



Texas Fluorescents
Reinvented

CATALOG#: _____
PROJECT: _____
TYPE: _____

Series HBC

LED High Bay Full Body

High efficiency LED engineered for premium performance in medium and high ceiling applications ideally suited for warehouses, manufacturing plants, sports facilities and retail spaces. A precision-formed reflector system available in highly reflective enhanced white reflector achieve maximum light output for ceilings from 15 feet to 40 feet. The unique arrangement is ideal for wide area lighting to put the light exactly where you need it with less fixtures. Based on ceiling height, these fixtures can replace an HID high bay using half of the wattage. Highest quality materials and workmanship.

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 white reflectors are computer designed to maximize photometric performance and put the light where you need it. Access plate in the back makes wiring fast and hassle-free. Back of fixture is designed with built-in mounting holes for tong hanger, chain kit.

MOUNTING

Designed for pendant or chain hanging. Mounting holes are provided for simple, fast installation. See Buyers Guide for list of all mounting options available and sold separately.

TYPICAL OPTIONS & ACCESSORIES

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



DIMENSIONS

24L: 24.056"L x 20.385"W x 3.62"H
48L: 48.056"L x 11.369"W x 3.62"H (130W and below)
48L: 48.056"L x 20.385"W x 3.62"H

FEATURES & BENEFITS

- A sturdy/durable fixture body with superior appearance and appeal
- Ideal for commercial, retail and industrial applications
- Mounts easily with chain kit
- Protected by an optional wire guard
- Suitable for dry or damp locations
- >50,000 hrs of L70 LED life
- CRI >80
- 0-10 Volt dimmable 120-277V
- Power factor 0.99
- 5 year warranty



DRAWINGS & IMAGES

HBC Drawings



With Wire Guard

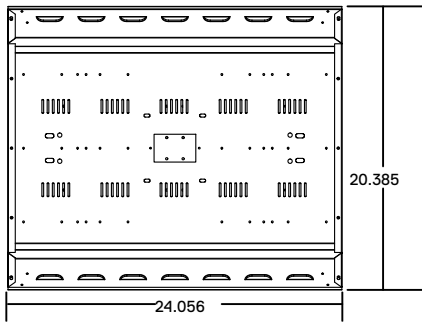


With Lens

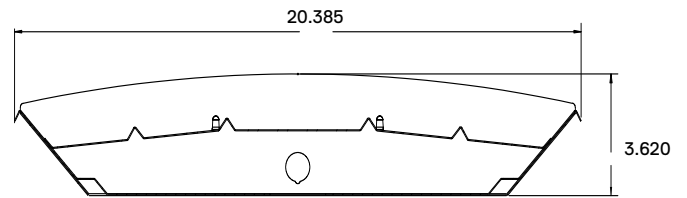


Without Lens

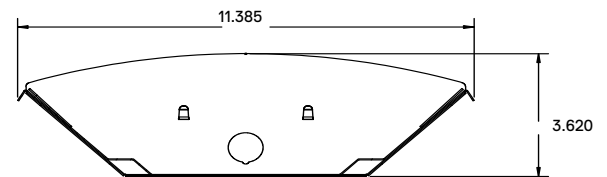
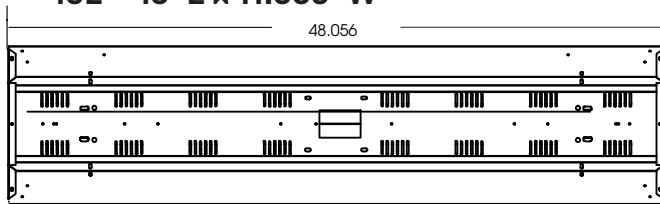
24L - 24.056"L x 20.385"W



