



Texas Fluorescents
Reinvented

CATALOG#:

PROJECT:

TYPE:

Series HBCA

Premiere LED Aisle High Bay

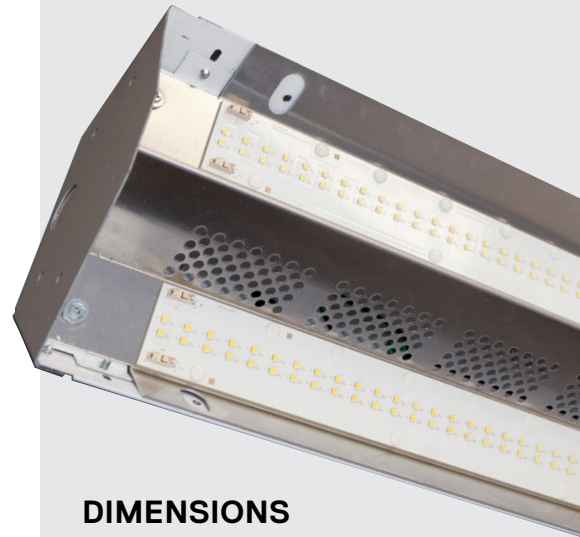
This high-efficiency LED high bay is engineered for premium performance in aisle lighting. A precision-formed, highly reflective enhanced aluminum reflector system is designed to achieve maximum light output. Ideally suited for aisles, warehouses, manufacturing plants, sports facilities and garages.

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. Access plate in the back makes wiring fast and hassle-free. Highest quality materials and workmanship.



DIMENSIONS

48"L x 7.90"W x 4.30"H
96.25"L x 7.90"W x 4.30"H

FEATURES & BENEFITS

- 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
- 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
- Made in America from Domestic and Imported Parts also BAA Compliant
- CRI >80
- >50,000 hrs of L70 LED life
- Dimming: 0-10Volt 120-277V (120V ELV/TRIAC avail)
- Power factor >0.90
- Rated for dry and damp locations
- Emergency battery backup available



Intertek

REV 04/24/2020



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ORDER INFORMATION

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

W L

SERIES	LENS MATERIAL		WIDTH		SIZE		WATTAGE & LUMENS *		DRIVER		COLOR & CRI **									
HBCA	Blank	No Lens	One Width	7.90"	48L	48"	N110W14000L	110 Watts 14000 Lumens	DMV	0-10V Dimming	30K	3000K 80 CRI								
	DFFR	Door Frame with Frosted Smooth Acrylic											96L	96"	N144W20000L	144 Watts 20000 Lumens	G120	ELV/TRIAC Dimming at 120V only	35K	3500K 80 CRI
	N220W27000L	220 Watts 27000 Lumens			50K	5000K 80 CRI														
							N288W35000L	288 Watts 35000 Lumens												

Additional Options

OPTIONS	
EM	10W Emergency Battery Backup 90 mins Battery Backup
EM12	12W Emergency Battery Backup 90 mins Battery Backup
EM20	20W Emergency Battery Backup 90 mins Battery Backup
WG	Wire Guard

Note:

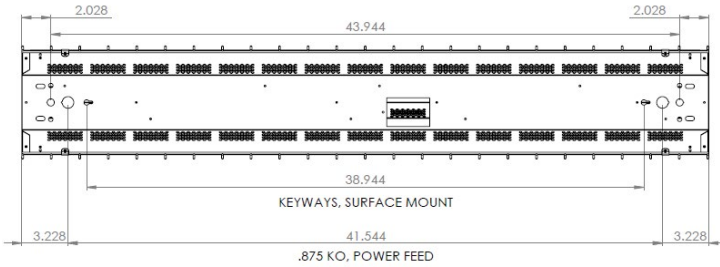
*Programmable LED drivers allow custom configured wattages and corresponding lumens.

** Consult factory for 90CRI availability.

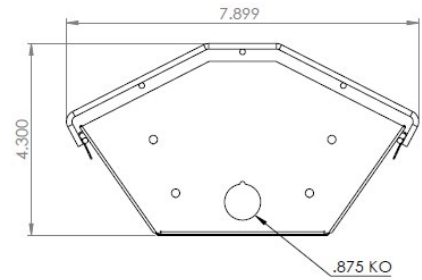
We reserve the right to change design, materials, LEDs and finish in any way that will not alter installed appearance or reduce function and performance.

