NICOR® LED

LED High Bay
HBC3

Even More Efficiency in the Easy to Install Compact Form

Discover how HBC3 can Improve Efficiency

The HBC3 LED Low Bay/High Bay is a high performance fixture perfect for replacing 250W and 400W metal halide luminaires at an affordable price. This high bay fixture supplies an output greater than 150 lumens per watt and excellent color rendering at >80CRI. The die cast aluminum heatsink design allows for a lightweight unit. Improved reflector installation with only three keyholes. With consistent even light distribution this fixture is perfect for environments such as grocery stores, gymnasiums, hangers, industrial, retail, and warehouse spaces.

HBC3
Product Features

White option Available

Flat Optic Lens

Flat Optic is available in 60° & 90° great for low clearance areas

Tempered Glass Lens

Fixture comes standard with clear lens and has optional reflectors and optics available

Hassle-Free Mounting

Mounting hook with locking bolt allows for rapid installation

Driver & LEDs

Providing long-lasting, efficient performance with uniform color and smooth distribution

Reflectors

Shown with a frosted reflector that reduces glare and creates a 70° beam angle.

Fixture shown with polycarbonate reflector. Aluminum reflectors available.

Choose your High/Low Bay Lighting

1
Wattages & Colors

High voltage available

Black White

100W
Great for 20ft ceilings
HBC3100SUNV#0K8

150W
Ideal for 30ft ceilings
HBC3150SUNV#0K8

200W
Handles even the highest bays
with 40ft ceilings
HBC3200SUNV#0K8

*replace "UNV" with "HV" for High Voltage
and add WH for White option*

2
Reflectors, Wire Guards, & Optics

Reflectors

OR   OR

60° Aluminum Reflector
60° Aluminum Reflector with
easy three keyhole installation
at 60° beam angle
HBC3RFLAL60

90° Aluminum Reflector
Even greater luminosity
than 60° with easy, three
keyhole installation
HBC3RFLAL90

70° Polycarbonate
An inexpensive alternative
for even illumination
HBC3RFLPC70

Glare Shield & Wire Guard

Glare Shield
Minimizing glare while
providing additional protection
and visual comfort
HBC3GSAL (for Alum. Reflectors)
HBC-20-GS-PC (for Polycarb. Reflector)

Wire Guard
Providing additional safety
HBC3WGAL60 (for 60° Alum. Reflector)
HBC3WGAL90 (for 90° Alum. Reflector)
*HBC3WGPC (for Polycarb. Reflector
comes with connector)*
HBC3WG (no reflector needed)

Optics

OR

60° Flat Optic
Providing a narrower beam
HBC3OPTIC60

90° Flat Optic
Providing a wider beam
HBC3OPTIC90

3
Mounting Accessories

Pendant Mount Kit
For durable pendant mounting with included junction box
HBC3PENDANTKIT

Black
White

Pendant Mount Adapter
For durable and economical pendant mounting
HBC3PENDANTADAPT

Black
White

U-Bracket
For surface mounting with adjustable mounting angle
HBC3BRACKET

Black
White

*Add WH for White option ex: HBC3PENDANTKITWH

4
More Accessories

Microwave Motion Sensor (IP65)
Facilitate greater energy savings by offering stand-by dimming during vacancy at 50, 30, 20 and 10 percent light output.
Remote control functionality available.
HBC-MWOSR

Black   White

Motion Sensor Kit
Includes junction box, and junction box hardware for your convenience.
HBC3MSJBOXKIT
To order in white use part number HBC3MSJBOXKITWH, *fixture not included, color depicts hardware color

MWOS-REMOTE
Remote control for sensor. Expands sensor setting selection and allows setting changes from the floor.
MWOS-REMOTE

Build the perfect solution for your project!

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
HBC3100SUNV40K8	14192		140.5
HBC3100SUNV50K8	14852		151.0
HBC3100SHV40K8	14078	100	143.0
HBC3100SHV50K8	14733		150.0
HBC3150SUNV40K8	21734		143.2
HBC3150SUNV50K8	23094		150.8
HBC3150SHV40K8	21560	150	140.5
HBC3150SHV50K8	22909		151.0
HBC3200SUNV40K8	28787		143.0
HBC3200SUNV50K8	30302		150.0
HBC3200SHV40K8	28557	200	143.2
HBC3200SHV50K8	30060		150.8

Recommended Dimmers*

Lutron NTSTV

Lutron DVSTV

Cooper SF10P

Legrand RH4FBL3PW

Not a complete list. Check compatibility before installation.

