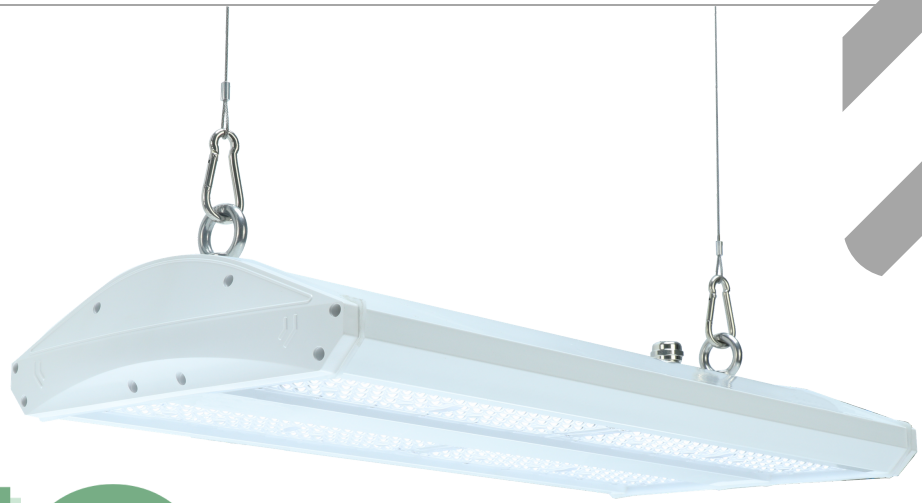




www.newstarlighting.com



# ALTO

## HIGH BAY SERIES

### Illumination from New Heights

The Alto High Bay (ALHB) Series is a linear NSF luminaire that melds efficiency with robustness. The sloped, anti-corrosion aluminum housing makes for long-lasting reliability and supports easy cleaning within food-safe environments.

Available in 4000°K and 5000°K, the ALHB clear optic lens allows for maximum lumen output reaching up to 41000lm. With two stainless steel hooks on the back of the housing, the Alto Series is suited for easy suspension installation.



#### SIZES

Available in 1ft, 2ft, 3ft



#### BEAM ANGLE

90° beam angle for precise distribution



#### EMERGENCY BATTERY

Optional external IP65 emergency battery pack available in 30W



#### CERTIFICATIONS

ALHB is certified to UL standards. IP69K. 1500 PSI. NSF2 Food Zone. Splash Zone. Non-Food Zone.



#### OPERATING TEMP.

-40°C to 50°C, ability to withstand both freezing conditions and high-temp. washdowns



#### LUMEN OUTPUT

1ft: 12500lm (80W)    2ft: 16000lm (100W), 25000lm (160W), 31000lm (200W)  
3ft: 41000lm (300W)

# AHLB Certifications Defined



## Ingress Protection (IP)

### SOLIDS

- 1** Protected against a solid object greater than 50mm.
- 2** Protected against a solid object greater than 12.5mm.
- 3** Protected against a solid object greater than 2.5mm.
- 4** Protected against a solid object greater than 1mm.
- 5** Limited ingress of dust permitted.
- 6** Complete protection from dust and other particles.

### LIQUIDS

- 1** Protected against vertical falling drops of water.
- 2** Protected against falling drops of water tilted up to 15°.
- 3** Protected against sprays of water up to 60° on either side.
- 4** Protected against water splashing from all directions.
- 5** Protected against jets of water with limited ingress.
- 6** Protection against powerful water jets and heavy seas.
- 7** Protection against temporary water immersion. (30 min)
- 8** Protection against immersion in water for long periods.
- 9K** Protected against powerful, high temperature water jets.

**IP69K**

## 1500 PSI

The PSI (Pounds per Square Inch or Pound-force per Square Inch) rating is the ability to resist the pressure that the water or detergent exerts on the gasketed areas of the luminaire that makes it suitable for hose-down applications.

## NSF: National Sanitation Foundation

**Splash Zone:** Areas that are exposed to routine food splashes and spills but are not surfaces intended for contact with consumable food.

**Food Zone:** Areas that are intended to be exposed to direct food contact or surfaces with consumable food may contact and then splash back onto food.

**Non-Food Zone:** Areas that are not exposed to food or splashes but may be subject to some minor dirt and debris.