

NICOR[®] | LED

HBG

Spec Grade High Bay



HBG

Aisle Optics

The rectangular illumination pattern focuses light for aisles perfectly, reducing the overall number of fixtures required.

High Efficacy LEDs

Provide long-lasting, efficient performance; L88 at 60,000 hours, L70>160,000 hours.

Up to 50°C

Operating temperature of up to 50°C.

HBG Spec Grade High Bay

The HBG provides spec grade optimization with precision-engineered optics, multiple distributions, and a choice of lumen outputs. Up to 180 LPW and aisle distribution will reduce the number of fixtures required; saving labor and cost of luminaires.

Wireway Compartment

Easy access cable connected wireway cover makes installation hassle-free.

Surge Protection

Industry leading built-in 10kA surge protection standard.

Lens Options

Diffuse lens option provides smooth, even illumination. The No Lens option offers the highest lumen output.

**180
LPW**

Fewer Fixtures

With up to 180LPW fewer fixtures are needed.

Performance Data 80CRI				70 CRI	
Model #	Lumens	Watts	LPW	Lumens	LPW
HBG116U4#A	16325	101.6	160.7	16771	165.1
HBG116U4#D	15684		154.4	16090	158.4
HBG116U4#N	17378		171.0	17954	176.7
HBG116U5#A	16371	145.3	161.1	16818	165.5
HBG116U5#D	15794		155.5	16203	159.5
HBG116U5#N	17515		172.4	18095	178.1
HBG123U4#A	23266		160.1	23918	164.6
HBG123U4#D	22499	204.4	154.8	23315	160.5
HBG123U4#N	24654		169.7	25797	177.5
HBG123U5#A	23326		160.4	24073	165.7
HBG123U5#D	22663		156.0	23485	161.6
HBG123U5#N	24813		170.8	25963	178.7
HBG133U4#A	32854	204.4	160.7	33727	165.0
HBG133U4#D	32231		157.7	32731	160.1
HBG133U4#N	35268		172.5	35970	176.0
HBG133U5#A	33219		162.5	34102	166.8
HBG133U5#D	32396		158.5	32899	161.0
HBG133U5#N	35446		173.4	36152	176.9



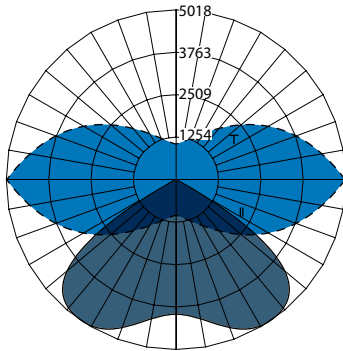


Applications: Aisle racking, manufacturing, and gymnasiums

Photometric Data

HBG123U58A

Input Voltage (VAC)	120-277
System Level Power (W)	145
Delivered Lumens (Lm)	23417
System Efficacy (Lm/W)	161.2
Correlated Color Temp (K)	5000
Color Rendering Index (CRI)	80
Total Harmonic Distortion	<20%
Power Factor	>0.9
Beam Angle (H)	116°
Beam Angle (T)	49°
Spacing Criteria (H)	0.62
Spacing Criteria (T)	1.88

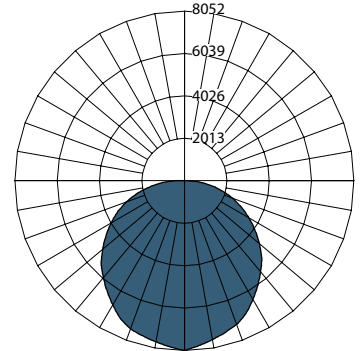


with aisle optics



HBG123U58D

Input Voltage (VAC)	120-277
System Level Power (W)	145
Delivered Lumens (Lm)	22663
System Efficacy (Lm/W)	156
Correlated Color Temp (K)	5000
Color Rendering Index (CRI)	80
Total Harmonic Distortion	<20%
Power Factor	>0.9
Beam Angle (H)	102°
Beam Angle (T)	117°
Spacing Criteria (H)	1.20
Spacing Criteria (T)	1.26



with diffuser lens



16,000Lm



23,000Lm



33,000Lm



16,000Lm with Wireguard and PIR Sensor

Ordering Information

Example: HBG116U47APE27

Series	Lumens	Voltage	CCT's	CRI	Lens	Sensor	Emergency	Wiring Options	Field Installed Plug Options ⁷
HBG1	16 (16,000 lm, 102W)	U (120-277V)	40 (4000K)	7 (70+) ¹	A (Aisle)	__ (No Sensor)	__ (No EM)	__ (No Cord)	__ (No Plug)
	23 (23,000 lm, 145W)	H (347-480V)	50 (5000K)	8 (80+)	D (Diffuse) ²	P (HB011-PDX)	E3 (EMB250) ⁴	C6 (6 ft cord) ⁵	1 (515P) 15A 120V Straight Blade
	33 (33,000 lm, 204W)				N (No Lens)	R (MWOS360R2)		C10 (10 ft cord) ⁵	2 (L515P) 15A 120V Twist Lock
								F6 (6 ft FMC) ⁶	3 (L615P) 15A 250V Twist Lock
									4 (L715P) 15A 277V Twist Lock
									5 (L720P) 20A 277V Twist Lock
									6 (L2320P) 20A 347V Twist Lock
									7 (L820P) 20A 480V Twist Lock

Specifications and dimensions subject to change without notice. 1. Consult factory. May have extended lead times or MOQ. 2. If field modification is required, diffuser lens will snap over 'A' aisle lens or 'N' no lens options. 3. 'N' (No lens) option is not DLC5.1 Qualified. 4. The EMB400 is only available as an accessory providing up to 40W of illumination. The EMB400 hangs above the luminaire and has an integral junction box for wiring. Only available with 120-277V. See EMB400 spec sheet for complete information. 5. Cord is 18/5 wire, 6' or 10' long, black. Other lengths available upon request. 6. Flexible metal conduit is 6' long, 18/5 wire configuration. Other lengths available upon request. 7. Field installed plugs are placed inside the carton for field attachment only. Plug not available with emergency enabled fixtures.

Accessories



Wireguard



Pendant Mount Kit



PIR Sensor



Microwave Motion Sensor



MWOS-REMOTE



EMB400

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