

What role does luminaire play in food processing industrial ?

Food processing plants have special requirements for the luminaire on safety and appropriate brightness. Easy fragile lighting fixture is not safe type for food industrial.
Contamination of raw material in product processing area maybe not easily detected by the naked eyes under low illumination environment, especially color defects in vegetables and fruits are not distinguishable . Loading and storage areas , as well as monitoring area, are difficult to find pests and rodents due tolow brightness, so that hinder the effectiveness of the cleaning and disinfection procedures.



WHY CHOOSE HB21
FOR FOOD PROCESSING PLANT ?



Microwave sensor

Built-in Microwave Sensor

Equipped with integrated motion sensor, high bay light turn on and off automatically once any movement detected or activate dimming operation. Save more energy by microwave sensor control.
Microwave motion sensor can be set with remote controller after your installation, help you to save more labor cost and make it a smarter solution

- Contains no glass, no exposed screws and toxic material for food safety
- IK10 lens with breakage-resistant and impact-proof, not easy going yellowing after repeat clean
- -30~+50deg working temp. ensure cold stores and deep freeze can be used as well.
- Smooth well-sealed surface easy clean
- Anti-corrosion with power coating



R9>50, CRI>90 Optional

HB21 can make R9 value over 50. This means you could still have a WHITE light with a CRI 90 yet the lighting fixture won't show the bright colors like Red and Strong Blue. So that HB21 also can be used for any area of strict requirement on color display ; such as Printing and plate-making workshop, product exhibition hall of textile factory, printing and dyeing factory, printing factory, pigment factory, paint factory etc.

High CRI >90 | Low CRI >50

IP69K High protection grade

The IP69K rating is the highest protection available

The IP69K rating Provides protection against ingress of dust and high edmperature,high pressure water -making products with this certification ideal for use in conditions where equipment must be carefully sanitized.

Application

HB21 is well suited for all food & beverage processing factories ,slaughter houses, and protein processing facilities .

CALL US

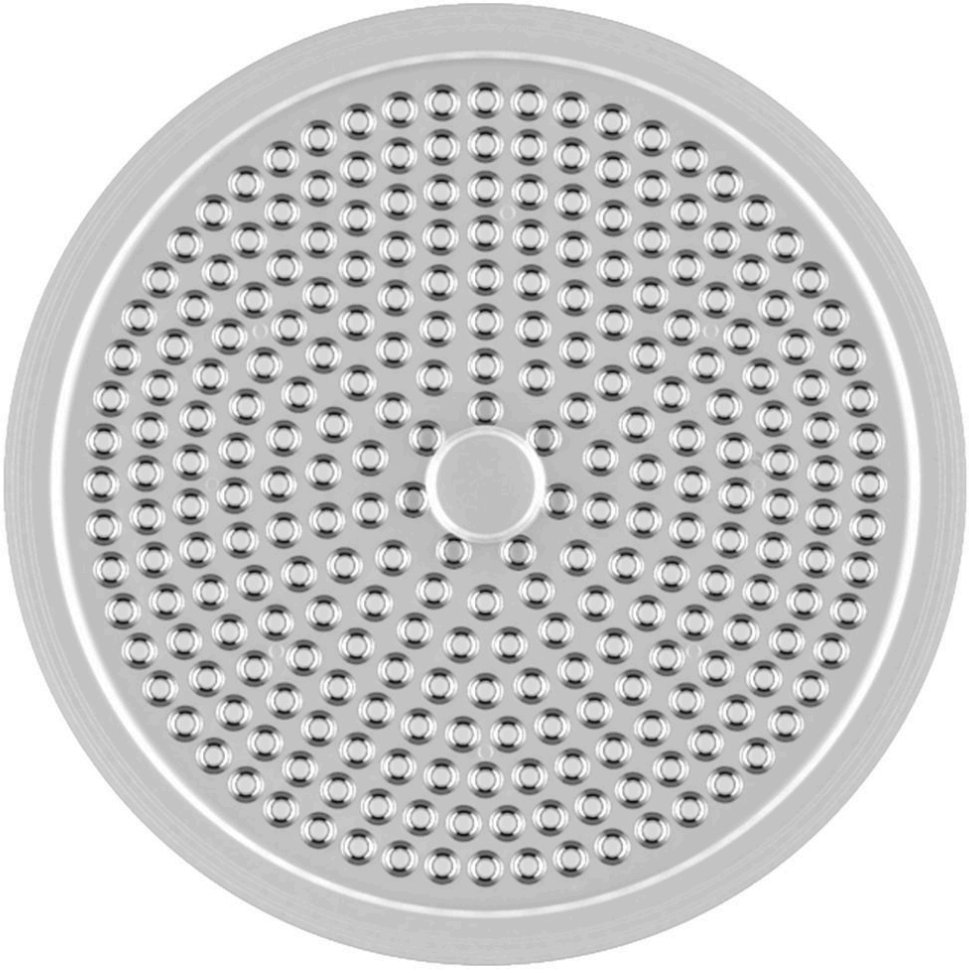
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Any interested in it ? Call us now for more info.

CALL

KIRITO





ADDITIONAL PRODUCT SPECIFICATIONS

Series Code	HB21
Power	100W, 120W, 150W, 200W, 240W
Efficacy	150lm/W
Input Voltage	100-240 VAC, 50 / 60 Hz
Power Factor	>0.92
UGR Level	26
CCT	5000K, 4000K, 3000K
CRI(Ra)	70, 80
Control	Dimmable, DALI, Microwave Sensor
IP Rating	IP66
IK Rating	IK08
Mounting Option	Loop Hanging
Warranty	5 Years
Surge Protection	2kV line-line, 4kV line-earth
Operating Temperature	-30°C to + 50°C

The product has been discontinued online. Please contact our sales representative for more information. HiAir is specially designed for food processing applications, available in two versions. The standard version, equipped with a built-in microwave motion sensor, offers power range from 100W to 240W. While mini version covers power from 100W to 150W and features a more compact size. Both versions featured by: Smooth exterior without exposed fasteners. Free from glass and toxic materials, ensuring food safety. Smooth housing withstands high-pressure water washing and high-temperature steam. High efficacy up to 150lm/W. Applications Food Processing

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4

PRODUCT VIEWS



VIEW 5