



**TRACE LITE**  
commercial & industrial lighting

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# NSF CERTIFIED LED LINEAR HIGHBAY

High temperature operation up to 65°C (149°F).

Multiple lumen packages from 14,600 to 49,000 lumens.

Field switchable CCT & power.

NSF Certified, IP69K Rated, NEMA 4X Rated.

DLC® PREMIUM Qualified, up to 170 LPW.

Built-in receptacle for plug and play LiteLogic sensors.

Battery backup options available.



# NHBL Series

## NSF CERTIFIED LED LINEAR HIGHBAY

Designed with a durable die-cast aluminum housing with an impact-resistant IK10 rated polycarbonate lens and a high operating temperature up to 65°C (149°F), this highbay is built to last. There are three power switchable configurations available, offering flexibility between 14,600 - 25,000 lumens (150W), 32,100-42,050 lumens (255W) and 33,600 - 49,000 lumens (300W), and CCT options between 3500K, 4000K, and 5000K. The easily accessible switches allow for quick adjustments, maximizing performance with an outstanding efficacy of up to 170 lumens per watt. Tested for the harshest conditions, the NHBL is cULus Listed for Wet Locations, NEMA 4X rated, NSF certified, and IP69K rated, making it ideal for food processing, industrial, and outdoor environments.

## FEATURES & BENEFITS

- CCT Switchable between 3500K, 4000K and 5000K
- Power Switchable:
  - 150W (14,600 – 25,000 lumens)
  - 255W (32,100 - 42,050 lumens)
  - 300W (33,600 – 49,000 lumens)
- Switches easily accessible on top of fixture under coin plug cover
- Efficacy up to 170lm/w
- Robust die-cast aluminum housing in a white finish
- IK10 rated Polycarbonate lens
- IK07 rated glass lens option available
- Built in receptacle on the front panel for easy plug and play sensor installation
- 6' Three conductor whip for building power supply
- 6' Four conductor whip for 0-10V dimming wires and emergency input
- Comes standard with 6' aircraft mounting cable
- Universal 120-347VAC, 50/60Hz, 277-480VAC option available
- Power Factor > 0.90
- 0-10V Dimming driver
- Built-in drive surge protection L/N-PE: 6kV, L-N: 6kV
- Can be surface or stem/pendant mounted with surface mount kits
- cULus Listed for Wet Locations, NEMA 4X Rated, IP69K Rated
- NSF Certified for food equipment, rated for Food Zone, Splash Zone and Non Food Zone
- DesignLights Consortium® (DLC) PREMIUM Qualified (consult QPL for qualified models)

## ORDERING INFORMATION (Example: NHBL-150-VS-CP-P-WH)

| Series               | Description   |
|----------------------|---|
| NHBL-150-VS-CP-P-WH  | NSF Linear LED Highbay, Power Switchable 90W/130W/150W, Color Switchable 3500K/4000K/5000K CCT, 120-347VAC, 0-10V Dimming, Polycarbonate Lens, AUX Sensor Receptacle, White Finish  |
| NHBL-150-HVS-CP-P-WH | NSF Linear LED Highbay, Power Switchable 90W/130W/150W, Color Switchable 3500K/4000K/5000K CCT, 277-480VAC, 0-10V Dimming, Polycarbonate Lens, AUX Sensor Receptacle, White Finish  |
| NHBL-255-HVS-CP-P-WH | NSF Linear LED Highbay, Power Switchable 200W/220W/255W, Color Switchable 3500K/4000K/5000K CCT, 277-480VAC, 0-10V Dimming, Polycarbonate Lens, AUX Sensor Receptacle, White Finish |
| NHBL-300-VS-CP-P-WH  | NSF Linear LED Highbay, Power Switchable 210W/270W/300W, Color Switchable 3500K/4000K/5000K CCT, 120-347VAC, 0-10V Dimming, Polycarbonate Lens, AUX Sensor Receptacle, White Finish |

### LiteLogic Sensor Accessories<sup>1</sup> (Field Installed, Order as Separate Line Item)

LE-MS3-AUX-HB1<sup>2</sup> = Bluetooth Enabled Dimming Occupancy Sensor, PIR  
TL-MSP12<sup>3</sup> = Dimming Occupancy Sensor, PIR  
TL-MSSW-REMOTE = Remote for Dimming Sensor Accessory (TL-MSP12)

### Accessories<sup>1</sup> (Field Installed, Order as Separate Line Item)

NHBL-BB<sup>2,4</sup> = 25W Battery Backup Kit  
NHBL-GLSM<sup>3</sup> = Glass Lens Kit for NHBL-150  
NHBL-GLLG<sup>3</sup> = Glass Lens Kit for NHBL-255 & NHBL-300  
NHBL-SMK-SM<sup>5</sup> = Surface Mount Kit for NHBL-150  
NHBL-SMK-LG<sup>5</sup> = Surface Mount Kit for NHBL-255 & NHBL-300  
NHBL-CTY10<sup>5</sup> = 10' Adjustable Cable Mount Kit w/Integral Y-toggles (Pack of 2)

### Notes

- <sup>1</sup> Order as separate line item  
<sup>2</sup> Unit rating is IP65 with use of sensors or battery backup  
<sup>3</sup> Consult factory for factory installed option and lead times  
<sup>4</sup> Only for use with 120-347VAC power sources, including VS configurations and HVS configurations using 277-347VAC power  
<sup>5</sup> Unit is not NSF rated with this accessory installed, if NSF rating is required, use included 6' mounting cable



## SPECS AT A GLANCE

| Model          | NHBL-150  | NHBL-255                  | NHBL-300                  |
|----------------|---|---------------------------|---------------------------|
| Length         | 1.4'  | 2'                        | 2'                        |
| Wattage (W)*   | 90W-130W-150W Switchable  | 200W-220W-255W Switchable | 210W-270W-300W Switchable |
| Lumens (lm)    | 14,600 - 25,000   | 32,100 - 42,050           | 33,600 - 49,000           |
| Efficacy (LPW) | Up to 170   |                           |                           |
| CCT (K)        | 3500K-4000K-5000K Switchable  |                           |                           |
| CRI            | ≥80   |                           |                           |
| Input Voltage  | 120-347VAC, 50/60Hz, 277-480VAC, 50/60Hz                                | 277-480VAC, 50/60Hz       | 120-347VAC, 50/60Hz       |
| Operating Temp | -40°C to 65°C (-40°F to 149°F)  |                           |                           |
| Certifications | cULus Listed for Wet Locations, IP69K, NSF, NEMA4X, IK10<br>DLC PREMIUM |                           |                           |
| Warranty       | 5 Years   |                           |                           |

\* Nominal Wattage. Tested at 3500K CCT. Efficacy at 158lm/W.

Note: Environment and application will affect performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

