

# Series HBCA

## Premier LED Aisle High Bay

This high-efficiency LED high bay is engineered for premium performance in aisle lighting. A precision-formed, highly reflective enhanced aluminum reflector system is designed to achieve maximum light output. Ideally suited for aisles, warehouses, manufacturing plants, sports facilities and garages.

### CONSTRUCTION

Housing is 22 gauge prepainted steel. Air vents surround the drivers in the back of the fixture to maximize LED and driver performance, reliability and life. High reflective enhanced aluminum reflectors are computer designed to maximize photometric performance and put the light where you need it.

### MOUNTING

Surface and pendant mounting. Also able to be chain or stem mounted. Access place in the back makes wiring fast and hassle-free. Highest quality materials and workmanship.

### TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, Cord sets, whips, occupancy sensors, Hanging kits, Wire guards. Contact factory for additional options.



### DIMENSIONS

48L- 48"L X 7.90"W X 4.30"H

96L - 96.25"L X 7.90"W X 4.30"H

### FEATURES & BENEFITS

- Ideal for wide area lighting to put the light exactly where you need it with fewer fixtures
- These fixtures can replace an HID high bay using half of the wattage
- Engineered for premium performance in medium and high ceiling applications
- Several Kelvin temperature options (3000K, 3500K, 4000K, 5000K)
- Multiple lumen outputs/ wattages available through use of programmable drivers
- Maximum light output for ceilings from 15 feet to 40 feet
- BAA Compliant
- >50,000 hrs of L70 LED life
- Dimming: 0-10Volt 120-277V (120V ELV/TRIAC avail)
- Power factor >0.90
- CRI >80
- Rated for dry and damp locations
- Emergency battery backup available
- 5 year warranty





CATALOG#: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_

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### ORDER INFORMATION

Factory at your fingertips. Fill in the blanks to create your part number or create a custom configuration.

SERIES	SIZE	WATTAGE & LUMENS *		REFLECTOR	DRIVER	CCT	
HBCA Premier LED Aisle High Bay	48L 48"	B110W	110 Watts 14000 Lumens	A10 Aluminum reflector, no uplight, standard distribution	DMV 0-10V Dimming D1MV 0-10V Dimming (dim to 1%)	30K	3000K
		B144W	144 Watts 20000 Lumens			35K	3500K
	96L 96"	B162W	162 Watts 22000 Lumens			40K	4000K
		B220W	220 Watts 27000 Lumens			50K	5000K
		B288W	288 Watts				
			35000 Lumens				

OPTIONS		MOUNTING OPTIONS	
MDT4	Occupance sensor wide angle	HC101	Chain kit with S Hooks
MD84	Occupancy/Bi-level	HC204	Chain kit with Tong hangers
C8515P	5-15P 120V 8 ft cord & plug	GT310	10' Aircraft cable gripple kit
C8715P	1.7-15P 277V 8 ft cord & plug	GT315	15' Aircraft cable gripple kit
C105WWH	10 ft. cord, 5 wires, no plug	HC301WH	4' cable/cord canopy kit
C155WWH	15 ft. cord, 5 wire, no plug	2SCS24WH	2' stem kit w/canopy
WP	6ft 3 wire whip	WG	Wire Guard
EM14	14W Emergency Battery Backup 90 mins Battery Backup		

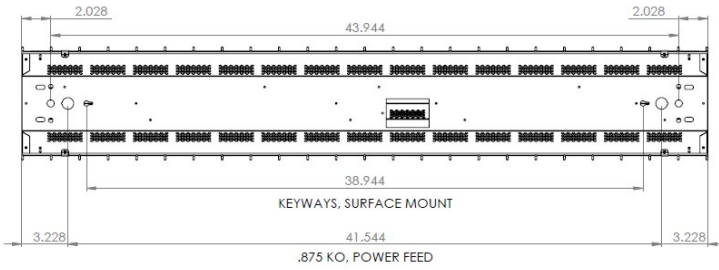
\*Programmable LED drivers allow custom configured wattages and corresponding lumens.

**NOTE:** Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based environment or application. Specifications are subject to change without notice. We reserve the right to change design, materials, LED's and finish in any way that will not alter installed appearance or reduce function and performance.