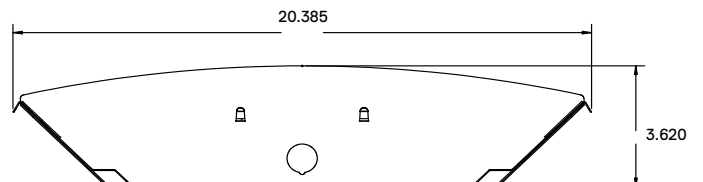
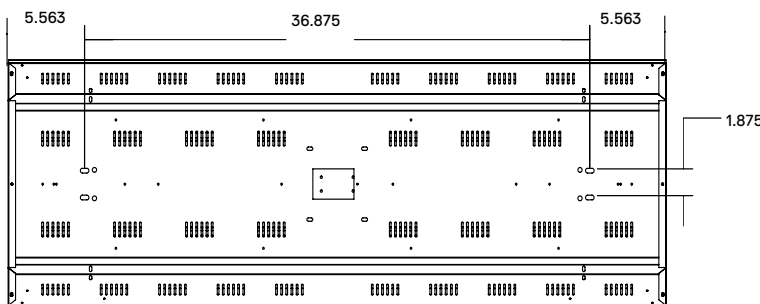
END



48L - 48"L x 11.385"W



48L - 48"L x 20.385"W



TONG HANGERS HOLE DISTANCES



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ORDER INFORMATION

SERIES	LENS MATERIAL		SIZES		WATTAGE & LUMENS		REFLECTOR ²		DRIVER		COLOR					
HBC	Blank	No lens	24L	24"Lx20.385"W	B65W10000L	65 Watts 10000 Lumens	A10	Aluminum Reflector	DMV 0-10V Dimming DHV 347-480V	30K	3000K					
					B95W15000L	95 Watts 14437 Lumens				35K	3500K					
					B130W20000L	130 Watts 20000 Lumens				40K	4000K					
	L ¹	Frosted Smooth Acrylic	B165W25000L	165 Watts 25000 Lumens	B185W29000L	185 Watts 28390 Lumens	50K	5000K								
													B165W25000L	165 Watts 25000 Lumens	W30 ²	White Steel Reflector
													B185W29000L	185 Watts 28390 Lumens		
	48L	48"Lx11.385"W	Y65W10000L	65 Watts 10000 Lumens												
	DFFR	Door Frame w/Frosted Lens	48L	48"Lx20.385"W	Y95W15000L	95 Watts 15000 Lumens	A10	Aluminum Reflector								
					Y130W20000L	130 Watts 20000 Lumens										
					B162W26000L	162 Watts 26000 Lumens										
	48L	48"Lx20.385"W	B215W35000L	215 Watts 35519 Lumens	A10	Aluminum Reflector										
			B260W40000L	260 Watts 41572 Lumens												
			B285W45000L	285 Watts 45000 Lumens												
			B320W50000L	320 Watts 51177 Lumens												
			_____*													

OPTIONS		ACCESSORIES	
MDT4	Occupancy Sensor Wide Angle	WG	Wire Guard
MDF4	Occupancy Sensor and Daylight	5HBD	Single point stem mount kit
MDT4480	Occupancy Sensor Wide Angle 480 Volt	HC101	Chain kit with 20' chain and (4) S Hooks
CS	5-15P 120V 8ft Cord & Plug	HC204	Chain kit with (2) 10' chain and (2) Tong hangers
CS12	L7-15P 277V 8ft Cord & Plug		
CS08	8ft Cord No Plug		
WP	6ft 3 Wire, Whip		
WP10	6ft 4 Wire, Whip		
EM14	14W, 90 mins, 120-277VAC		
LSXR610(xx)	Occupancy Sensor (Full On and Steps to XX% Level)		

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

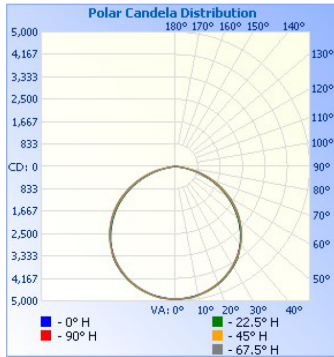
¹ Estimate 10%-15% lumen output loss with lens.

² W30 Reflector not compatible with 'L - Frosted Smooth Acrylic' lens option, must use A10 Reflector. Change W30 to A10 for HBCL version.

