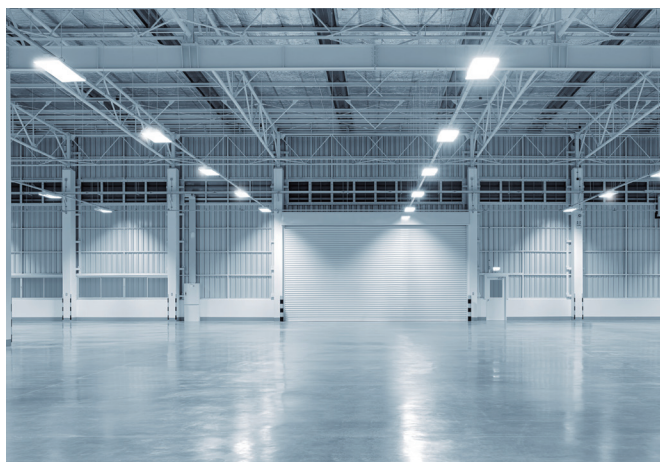




With Power and Dimming Cords



Suspended Mount



The NLHB Linear High Bay has lumen range from 14,000lm to 54,000lm. The extruded aluminum heat sinks enable optimal thermal control and longer system life in complex environments. 3000K, 4000K and 5000K selectable. It is an ideal replacement for induction lamp, metal halide or HID lamp. For use in light Industrial applications such as workshop, warehouse, indoor stadium, etc.

TECHNICAL DATA

Wattage	Selectable 100W
	Selectable 150W
	Selectable 200W
	Selectable 240W
	Selectable 300W
	Selectable 400W
CRI	80
CCT	Selectable 3000K/4000K/5000K
Input Voltage	120-277VAC, 50/60Hz
Operating Temp.	-4°F to 104°F (-20°C to 40°C)
	Maximum 86°F (30°C) for 400W
	Maximum 95°F (35°C) for 300W
Driver	0-10V Dimming
Certifications	cULus Listed
	RoHS compliant
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load
Projected Lifetime	L70 - 100,000 Hours

FEATURES

- Lumen range from 14,000lm to 54,000lm.
- Extruded aluminum heat sinks.
- 3000K, 4000K and 5000K selectable.
- Wattage selectable.
- Motion sensor and emergency battery back-up are available.

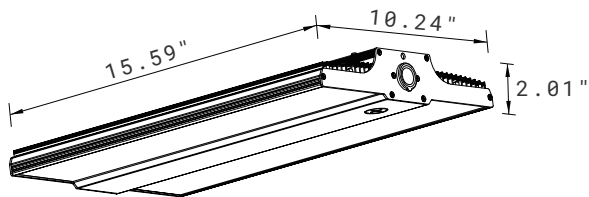
SPECIFICATION

100W, 150W

L*W*H (inch)

15.59*10.24*2.01

Max. Weight: 7.26lbs/3.3kg

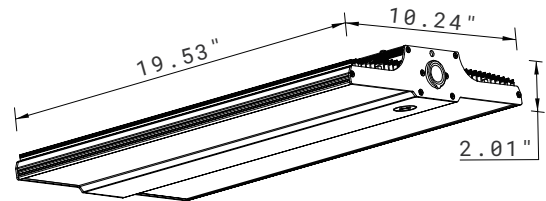


200W, 240W

L*W*H (inch)

19.53*10.24*2.01

Max. Weight: 8.38lbs/3.8kg

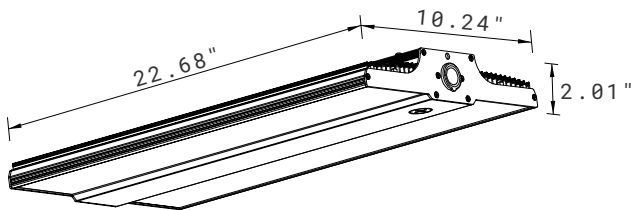


300W

L*W*H (inch)

22.68*10.24*2.01

Max. Weight: 9.48lbs/4.3kg

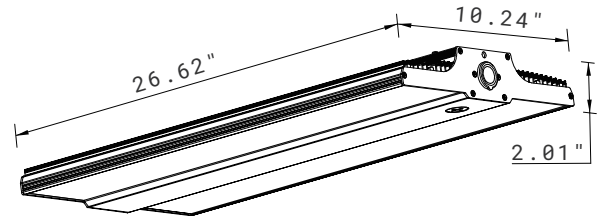


400W

L*W*H (inch)

