

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
- Optional High-Temperature Ambient High Bay for temperatures up to 75°C (Remote Driver)
- IP69K certified and tested for 1500 PSI. NSF2 Splash Zone/Non-Food Zone Listed



ALHB

ORDERING INFORMATION

Example: ALHB2-HG4515-CP-UN-BLD30



ALHB		HG	45		CP	UN	
Series	Nominal Size 2 = 2ft 3 = 3ft 4 = 4ft *Nominal Size. **NA in High-Temp 75°C	Lumen Output* HG = High *Subject to change. ALHB2 factory set at 24000lm. ALHB3 factory set at 45000lm. Field adjustable via DIP switch.	Color Temp* 45 = 4500K *Factory set to 4500K. Field adjustable to 3000K and 6500K via DIP switch.	Beam Angle* 15 = 15° 25 = 25° 40 = 40° 60 = 60° 90 = 90° 120 = 120°+ *Consult factory for additional options. + High Temp 75° only available with 120° optic	Optic Lens CP = Clear Poly.	Voltage UN = Universal (120V-277V)	Options BLD30 = BillDa External Emerg. Battery (30W)* WG = Wire Guard OC = Occupancy Sensor** 75°C = High Temp 75°C with Remote Driver* *Consult factory for more information. Factory installed battery. 1 remote control per order, consult factory for additional remotes. **Only available in 3ft & 4ft. housings + OC not available with High Temp 75°C version

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.

High Temp 75°C unit is only available with 120° Beam Angle. Lumen efficacy is 150 lm/w. Projected life is 50,000 hours at 70% lumen output in a 25°C ambient temperature, compliant with IES LM-80 testing standards. .

ELECTRICAL: 120-277VAC or 120-347VAC, 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.

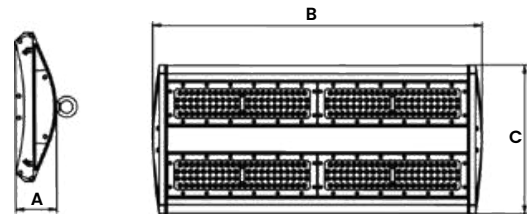
OPERATING TEMP: -40°C to 45°C with integral driver. Optional High Temp 75°C unit requires remote driver.

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
 2225 W Pershing Rd, Chicago, IL 60609
 (773) 847-1400
 www.newstarlighting.com

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

© 2025, New Star Lighting. All rights reserved. Unauthorized duplication or distribution is prohibited.