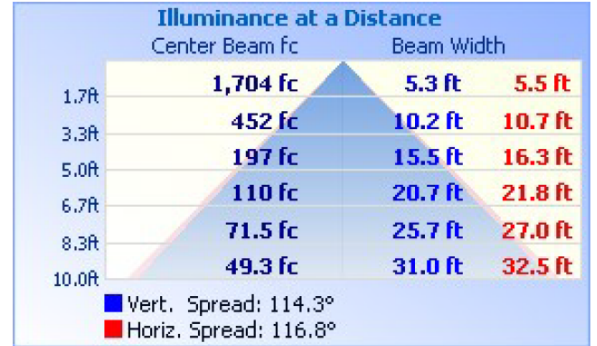
NOTE: Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based environment or application. Specifications are subject to change without notice. We reserve the right to change design, materials, LED's and finish in any way that will not alter installed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

PHOTOMETRIC

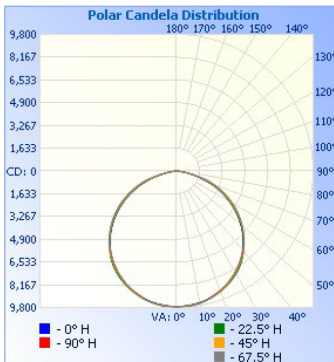
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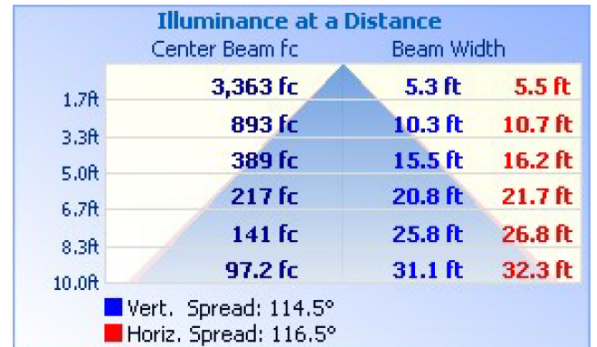
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	3,874.8	26.8%
0-40	6,403.9	44.4%
0-60	11,479.7	79.5%
60-90	2,953.4	20.5%
70-100	1,137.5	7.9%
90-120	3.8	0%
0-90	14,433.2	100%
90-180	3.8	0%
0-180	14,436.9	100%



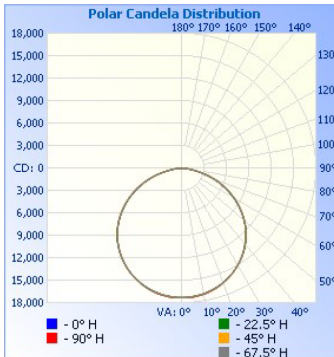
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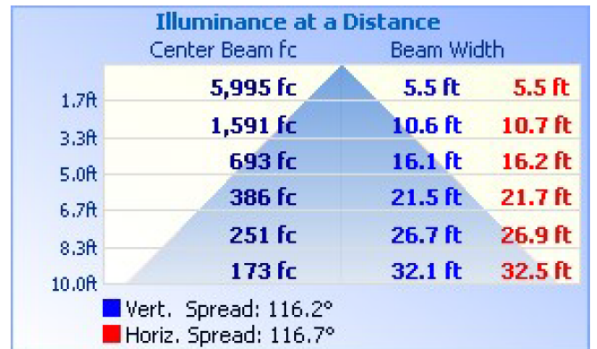
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	7,659.9	27%
0-40	12,653.0	44.6%
0-60	22,661.6	79.8%
60-90	5,721.1	20.2%
70-100	2,146.8	7.6%
90-120	7.0	0%
0-90	28,382.7	100%
90-180	7.0	0%
0-180	28,389.7	100%



HBC48LB320W50000LDMV30K

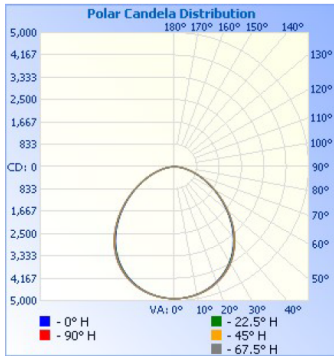


Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	13,625.6	26.6%
0-40	22,511.8	44%
0-60	40,520.1	79.2%
60-90	10,651.4	20.8%
70-100	4,100.0	8%
90-120	5.0	0%
0-90	51,171.5	100%
90-180	5.0	0%
0-180	51,176.5	100%

