



Eye-bolt mount



Hook mount



Conduit mount