

LED LINEAR HIGH BAY LIGHT

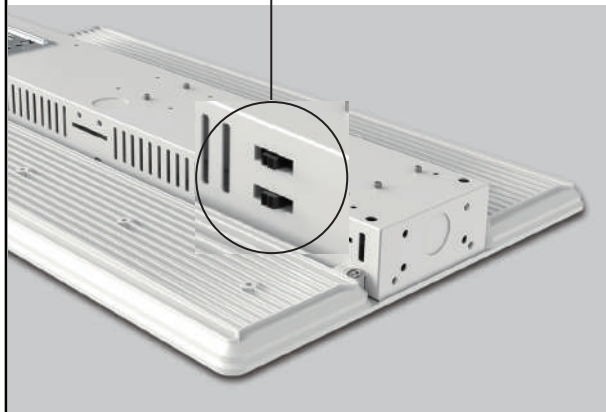
DESCRIPTION:

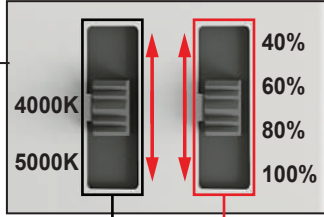
The LED Linear High Bay Light delivers high-efficiency, uniform illumination and long-lasting performance for commercial, industrial, and institutional spaces. Its compact design allows quick installation, and selectable color temperature (CCT) and wattage provide flexibility for on-site customization. Ideal for spaces that require bright, reliable, and energy-efficient lighting.

FEATURES:

- Rugged die-cast aluminum housing for durability
- Separate LED module and driver for extended life
- Color-selectable CCT (4000K / 5000K)
- Adjustable wattage for flexible lighting
- Prismatic lens for uniform illumination and low glare
- Compatible with 0-10V dimming and optional PIR or Bluetooth sensors
- Multiple mounting options: wire rope (default), surface (optional), or pendant (optional)
- UL/cUL listed and DLC qualified







CCT and Wattage Selectable:
This fixture allows on-site adjustment of both light output (lumens) and color temperature (CCT) for maximum flexibility.

CCT SELECTION

4000K 5000K

Offers Two Adjustable CCT Options

WATTAGE SELECTION

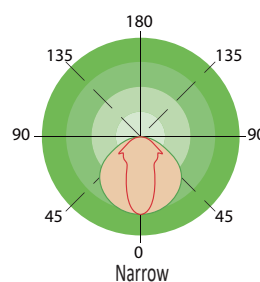
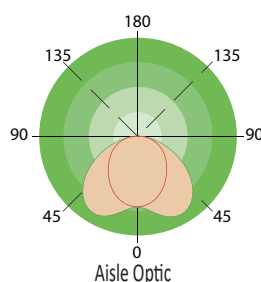
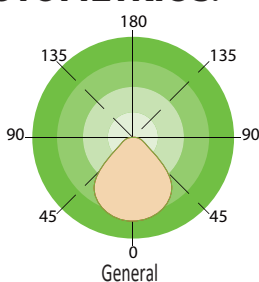
40% 60% 80% 100%

Each model supports 4-position wattage adjustment

APPLICATIONS:

- Commercial spaces
- Retail stores
- Institutional facilities
- Gymnasiums
- Factories
- Warehouses
- Large indoor facilities requiring uniform, energy-efficient lighting

PHOTOMETRICS:



TECHNICAL SPECIFICATIONS:

Input Voltage	120–277VAC / 347–480VAC
Wattage Adjustable	100%, 80%, 60%, 40%
Dimming	0-10V, 100%–10%
Power Factor (PF)	>0.90
THD	<20%
Surge Protection	6kV
Operating Temperature	-40°F to 122°F
Emergency Battery Temperature	41°F to 122°F
CCT Options	4000K / 5000K (Color Selectable)
Lumen Range	14,000–60,600 lm
Housing	Die-cast aluminum, rugged one-piece construction
LED Module	Separate from driver for extended life
Lens	Prismatic translucent, glare control
Mounting Options	Wire rope (default), surface mount, conduit pendant mount
Lifespan	50,000 hours (per IES LM-80 / TM-21)
Warranty	5-year
Certifications	UL, cUL damp location listed, DLC Qualified

