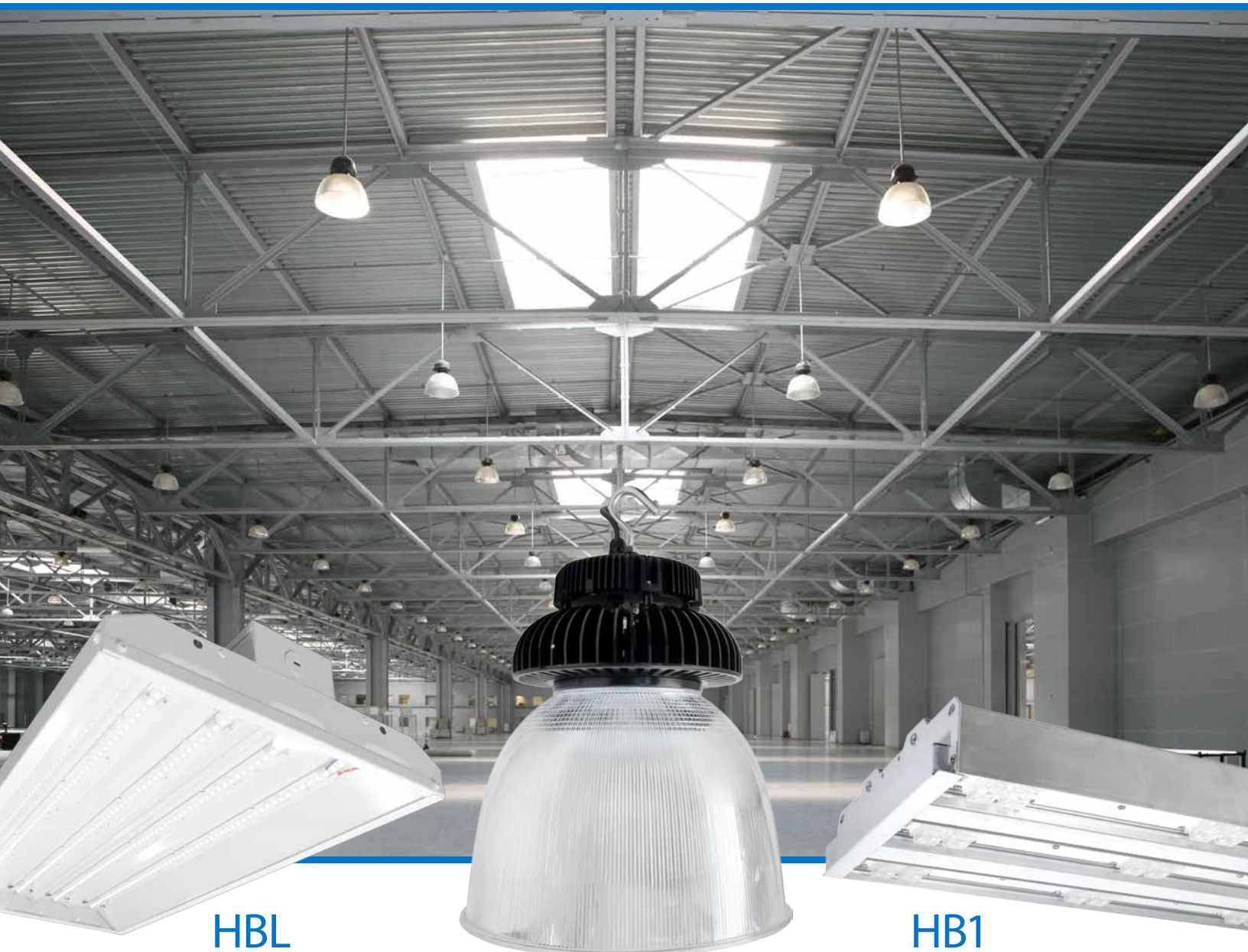


## Industrial and Commercial Series

LED Low / High Bays



HBL

HBC

HB1

Improve Efficiency. Increase Productivity. **Save Energy.**

## Additional Accessories



### Reflector Options

The HBC reflector options allow the end-user to customize the light distribution.



