



Arctic

ARCTIC LED highbay is specifically designed for food processing environments. Its arched body ensures easy cleaning and a hygienic design. The built-in microwave sensor saves energy and is adjustable via remote.

Made of Aluminum Alloy



IP69

Safe & reliable

ARCTIC LED is free of glass and harmful substances, powder coating ensures corrosion resistance and food safety.

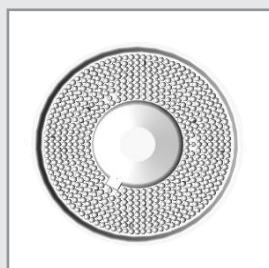
IP69K High protection grade

IP69K rating provides protection against ingress of dust, high temperature and high pressure water. Products with this certification are ideal for use in conditions where equipment must be carefully sanitized.

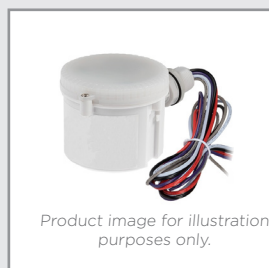
Key features

- Smooth exterior and no exposed fasteners
- Contains no glass and toxic material for food safety
- Well-sealed with dust tight and waterproof rating of IP69K
- Equipped with Microwave sensor modules and set by remote controller after installation
- The smooth, seamless and downward angled aluminum alloy housing design ensures zero residue remains after cleaning with water jets
- Super high efficacy up to 150 lm/W

Accessories



Optic lens
High transmittance PC materials, UV test approval.



Microwave motion sensor
120-277Vac input, IP65 rating, max detect height is 15m.



Safety Chain
304 stainless steel, available for 0.25m, 1m, 1.5m and 5m long.

Applications

- Food processing plant
- Warehouse
- Factory
- Chemical facilities
- Beverage processing
- Poultry and meat processing
- Pet-food production
- Grain and sugar production
- Any area demanding a well sealed, smooth, high output LED light fixture

Technical Data @5000K

Model No.	ARCTIC 100	ARCTIC 120	ARCTIC 150	ARCTIC 200	ARCTIC 240
Power Consumption (±5%)	100W	120W	150W	200W	240W
Input Voltage	100-240 VAC, 50 / 60 Hz				
Power Factor	≥0.92				
Surge Protection	2kV line-line, 4kV line-earth				
Control	Dimmable, DALI, Microwave Motion Sensor				

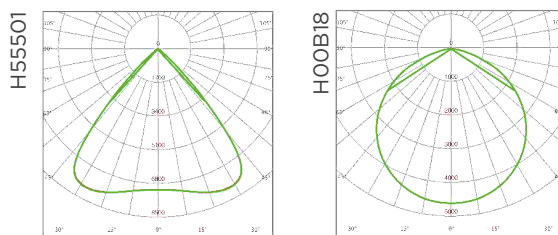
Optic Information

LED Type	LED 3030				
Luminous Flux (±10%)	15000lm	18000lm	22500lm	30000lm	36000lm
Efficacy(4000K Ra70)	150lm/W				
Correlated Color Temperature	5000K (3000K, 4000K optional)				
Color Rendering Index	Ra70 (Ra80 optional)				
Beam Angle	H55501, H00B18				
UGR level	26				

Dimensions and Mounting

Product Dimension	Ø520x223mm	
Luminaire Net Weight	8.9 kg	9.1 kg
Mounting Option	Loop Hanging	
Material	Aluminum Alloy, Polycarbonate Optical Lens	
Finish	Powder Coating	
Fixture Color	White RAL 9016	
IK Rating	IK07	
IP Rating	IP69K	

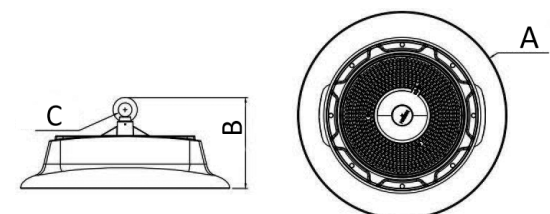
Photometry



Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED	203.000hrs-L70, 125.000hrs-L80, 56.000hrs-L90
Warranty	5 Years

Mounting Option



Type	A (mm)	B (mm)	C (mm)
ARCTIC	Ø520	223	Ø34