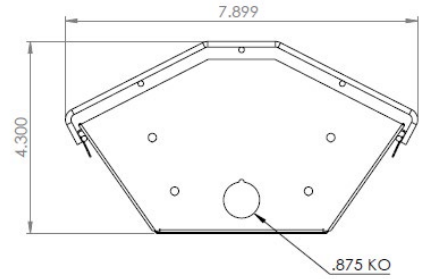
CATALOG#: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_

**DRAWINGS & IMAGES**

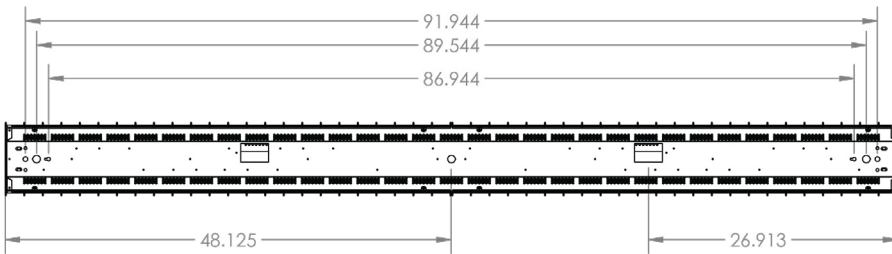
48L Top



End

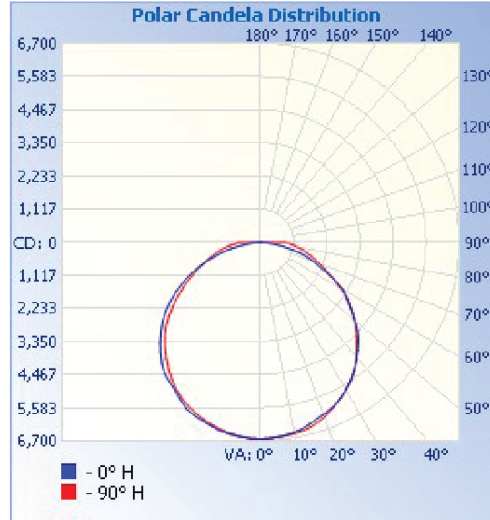
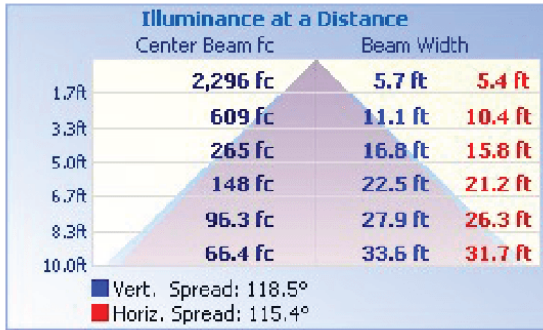


96L Top



PHOTOMETRICS

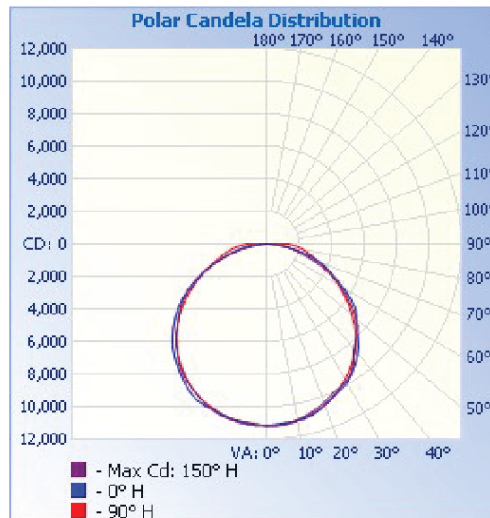
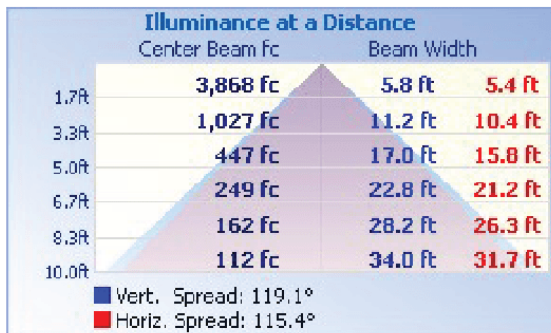
HBCA48LB144WA10DMV50K



**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	5,204.5	25.5%
0-40	8,593.6	42%
0-60	15,443.7	75.5%
60-90	4,886.1	23.9%
70-100	2,476.5	12.1%
90-120	117.7	0.6%
0-90	20,329.8	99.4%
90-180	117.7	0.6%
0-180	20,447.5	100%

HBCA96LB288WA10DMV50K



**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	8,799.7	25.3%
0-40	14,528.4	41.8%
0-60	26,139.8	75.2%
60-90	8,402.4	24.2%
70-100	4,287.0	12.3%
90-120	195.5	0.6%
0-90	34,542.2	99.4%
90-180	195.5	0.6%
0-180	34,737.7	100%