DRAWINGS & IMAGES

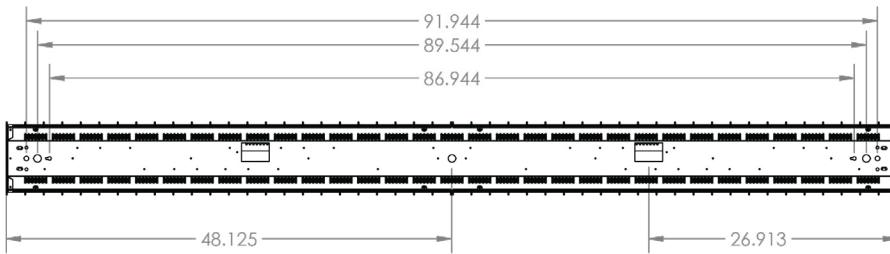
48L Top



End



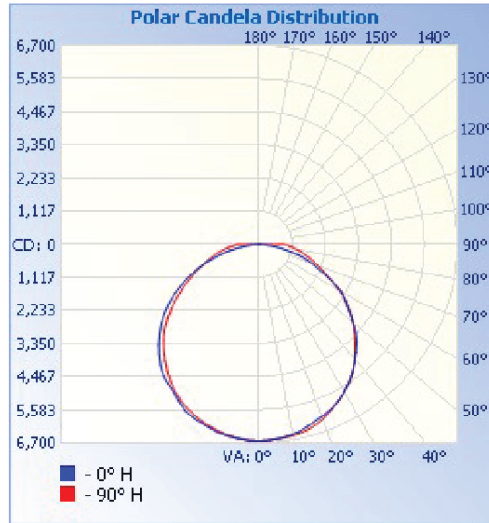
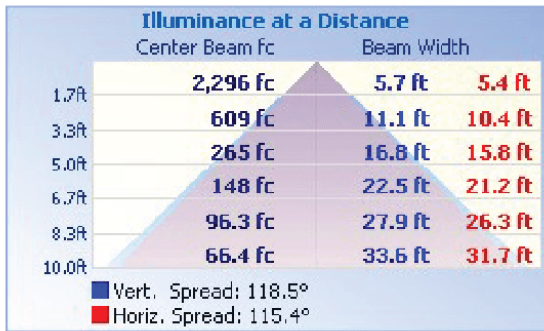
96L Top



SERIES	DESCRIPTIONS
OHBCAFR48L	Replacement frosted acrylic lens for 48L
OHBCAFR96L	Replacement frosted acrylic lens for 96L
OHBCADFFR48L	Replacement Door frame with frosted acrylic lens for 48L
OHBCADFFR96L	Replacement Door frame with frosted acrylic lens for 96L

PHOTOMETRICS

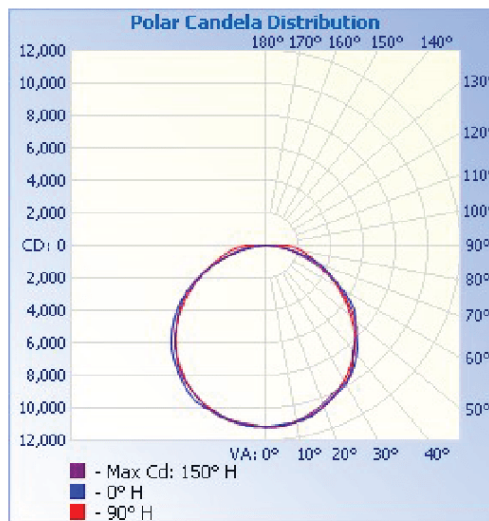
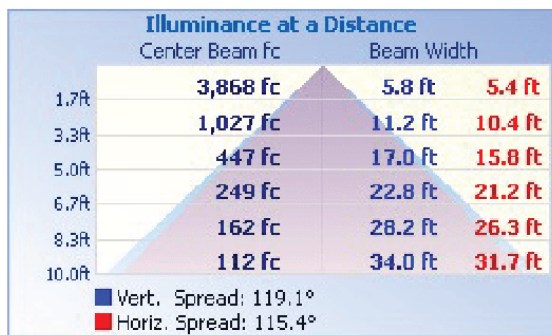
HBCA48LN144W20000LA10DMV50K



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%
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0-90	20,329.8	99.4%
90-180	117.7	0.6%
0-180	20,447.5	100%

HBCA96LN288W40000LA10DMV50K



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%
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0-90	34,542.2	99.4%
90-180	195.5	0.6%
0-180	34,737.7	100%