PERFORMANCE DATA:

205W

SETTING	SYSTEM WATTS	4000K (80 CRI)		5000K (80 CRI)	
		LUMENS	LPW	LUMENS	LPW
100%	205W	30500lm	149lm/W	30500lm	149lm/W
80%	164W	25000lm	152lm/W	25000lm	152lm/W
60%	123W	19500lm	159lm/W	19500lm	159lm/W
40%	82W	14000lm	171lm/W	14000lm	171lm/W

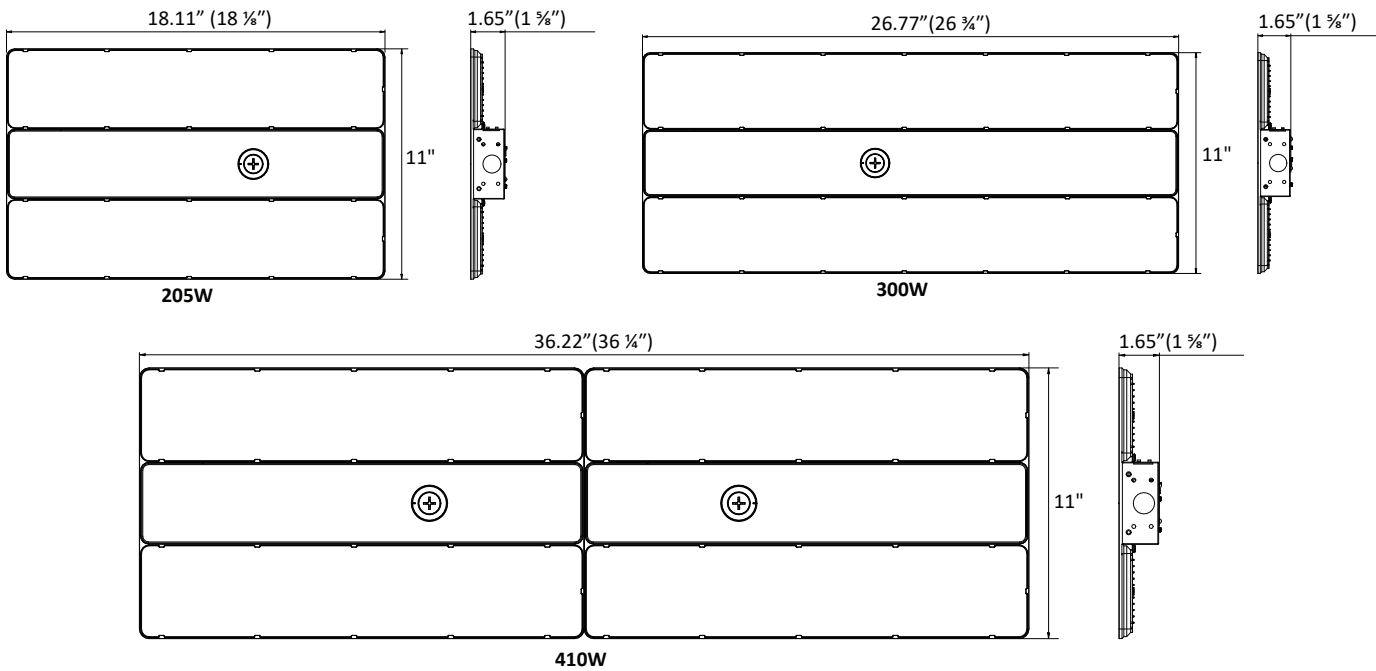
300W

SETTING	SYSTEM WATTS	4000K (80 CRI)		5000K (80 CRI)	
		LUMENS	LPW	LUMENS	LPW
100%	300W	42000lm	140lm/W	42000lm	140lm/W
80%	240W	36000lm	150lm/W	36000lm	150lm/W
60%	180W	28000lm	156lm/W	28000lm	156lm/W
40%	120W	20000lm	167lm/W	20000lm	167lm/W