### Glare Shields

Improves overall visibility and the ability to see details while eliminating shadows and hot spots



### Motion Sensor

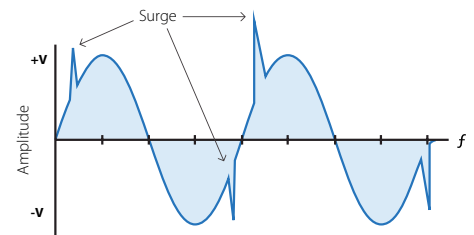
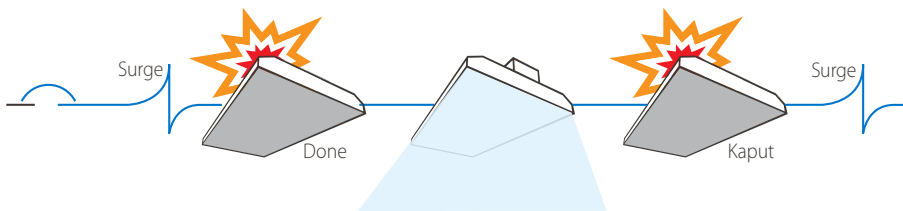
Offering stand-by dimming during vacancy at 50, 30, 20 or 10 percent light output, this sensor facilitates greater energy savings.

## Built to Withstand Industrial Environments

### AN IMPORTANT NOTE ON SURGE PROTECTION

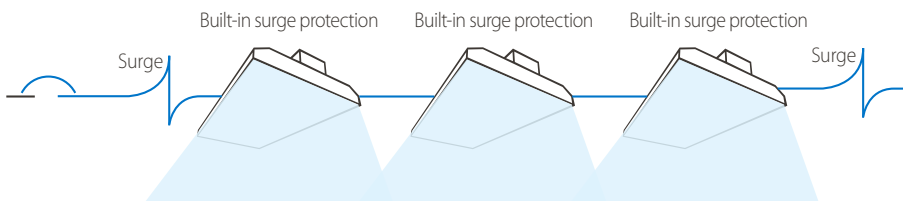
#### Unprotected High Bay Fixtures

Many other fixtures may have inferior surge protection



#### NICOR® HBL & HB1

10kA surge protection is a standard feature



#### Some Causes of Electric Surge

- Start / stop of heavy loads
- Motor operation
- Use of high-power tools
- Refrigeration
- Elevator operation
- Arc furnaces
- Badly regulated transformers
- Lightning strikes
- Poor grounding in facility
- "Dirty" power

**10kA surge protection included.**  
**Protect your fixtures.**  
**Protect your budget.**



# HB1

## Modular LED High Bay

The **HB1 Modular High Bay** delivers a flexible solution for any commercial or industrial application, with its customizable LED light bar system and various precision lens optics packages. The modular advantage of this high performing fixture is the design flexibility of directing light exactly where you need it. The HB1 Modular LED High Bay handles mounting heights up to 80 feet and easily operates in a variety of applications, such as warehouses, manufacturing facilities, gymnasiums, arenas, sports complexes, showrooms, garages, hangars, and storage areas, making it an ideal choice.



### Mounting Options

The HB1 comes with a Gripple® cable hanger kit or an optional pendant mounting kit.

### LED Light Bar

Customizable lumen package to fit any design space (2, 3, 4 or 6 bar configurations)

### Customizable Optics

Multiple beam angles allow for tight or extra wide beam spread (31°, 52°, 72° or 121°)

### Surge Protection

Built-in 10kA surge protection standard





# At a glance High/Low Bay comparison

HBL | HBC | HB1



HBL Series



HBC Series



HB1 Series

**Diffuser/Reflector Options**

Clear | Frosted

Aluminum | Polycarbonate  
optional glare shield

Customizable Optics

**Battery Back-Up**



**Motion Sensor**



**Lumen Options**

13,000Lm - 38,000Lm

13,000Lm - 32,000Lm

14,000Lm - 43,000Lm

**CCT Options**

40K 50K

40K 50K

40K 50K

**Surge Protection Included**



1.2kV / 10kA



4kV / 2kA



1.2kV / 10kA

**Watts**

100W - 324W

100W - 240W

141W - 429W

**Lumens Per Watt**

129 Lm/W

134 Lm/W

104 Lm/W

**Mounting Height**

15ft - 75ft

15ft - 45ft

10ft - 80ft

**Projected Lifetime**

>70,000 hrs

>111,000 hrs

>100,000 hrs

**Dimming**

0-10 VDC

0-10 VDC

0-10 VDC

**Warranty**

5 Years

5 Years

5 Years

**Certifications**



Full Product details can be found at: [nicorlighting.com](http://nicorlighting.com)

## HBL ORDERING INFORMATION

Example: HBL-10-150W-HV-50K-DMF

Series	Version	Power Category	Voltage	CCT's	Lens	Motion Sensor (Factory Install)	Emergency	Wiring Options	Plug Options <sup>1</sup>
HBL	10 (1.0)	100W	UNV (120-277V)	40K (4000K)	(Blank) Clear	(Blank) No Motion Sensor	(Blank) No Emergency Backup	(Blank) No Cord	(Blank) No Plug
		150W	HV (347-480V)	50K (5000K)	D Diffused	M PIR Sensor	E Emergency Backup	C <sup>6</sup> Cord	1 (515P) 15 amp 120V Straight Blade Plug
		200W				W Microwave Sensor		F Flexible Metal Conduit	2 (L515P) 15 amp 120V Twist Lock Plug
		320W							3 (L615P) 15 amp 240V Twist Lock Plug

