

HBN

NSF Rated LED High-Bay

NICOR[®]



HBN

Durability & Protection

Single-piece, die-cast aluminum body with gasketed lens and powder coated finish



Rated to withstand extreme temperatures from -40°C to 65°C (-40°F to 149°F)



IP69K Rated - Provides resistance against high-pressure and extreme temperatures



IK10 Rated impact protection when paired with Polycarbonate lens



NSF Certified Food Zone, Splash Zone, and Non-Food Zone to meet strict safety and sanitation requirements

Energy Savings & Smart Control

Integrates seamlessly with advanced lighting controls for enhanced energy efficiency

HBN Series

Introducing the new HBN Series NSF Rated LED High-Bay, designed for optimal performance in commercial and industrial environments. This fixture combines energy efficiency with robust construction, making it ideal for warehouses, food processing facilities, and manufacturing plants. With NSF certification, it ensures compliance with stringent safety and sanitation standards, perfect for food and beverage processing areas. Featuring an IP69K rating, it offers exceptional protection against dust and high-pressure, high temperature water jets, making it suitable for even the most demanding environments. Equipped with selectable wattage and color temperature (CCT), you can easily customize the lighting to suit your specific needs, providing flexibility and efficiency. Its durable design withstands harsh conditions, ensuring longevity and reliability, while versatile mounting options allow for easy adaptation to various ceiling heights and layouts. The user-friendly design facilitates quick installation with minimal downtime, and it is compatible with smart controls for enhanced energy savings and control.

Elevate your facility's lighting with our NSF Rated LED High-Bay, where performance meets compliance and efficiency, creating a safe and productive environment.

Easy Installation

Pre-installed mounting rings for easy hanging installation. Mounting chains/hook included.

Surface Mount

Mount with the optional surface-mount bracket for up to 60° rotation in each direction.

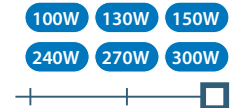
Selectable

Selectable wattage & CCT enable easy customization for optimal performance and efficiency

Selectable CCT



Selectable Wattage



Performance Data

150W - Universal Voltage

Model #	CCT	Lumens	Watts	LPW
HBN1150SUSA8	3500	16495	101.4	162.7
	4000	16894	97.2	173.8
	5000	16260	96.0	169.4
	3500	21342	131.2	162.7
	4000	21859	125.9	173.7
	5000	21039	124.9	168.4
	3500	24384	149.9	162.7
	4000	24974	143.4	174.1
	5000	24038	143.9	167.0

300W - Universal Voltage

Model #	CCT	Lumens	Watts	LPW
HBN1300SUSA8	3500	39835	242	164.9
	4000	40718	232	175.7
	5000	39735	239	166.5
	3500	43693	270	161.8
	4000	45026	259	173.8
	5000	43887	268	163.7
	3500	47854	302	158.6
	4000	49609	289	171.8
	5000	48745	303	161.1



With PC Lens

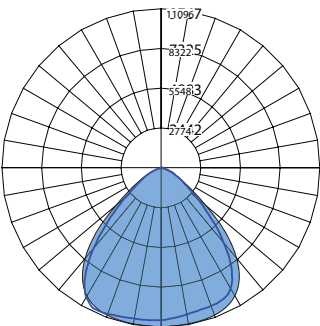


Applications: Food processing facilities, food storage facilities, warehouses, and manufacturing plants.

Photometric Data

HBN 150W 5000K

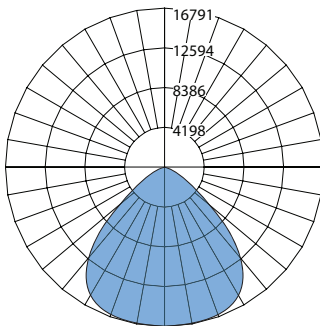
Input Voltage (VAC)	120-347V
System Level Power (W)	143.9
Delivered Lumens (Lm)	24037
System Efficacy (Lm/W)	167.0
Correlated Color Temp (K)	5052
Color Rendering Index (CRI)	83
Beam Angle (0°)	87.5°
Beam Angle (90°)	87.6°
Spacing Criteria (0)	1.34
Spacing Criteria (90)	1.30



150W

HBN 300W 3500K

Input Voltage (VAC)	120-347V
System Level Power (W)	302.1
Delivered Lumens (Lm)	47854
System Efficacy (Lm/W)	158.4
Correlated Color Temp (K)	3423
Color Rendering Index (CRI)	84
Beam Angle (0°)	87.1°
Beam Angle (90°)	88.2°
Spacing Criteria (0)	1.24
Spacing Criteria (90)	1.18



300W

Ordering Information

Example: HBN1150SUSA8

Series	Version	Wattage Selectable	Input Voltage	CCT Selectable	Lens Type	CRI
HBN	1	150S (100W/130W/150W)	U (120-347VAC)	S (3500K/4000K/5000K)	A (Polycarbonate) ¹	8 (80+ CRI)
		300S (240W/270W/300W)			B (Glass) ²	

Specifications and dimensions subject to change without notice.

1. Achieves IK10 rating with polycarbonate lens only.

2. Achieves IK06 rating with glass lens only.

Accessories



PIR Sensor



Microwave Sensor



NLC Bluetooth Controls



H12V2-Remote



Voltage Transformer



Wireguard



Emergency Backup



Warehouse Locations

Albuquerque, NM
Buford, GA
Roseville, CA

T 800.821.6283

F 800.892.8393

www.nicorlighting.com

2200 Midtown Pl. NE
Albuquerque, NM 87107 USA



LIT-HBN-10K
20241227

© 2024 NICOR® • ALL RIGHTS RESERVED

NICOR®