410W

SETTING	SYSTEM WATTS	4000K (80 CRI)		5000K (80 CRI)	
		LUMENS	LPW	LUMENS	LPW
100%	410W	60600lm	148lm/W	60600lm	148lm/W
80%	328W	50000lm	152lm/W	50000lm	152lm/W
60%	246W	38400lm	156lm/W	38400lm	156lm/W
40%	164W	28000lm	171lm/W	28000lm	171lm/W

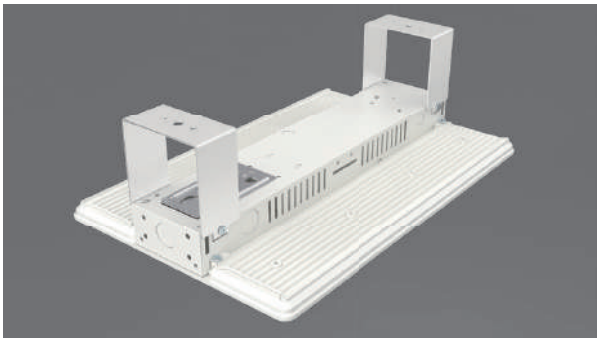
DIMENSIONS:



MOUNTING OPTIONS:



Mounting with Steel Wire Rope



Surface Mounting



Conduit Pendant Mount

ORDERING GUIDE:

SKU: NUR-LHB-205W-CCT		
Fixture	Wattage	Color Temperature
NUR-LHB (Linear HighBay)	205W 300W 410W	CCT (4000K and 5000K)

ACCESSORIES (SOLD SEPARATELY):

EMERGENCY LED DRIVER:

The Emergency LED Driver provides reliable backup illumination for LED Linear High Bay fixtures during power outages. Built with LiFePO₄ battery technology, it delivers constant output power for up to 90 minutes in emergency mode, ensuring safety and visibility. Designed for seamless integration with Linear High Bay fixtures, the driver includes an LED charge indicator and test switch for convenient testing and maintenance.

SKU: NUR-LHB-EM-BATTERY-205W/410W



U SHAPE MOUNTING BRACKETS:

Heavy-duty brackets designed for secure and stable mounting of linear high bay fixtures. Allow flexible installation on ceilings or structures where wire rope or pendant mounting is not preferred.

SKU: NUR-LHB-MNT



J-BOX:

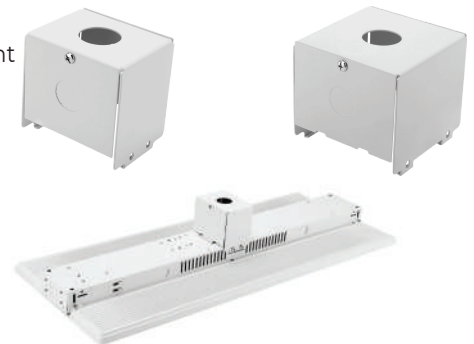
Durable junction box accessory for safe and reliable wiring. Provides a clean connection point for conduit installations and supports a professional, code-compliant finish.

SKU: NUR-LHB-300W-MNT-JBOX

NUR-LHB-410W-MNT-JBOX

205W/300W

410W



INSTALLATION GUIDE

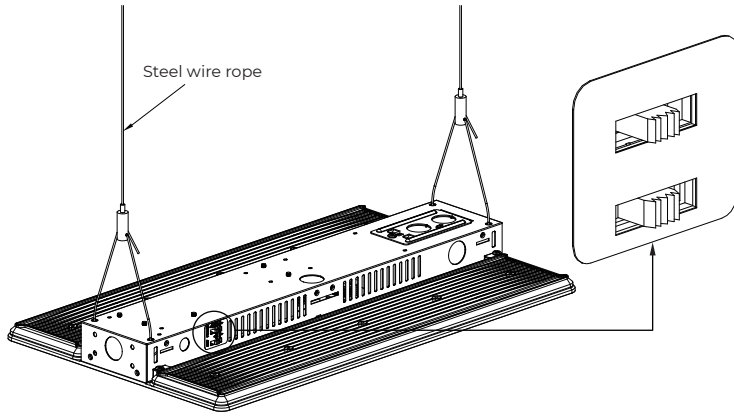
WARNINGS & SAFETY:

- Read and follow all installation instructions carefully.
1. Turn power off before inspection, installation, or removal.
 2. Installation must be performed by a qualified electrician or lighting technician.
 3. Disconnect all power and allow fixture to cool before maintenance or removal.
 4. Do not touch the fixture while energized.
 5. If the fixture malfunctions, turn off power. Do not attempt repair unless you are qualified or authorized by customer service.
 6. Not suitable for environments with corrosive gases, liquids, or high-pressure water vapor.

MOUNTING OPTIONS:

STEEL ROPE MOUNTING (DEFAULT):

1. Insert the anti-stripping piece of the steel rope into the fixture's installation hole.
2. Connect supply wires according to the wiring diagram (verify line voltage matches fixture rating).
3. Push wires into housing carefully, ensuring no pinching. Secure flex conduit to access plate.
4. (Optional) Set wattage and CCT using the DIP switches as required.

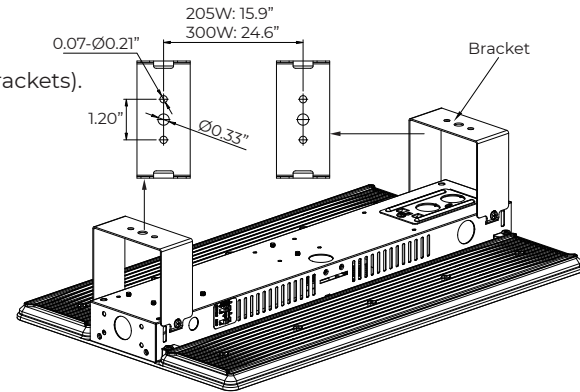


CCT	POWER
4000K	82W 120W 164W
5000K	123W 180W 246W
	164W 240W 328W
	205W 300W 410W

Refer to the specific model for available wattage adjustment ranges.

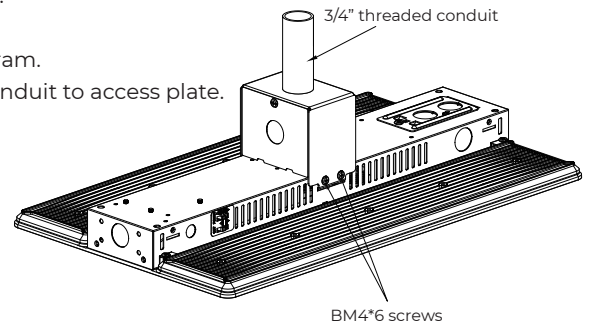
SURFACE MOUNTING (OPTIONAL):

1. Secure the surface mount brackets with screws (ensure proper spacing between brackets).
2. Connect supply wires according to the wiring diagram.
3. Push wires into housing carefully. Secure flex conduit to access plate.
4. Mount the fixture to the surface brackets with screws.



CONDUIT PENDANT MOUNT (OPTIONAL):

1. Attach pendant junction box to 3/4" threaded conduit (by others) using locknuts.
2. Snap fixture housing into bracket, level, and secure with 4 pcs BM4*6 screws.
3. Pull supply wires through side knockout and conduit. Connect wiring per diagram.
4. Secure conduit to side panel. Push wires back into housing carefully. Secure conduit to access plate.



WIRING DIAGRAM:

For dimming version, refer to the wiring diagram provided.

WITHOUT EMERGENCY BATTERY

LED FIXTURES	Black	Line
	White	Neutral
	Green/Yellow Green	Ground

WITH EMERGENCY BATTERY

LED FIXTURES	Red	AC line(24/7)
	Black	AC line switch
	White	Neutral
	Green/Yellow Green	Ground

CLEANING & MAINTENANCE:

- Ensure the fixture is cool before cleaning.
- Do not clean or maintain while the fixture is energized.

TROUBLESHOOTING:

- Verify the line voltage at the fixture matches the rating.
- Ensure proper grounding of the fixture.