reddot award 2018

Specifications

Model No.	HB06-100	HB06-120	HB06-150	HB06-200
Power Consumption	100W	120W	150W	200W
LED Type	Nichia LED			
Luminous Flux	14000(±5%)LM			
Efficacy	140 LM/W			
Correlated Color Temperature	5000K (3000K, 4000K optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	H00A02, H00B03, H00B04, H25201, H25202, H25203			
Power Supply	Meanwell			
Input Voltage	100-277 VAC /277-480 VAC			
Power Factor	≥0.93			
Frequency	50 / 60 Hz			
Surge Protection	2kV line-line, 4kV line-earth			
Driver Type	Constant Current (CC)			
Product Dimension	19.25"×7.87"		φ489×200mm	
Luminaire Net Weight	15.87±0.66Lbs		7.2±0.3kg	
Export Carton Size	22.05"×10.24×22.24"		560×260×565mm	
Gross Weight	20.1+0.66Lbs		9.1±0.3kg	
Material	Housing	Aluminum Alloy		
	Optics	Tempered Glass or Polycarbonate Optical Lens		
Finish	Safe polyester Powder Coating			
Fixture Color	Silver or white			
IP Rating	IP66			
Mounting Option	Loop Hanging / Ceiling Mounting			
	Pipe mounting			
Operating Temperature	-22°F to 122°F		(-30°C to + 50°C)	
Life Time	>50,000Hrs (Ta=30°C@L70)			
Warranty	5 Years			
Dimmable	1-10V Dimmable and Non-dimmable			
Intelligent Control	Dali			
Accessory	PC Cover - 120° Clear Cover/ Milky PC Cover			
	PC Optics Lens - 50°, 90° and 120° PC Lens			
	Reflector - PC / Aluminium Reflector			
	Bracket - Ceilling mount bracket			
	Bracket - Pipe Mounting Bracket for ½" or ¾" NPT			
	Safety Chain - (250mm chain, M10+M10 hook=340mm)			

Description

Food-processing application allows no glass, and HiClean Plus adopts PC lens instead for safety. And PC lens could be fully made use of light and HiClean Plus is up to 160lm/W. It is marvelous to reach energy saving and food safety at the same time. It's a perfect desgin that HiClean Plus comes without any exposed screws, which meets safety requirement of food-processing application.

Key Features

• Ultra-high safety performance without glass or exposed screws, made of high-transmittance PC and PMMA instead of glass, avoid glass fragments or screws falling into food .

• Glossy/smooth appearance with seamless design ,very easy to clean .

• NSF certified, a passport for luminaire using in food processing area.

• IP66 & IK10 ,corrosion resistance .

• Lumen efficiency up to 160lm/w ,energy saving up to 90%.

• 100-277V&277-480V optional.

• Multiple light distributions for differentt project needs

• 7 types of beam angle , meet different demand of various projects

Applications

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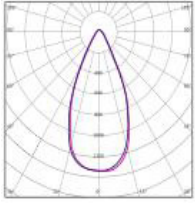• Grain and Sugar Production

Photometry

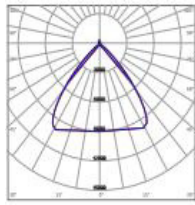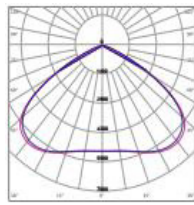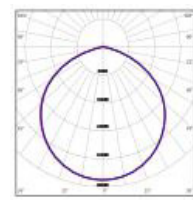| 50° PC Lens (H25203)	90° PC (H25202)	120° PC Lens (H25201)	120° Tempered Glass / Clear PC / Milky PC (H00A02 / H00B03 / H00B04)

Mounting Options

Loop Hanging	Ceiling Mounting	Pipe Mount	Hook Mounting

Dimensions

100W-200W

Ø 34mm (1.34")

200mm (7.87")

54mm (2.13")

Ø 489mm (19.25")

Ø 403mm (15.87")
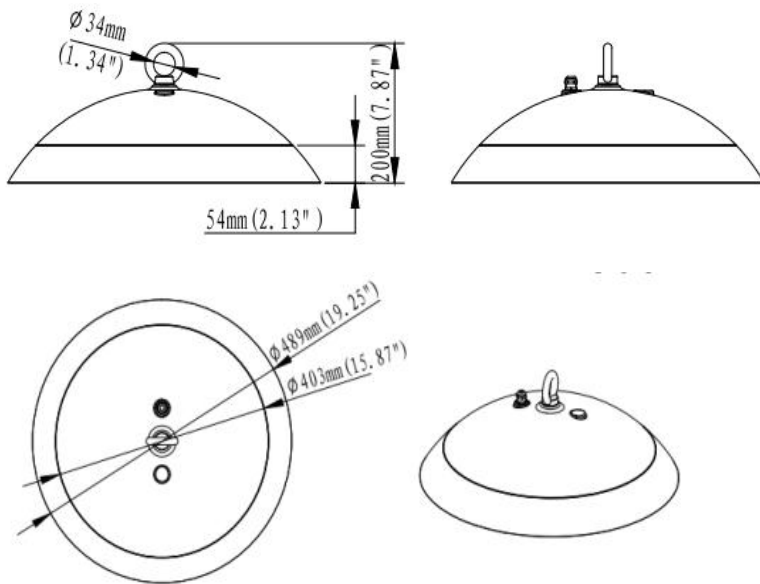
Accessories

PC Lens	Tempered Glass	PC Reflector	Aluminum Reflector

Ceiling Mount bracket	Safety Chain	Pipe Mount