



Texas Fluorescents
Reinvented

CATALOG#: _____
PROJECT: _____
TYPE: _____

Series CBF

LED Volumetric Recessed Luminaire

The CBF LED is a specification grade, Volumetric Recessed LED Luminaire which provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed configurations. Reflected light from matte surfaces provide a softened appearance to the modern office environment.

CONSTRUCTION

Housing is cold rolled, 22 gauge steel. Luminaire body finish is high reflectance baked white enamel, with matte white reflectors. Wiring knockouts are provided on the back of housing. Center diffuser snaps into place; no tools are required for removal.



DIMENSIONS

- 1x4 - 48.00”L x 12.00”W x 3.26”H
- 2x2 - 24.00”L x 24.00”W x 3.26”H
- 2x4 - 48.00”L x 24.00”W x 3.26”H

FEATURES & BENEFITS

- Volumetric recessed luminaire provides a low glare light source
- Matte white reflective surface for soft, uniform light distribution
- Easy access plate for quick wiring
- IC rated for dry and damp location
- >50,000 hrs of L70 LED life
- 0-10 Volt Dimming 120-277V (120V ELV/Triac avail.)
- CRI >80 (90 CRI avail.)
- Power factor >0.90
- 5 year warranty
- IESNA LM-79, LM-80, TM-21 REPORTS AVAILABLE UPON REQUEST





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LED Volumetric Recessed
Luminaire

ORDER INFORMATION

SERIES	LENGTH	WATTAGE & LUMENS	DRIVER	COLOR			
CBF	14L 12"x48"	F22W3100L	22 Watts, 3100 Lumens	DMV	0-10V Dimming	30K	3000K
		F30W4000L	30 Watts, 4000 Lumens	D1MV	0-10V Dimming dim to 1%	35K	3500K
		F35W4600L	35 Watts, 4600 Lumens	G120	ELV/Triac Dimming at 120V only	40K	4000K
		F40W5100L	40 Watts, 5100 Lumens			50K	5000K
		F48W6000L	48 Watts, 6000 Lumens				
		F57W7000L	57 Watts, 7000 Lumens				
	22L 24"x24"	F18W2100L	18 Watts, 2100 Lumens				
		F20W2500L	20 Watts, 2500 Lumens				
		F24W3000L	24 Watts, 3000 Lumens				
		F28W3200L	28 Watts, 3200 Lumens				
		F30W3600L	30 Watts, 3600 Lumens				
		F35W4200L	35 Watts, 4200 Lumens				
		F40W4700L	40 Watts, 4700 Lumens				
	24L 24"x48"	F22W3100L	22 Watts, 3100 Lumens				
		F28W3800L	28 Watts, 3800 Lumens				
		F30W4100L	30 Watts, 4100 Lumens				
		F32W4300L	32 Watts, 4300 Lumens				
		F35W4500L	35 Watts, 4500 Lumens				
		F40W5200L	40 Watts, 5200 Lumens				
		F48W6200L	48 Watts, 6200 Lumens				
		F57W7200L	57 Watts, 7200 Lumens				
		F62W7900L	62 Watts, 7900 Lumens				

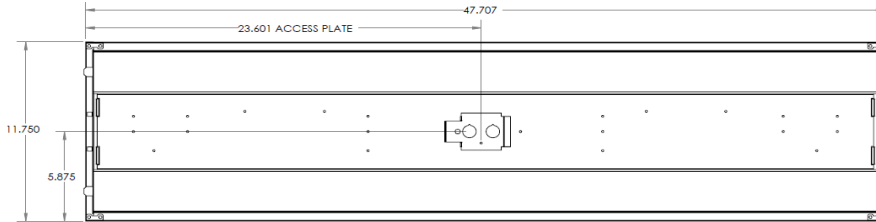
CRI	OPTIONS	
Blank 80 CRI	WP 6 ft. 3 wire 18 gauge whip	FIK1x4 1x4 Frame-in-kit
90 90 CRI	WP4 6 ft. 4 wire 18 gauge whip (non dimming EM)	FIK2x2 2x2 Frame-in-kit
	WP5W 6 ft. 5 wire 18 gauge whip	FIK2x4 2x4 Frame-in-kit
	WP6W 6 ft. 6 wire 18 gauge whip (dimming EM)	
	EM 10W Emergency battery backup	
	EM12 12W Emergency battery backup (remote only)	
	EM20 20W Emergency battery backup (remote only)	

Note:

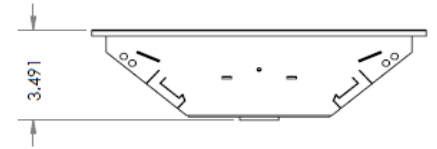
*Programmable LED drivers allow custom configured wattages and corresponding lumens.
We reserve the right to change design, materials, LEDs and finish in any way that will not alter installed appearance or reduce function and performance.

