



TRACE LITE
commercial & industrial lighting

barrontg.com

NSF CERTIFIED LED LINEAR HIGHBAY

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

Field switchable CCT & power.

NSF Certified, IP69K Rated, NEMA 4X Rated.

High temperature operation up to 65°C.

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 and a high impact-resistant IK10 rated polycarbonate lens, this highbay is built to last. There are three power switchable configurations available, offering flexibility between 14,600 - 25,000 lumens (150W), 30,400-40,000 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 (30,400 - 40,000 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 the use of the surface mount kits
- cULus Listed for Wet Locations
- NEMA 4X Rated
- NSF Certified for food equipment, rated for Food Zone, Splash Zone and Non Food Zone
- IP69K Rated
- DesignLights Consortium® (DLC) PREMIUM Qualified (consult QPL for qualified models)

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	30,000 - 40,000	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	277-480VAC	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 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.



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

Series	Size/Wattage	Voltage	CCT	Lens	Finish
NHBL	150 = 90W-130W-100W 255 ¹ = 200W-220W-255W 300 ² = 210W-270W-300W	VS = 120-347V HVS ³ = 277-480V	CP = CCT & Power Switchable (3500K-4000K-5000K)	P = Polycarbonate Lens	WH = White

LiteLogic Sensor Accessories ⁴ (Field Installed, Order as Separate Line Item)	Accessories ⁴ (Field Installed, Order as Separate Line Item)
LE-MS3-AUX-HB1 ⁶ = Bluetooth Enabled Dimming Occupancy Sensor, PIR	NHBL-BB ⁶ = 25W Battery Backup Kit
TL-MSP12 ⁵ = Dimming Occupancy Sensor, PIR	NHBL-GLSM ⁵ = Glass Lens Kit for NHBL-150
TL-MSSW-REMOTE = Remote for Dimming Sensor Accessory (TL-MSP12)	NHBL-GLLG ⁵ = Glass Lens Kit for NHBL-255 & NHBL-300
	NHBL-SMK-SM = Surface Mount Kit for NHBL-150
	NHBL-SMK-LG = Surface Mount Kit for NHBL-255 & NHBL-300
	NHBL-CTY10 = 10' Adjustable Cable Mount Kit w/Integral Y-toggles (Pack of 2)

- Notes**
- ¹ Only available with HVS option (consult factory for more information and lead times)
 - ² Only available with VS option
 - ³ Consult factory for more information and lead times
 - ⁴ Order as separate line item
 - ⁵ Consult factory for factory installed option and lead times
 - ⁶ Unit rating is IP65 with use of sensors or battery backup

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

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