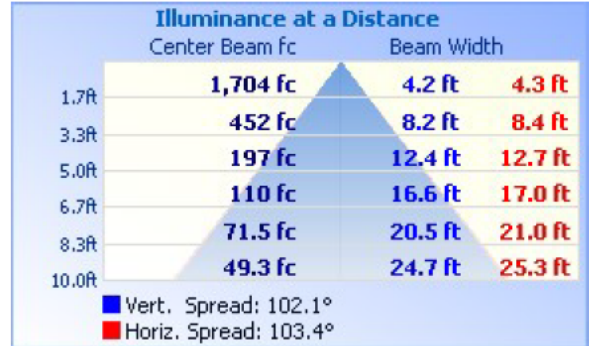


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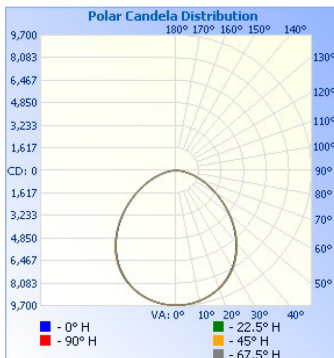
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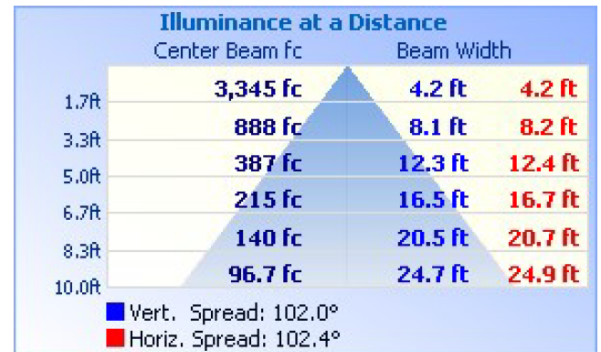
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	3,828.2	30.2%
0-40	6,219.5	49%
0-60	10,486.5	82.6%
60-90	2,199.7	17.3%
70-100	892.3	7%
90-120	2.6	0%
0-90	12,686.2	100%
90-180	2.6	0%
0-180	12,688.9	100%



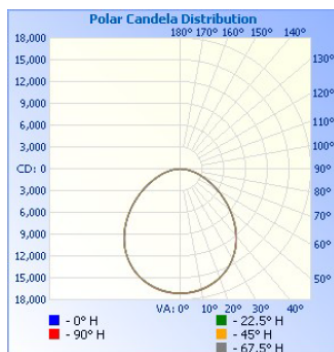
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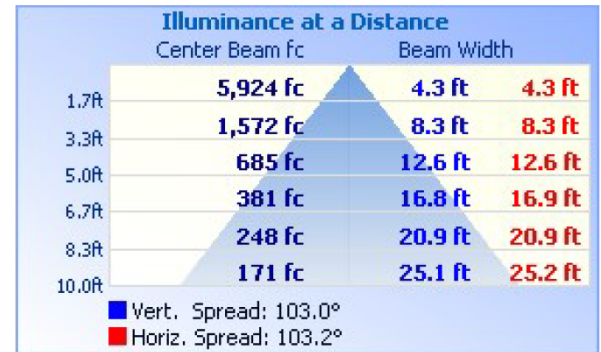
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	7,497.2	30.3%
0-40	12,161.0	49.2%
0-60	20,457.4	82.7%
60-90	4,271.0	17.3%
70-100	1,732.3	7%
90-120	5.3	0%
0-90	24,728.4	100%
90-180	5.3	0%
0-180	24,733.7	100%



HBC48LB320W50000LDMV30K



Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	13,285.7	29.9%
0-40	21,581.5	48.6%
0-60	36,484.1	82.2%
60-90	7,881.0	17.8%
70-100	3,260.2	7.3%
90-120	15.4	0%
0-90	44,365.1	100%
90-180	15.4	0%
0-180	44,380.6	100%



CATALOG#: _____
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Item Number

HBC48LB162W26000LA10DHV50Koooo(not WG)
HBC48LB216W33000LA10DHV50Koooo(not WG)
HBC48LB247WA10DHV50Koooo(not WG)