26.62*10.24*2.01

Max. Weight: 10.58lbs/4.8kg



PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Wattage	Measured Wattage	Lumen Output	AC Input 120V	CRI	CCT	LPW
100W	100W	14000lm	0.83A	>80	5000K	140
150W	146W	20500lm	1.25A	>80	5000K	140
200W	201W	27600lm	1.67A	>80	5000K	137
240W	234W	32600lm	2.00A	>80	5000K	139
300W	292W	41000lm	2.50A	>80	5000K	140
400W	387W	54000lm	3.33A	>80	5000K	139



ORDERING INFORMATION

EXAMPLE: NLHB-300SP-SW1-G-PFL-WH

NLHB							
Series	Wattage	CCT	Voltage	Control	Distribution	Lens	Finish
NLHB	100SP Selectable 100W ¹ 150SP Selectable 150W ¹ 200SP Selectable 200W ¹ 240SP Selectable 240W ¹ 300SP Selectable 300W ¹ 400SP Selectable 400W ¹	SW Selectable 3000K 4000K ² 5000K	1 120-277V	BLANK None MS With Sensor Receptacle ³	G General	PFL Polycarbonate Frosted Lens	WH White ⁴ <i>Custom colors will ask for additional charge.⁴</i>

NOTE:

1. Power can be selected by 65%, 85% and 100%. The highest wattage is default setting.
2. 4000K is default setting.
3. Sensor need to be ordered separately. Different functions can be set by the remote controller HD05R.
4. White finish is standard. Custom color is available for a premium setup fee. Consult Customer Service for additional information.

ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)

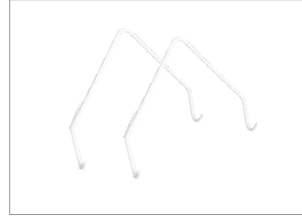
Standard



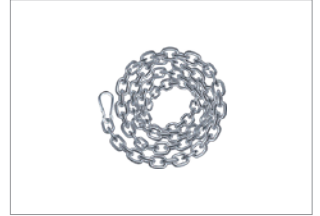
M4 Screws.



Plastic Anchors.



Hook.



Suspend Chain 4ft.



Mounting Clips.

Optional (Ordered Separately)



HD07VR-PH-1

PIR Motion Sensor for
Mounting Height of
12m/39ft Max.



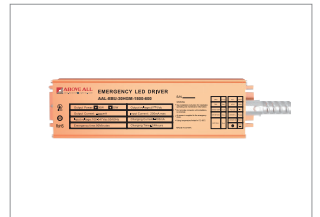
HD05R

Remote Control for Sensor.



FHUPS1-UNV-25L-SD

25W, 120-277V External
Emergency Battery
Back-up.



AAL-EBU-30GMD/R-YYY

30W, 120-347V External
Emergency Battery
Back-up.

AAL-EBU-60GMD/R-YYY

60W, 120-347V External
Emergency Battery
Back-up.

PIR DIMMING SENSOR SETTING (HD07VR-PH-1)

Sensor data can be precisely set for each specific application by a remote controller which need to be bought separately.

Detection area

Detection area can be reduced by selecting the combination on the remote controller to fit precisely each application.

Optional Setting: 100%/75%/50%/25%

Default Setting: 100%

Hold Time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Optional Setting: 5S/30S/1min/3min/5min/10min/20min/30min

Default Setting: 20min

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people.

When set to “+∞” mode, the low light is maintained until motion is detected.

Optional Setting: 0S/10S/30S/1min/5min/10min/30min/60min/+∞

Default Setting: +∞

Notes: If just need ON/OFF function, please set the stand-by period in “0S” mode by the remote controller.

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. 50lux, 30lux: twilight operation, 10lux, 5lux: darkness operation only. Note that daylight sensor is active only when lamp totally switches off.

Optional Setting: 2lux/10lux/30lux/50lux/80lux/120lux/Disable

Default Setting: Disable

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

Optional Setting: 10%/20%/30%/50%

Default Setting: 30%

WARRANTY

5 years limited warranty.

Specifications subject to change without notice.