### Additional Accessories

#### Wireguard

HBL-10-100-WG	Wireguard for 100W HBL (23" x 12")
HBL-10-150-WG	Wireguard for 150W HBL (23" x 17")
HBL-10-200-WG	Wireguard for 200W HBL (46" x 12")
HBL-10-320-WG	Wireguard for 320W HBL (46" x 17")

#### Pendant Kit

HBL-10-PENDANT	Pendant kit for HBL
----------------	---------------------

#### Frosted Diffuser

HBL-10-100-FROS-DIFU	HBL 100W Frosted Diffuser
HBL-10-150-FROS-DIFU	HBL 150W Frosted Diffuser
HBL-10-200-FROS-DIFU	HBL 200W Frosted Diffuser
HBL-10-320-FROS-DIFU	HBL 320W Frosted Diffuser



4 (L720P) 20 amp 277V Twist Lock Plug
5 (L2420P) 20 amp 347V Twist Lock Plug
6 (L820P) 20 amp 480V Twist Lock Plug
7 (L715P) 15 amp 277V Twist Lock Plug

## HBC ORDERING INFORMATION

Example: HBC-10-150W-UNV-50K-PC704

Series	Version	Power Category	Voltage	CCT's	Reflector	Plug Options
HBC	10 (1.0)	100W	UNV (120-277V)	40K (4000K)	Basic (No Reflector, Leave Blank)	(Blank) No Plug
		150W		50K (5000K)	PC70 (70° Polycarbonate Reflector)	1 (515P) 15 amp 120V Straight Blade Plug
		240W <sup>2</sup>			AL90 (90° Aluminum Reflector)	2 (L515P) 15 amp 120V Twist Lock Plug
					AL60 (60° Aluminum Reflector)	3 (L615P) 15 amp 240V Twist Lock Plug

### Additional Accessories

#### Motion Sensor

HBC-MWOS	Field install microwave motion sensor
HBC-MWOS-BASIC	Field install microwave motion sensor for use with HBC Basic only

#### Glare Shield

HBC-10-GS-PC	Glare Shield for Polycarbonate Reflector
HBC-10-GS-AL	Glare Shield for Aluminum Reflector

#### Reflectors

HBC-10-RFL-PC-70	70° Polycarbonate Reflector
HBC-10-RFL-AL-60	60° Aluminum Reflector
HBC-10-RFL-AL-90	90° Aluminum Reflector



4 (L720P) 20 amp 277V Twist Lock Plug
7 (L715P) 15 amp 277V Twist Lock Plug

## HB1 ORDERING INFORMATION

Example: HB1-3B-UNV-50K-WW-DMPC

Series	# of Bars	Voltage	CCT's	Optics (° FWHM)	Dimming	Motion Sensor (Factory Install)	Pendant	Emergency	Cord	Plug Options <sup>1</sup>
HB1	2B (2-Bar)	UNV (120-277)	40K <sup>4</sup> (4000K)	M (32)	(Blank) No Dimming	(Blank) No Motion Sensor	(Blank) No Pendant Kit	(Blank) No Emergency Backup	(Blank) No Cord	(Blank) No Plug
	3B (3-Bar)	HV <sup>3</sup> (347-480)	50K <sup>4</sup> (5000K)	W (54)	D <sup>5</sup> Dimmable	M Motion Sensor	P Pendant Kit	E Emergency Backup	C <sup>6</sup> Cord	1 (515P) 15 amp 120V Straight Blade Plug
	4B (4-Bar)			WW (62)						2 (L515P) 15 amp 120V Twist Lock Plug
	6B (6-Bar)				UW (121)					3 (L615P) 15 amp 240V Twist Lock Plug

### Questions? Contact NICOR for info & pricing

<sup>1</sup> Plug option requires cord wiring option

<sup>2</sup> Only available in 5000K

<sup>3</sup> HV Available on 2B, 3B, & 4B only

<sup>4</sup> 4000K/80+ CRI - 5000K/70+ CRI

<sup>5</sup> If dimming enabled, plug option not available

<sup>6</sup> 6ft standard length cord (custom lengths available)



4 (L720P) 20 amp 277V Twist Lock Plug
5 (L2420P) 20 amp 347V Twist Lock Plug
6 (L820P) 20 amp 480V Twist Lock Plug
7 (L715P) 15 amp 277V Twist Lock Plug