

# STARCLEAN NSF HIGH BAY SERIES



PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_

## PRODUCT FEATURES

- Intended for harsh ambient environments, including Warehouses, Industrial, Plants, Food Processing facilities, Natatorium Environments, Manufacturing Facilities, and more
- Lumen output/wattage and color temperature selectable via DIP switch
- Linear high bay available in 2ft and 3ft
- Hooks on back of fixture for suspension mounting
- IP69K rating to withstand daily wash-downs
- IP69K certified and tested for 1500 PSI. NSF2 Splash Zone/Non-Food Zone Listed



ALHB

## ORDERING INFORMATION

Example: ALHB2-HGCCT15-CP-UN-BLD30



ALHB		HG	CCT		CP	UN	
<b>Series</b>	<b>Nominal Size*</b> 2 = 2ft 3 = 3ft  *Nominal Size. Dimensional Data on page 2.	<b>Lumen Output*</b> HG = High  *Subject to change. ALHB2 factory set at 24000lm. ALHB3 factory set at 45000lm. Field adjustable via DIP switch.	<b>Field-Selectable CCT</b> 4000K, 4500K & 5000K  *Factory set to 4500K. Field adjustable via DIP switch.	<b>Beam Angle*</b> 15 = 15° 25 = 25° 40 = 40° 60 = 60° 90 = 90° 120 = 120°+  *Longer leadtimes may apply. Consult factory for additional options. + High Temp 75° only available with 120° optic	<b>Optic Lens</b> CP = Clear Poly.	<b>Voltage</b> UN = Universal (120V-277V)	<b>Options</b> BLD30 = BillDa External Emerg. Battery (30W)* WG = Wire Guard MS = Motion Sensor**  *Consult factory for more information. Factory installed battery. 1 remote control per order, consult factory for additional remotes. **Only available in 3ft

## SPECIFICATIONS

**HOUSING:** Non-toxic, strong anti-corrosion aluminum housing with silicone rubber to prevent any contaminations from entering. Aluminum heat sink designed for maximum thermal dissipation. LED modules are sealed and have a clear optic lens for maximum output. NSF-rated Epoxy Polyester powder coat white paint finish. Optional High Temp 75°C housing is aluminum.

**LED:** Lumen output/wattage and color temperature are field adjustable. Fixtures are factory set at high (HG) in 4500K, can be adjusted to down to 3000K and up to 6500K. See page 2 for more details. Minimum 80 CRI standard. Multiple beam angles available in the standard unit, consult factory for additional options.

**ELECTRICAL:** 120-277VAC, 50/60HZ with standard 0-10V Dimming with 1-100% range. Integral driver rated to 45°C. Optional High Temp 75°C driver is remote mount.

**EMERGENCY BATTERY:** Optional IP65 external emergency battery pack. Battery pack is 30W with 90 minutes of emergency time. Includes power box, remote control reception, hook-up, L-shaped bracket, Junction Box, terminal and 1 remote control per order. Consult factory for more information or additional remotes.

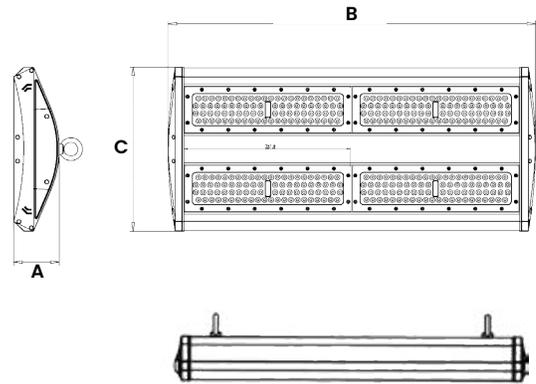
**OPERATING TEMP:** -40°C to 45°C with integral driver. Optional High Temp 75°C unit requires remote driver.

**INSTALLATION:** Suited for suspension mounting with hooks on back of housing. Suspension chain kit standard (field installation). Power cable located on back of fixture.

**WARRANTY:** Limited five (5) year warranty.

**LABEL:** Fixture is certified to UL standards. IP69K certified and tested per IEC60529 for ingress of dust, high pressure hosedown (up to 1450 PSI) and high water temperatures (up to 176°F). NSF2 Splash Zone/Non-Food Zone/Food Zone Non-Contact certified.

## DIMENSIONAL DATA



MODEL	A	B	C
ALHB2	2.72"	21.91"	9.84"
ALHB3	2.72"	31.91"	9.84"

## PERFORMANCE DATA\*

\*LEDs are frequently updated therefore values may change without notice.

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
ALHB2	LW = Low	4500K	12000	150	80
	ST = Standard	4500K	18000	150	120
	HG = High**	4500K	24000	150	160
ALHB3	LW = Low	4500K	24000	150	160
	ST = Standard	4500K	30000	150	200
	HG = High**	4500K	45000	150	300



**New Star Lighting**  
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Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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