Ordering Information

Example: HBC3200SUNV50K8

Series	Version	Wattage	Voltage	CCT's	CRI	Finish	Optic	Motion Sensor
HBC	**3**	**100S** (100W - 14500lm)	**UNV** (120-277)	**40K** (4000 K)	**8** (80+)	**Blank** (Black)	__ (120°)	__ (none)
		150S (153W - 23000lm)	**HV** (347-480)[1]	**50K** (5000 K)		**WH** (White)	**60D** (60°)	**R** (Microwave Sensor)[3,4]
		200S (201W - 30000lm)				**CC** (Custom Color)[2]	**90D** (90°)	**WH** (White)

Specifications and dimensions subject to change without notice. 1) HV option not available with 'R' Microwave Sensor Kit 2) Custom Color requires MOQ 3) Microwave sensor option includes sensor, junction box, and all associated hardware pre-installed. 4) Microwave sensor not compatible when using glare shields: HBC3GSAL and HBC-20-GS-PC

Optic Accessories

60° Aluminum Reflector	HBC3RFLAL60
90° Aluminum Reflector	HBC3RFLAL90
Glare Shield for Aluminum Reflectors	HBC3GSAL
Wire Guard for 60° Aluminum Reflector	HBC3WGAL60
Wire Guard for 90° Aluminum Reflector	HBC3WGAL90
70° Polycarbonate Reflector	HBC3RFLPC70
Glare Shield for Polycarbonate Reflector	HBC-20-GS-PC
Wire guard for Polycarbonate Reflector	HBC3WGPC
Wire Guard for fixture (no reflector)	HBC3WG

Mounting Accessories

Pendant Mount Kit - Black	HBC3PENDANTKIT
Pendant Mount Kit - White	HBC3PENDANTKITWH
Pendant Adapter (3/4" NPT) - Black	HBC3PENDANTADAPT
Pendant Adapter (3/4" NPT) - White	HBC3PENDANTADAPTWH
U-Bracket - Black	HBC3BRACKET
U-Bracket - White	HBC3BRACKETWH
Safety Cable (3')	HBC3SAFETYCABLE3

Motion Sensor Accessories

Remote Control for 'R' Sensor Option	MWOS-REMOTE

Emergency Accessories

Emergency Battery Pack[5]	HBC3EM
40W Emergency Remote Control	EMB4001REMOTE

5) Emergency not available on HV fixtures

Replacement Parts

60° Flat Optic	HBC3OPTIC60
60° Flat Optic	HBC3OPTIC90

HBC3
Product Information

Construction
- Ultra slim construction with fully integrated driver
- Vented aluminum heatsink provides superior cooling while reducing fixture weight

Optical System
- High efficiency LEDs with tempered glass protective cover
- CCT of 4000K or 5000K with >80 CRI
- 120° No Reflector for overall general illumination
- 70° Polycarbonate Reflector
- 60° & 90° Aluminum Reflector
- 60° & 90° Flat Optic
- Polycarbonate glare shields to minimize glare

Electrical
- Integrated high-efficiency slimline driver
- RoHS Compliant
- 120-277VAC Standard
- Power factor: >0.9
- THD < 20%
- 4kV Surge Suppression
- Dimming: 0-10V standard
- 6ft power cord and 3ft control (dimming) cord standard
- TM-21 Reported L70(10k) hours >72,000

Finish
- Black, white, or custom powder coated heatsink for optimal heat management
- Accessory color matched to fixture color

Mounting and Installation
- Includes hook with locking bolt for simple, secure mounting
- Pendant Mount Kit available
- 3/4" NPT Pendant Adapter available
- U-Bracket accessory available
- Wire guards available to fit with or without reflectors
- Safety cable available

Warranty
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel
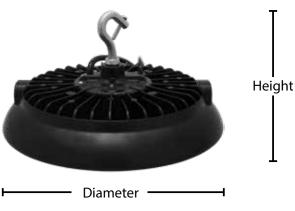

Height

Diameter

Height

	HBC3100SUNV	HBC3150SUNV	HBC3200SUNV
Fixture Height	3.0 in (76mm)		
Fixture Height w/ hook	6.0 in (152mm)		
Fixture Diameter	10.8 in (275mm)		

	HBC3100SUNV	HBC3150SUNV	HBC3200SUNV
Fixture Height	6.5 in (165mm)		
Fixture Height w/ hook	9.0 in (229mm)		
Fixture Diameter	10.8 in (275mm)		

c(UL)us LISTED   DLC LISTED PREMIUM *   WET LOCATION RATED   IP65   5 YEAR WARRANTY

* For Standard Model Only

Warehouse Locations

Albuquerque, NM	Indianapolis, IN
Atlanta, GA	Lombard, IL
Detroit, MI	Miami, FL
Folcroft, PA	Syracuse, NY
Houston TX	Van Nuys, CA

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LIT-HBC3-10PK
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