DRAWINGS & IMAGES

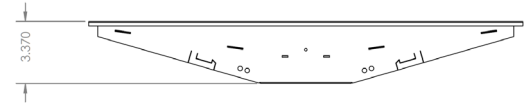
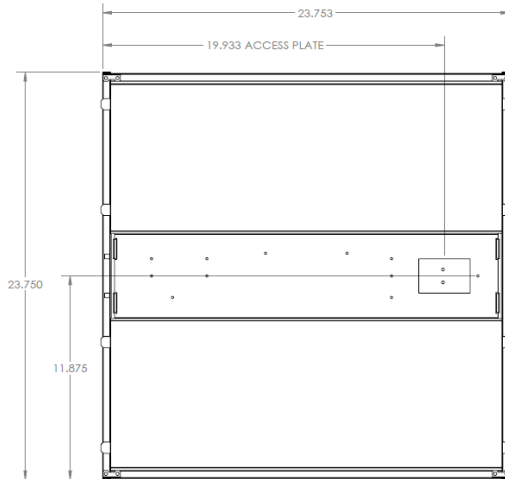
**Back
1x4**



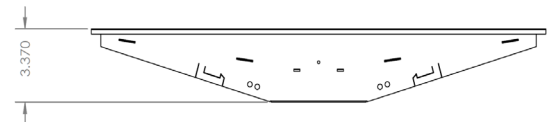
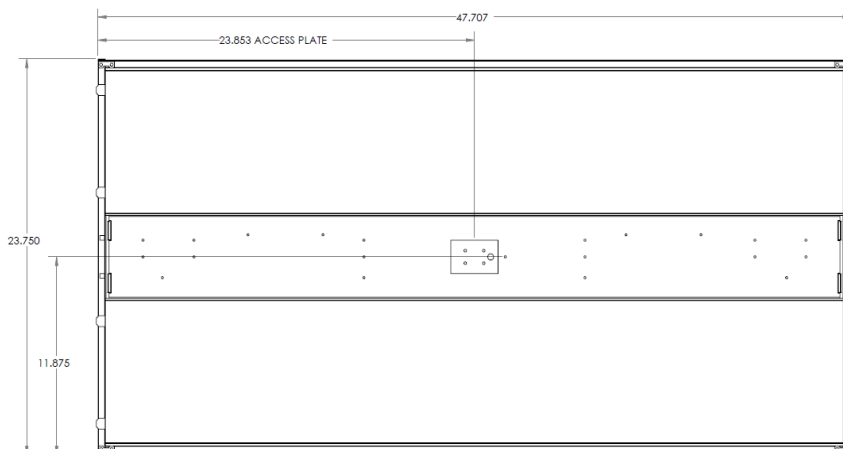
End



2x2



2x4

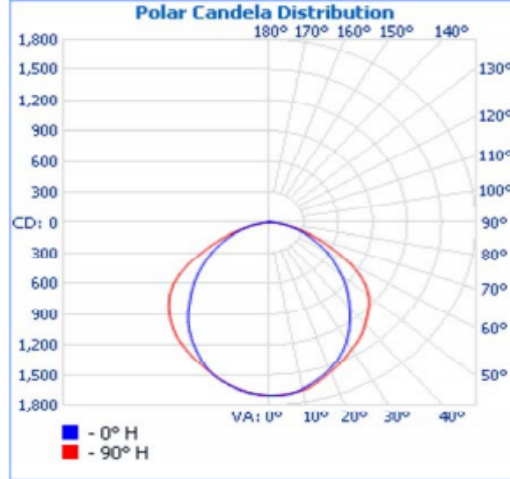
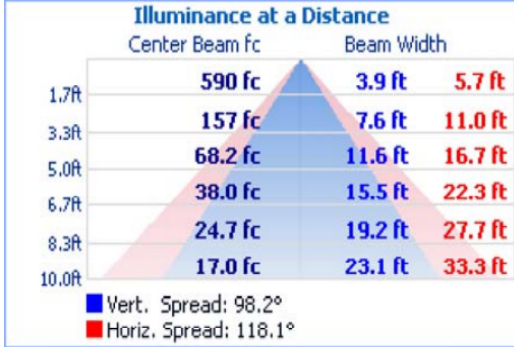


Replacement Lens Ordering Information

Series	Description
OCBF1x4	Replacement lens for 1x4
OCBF2x2	Replacement lens for 2x2
OCBF2x4	Replacement lens for 2x4

PHOTOMETRICS

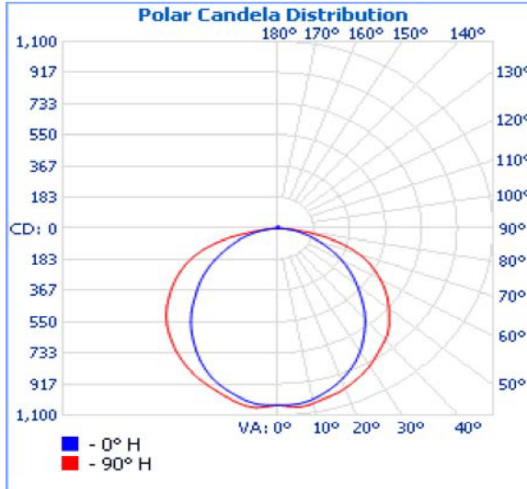
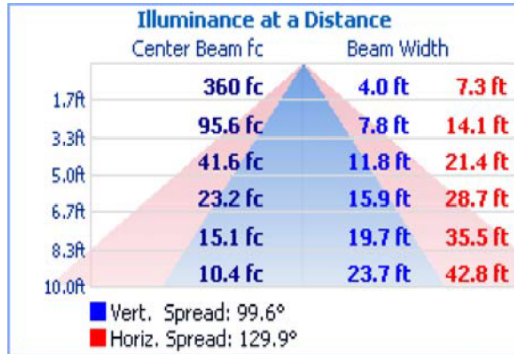
1X4- CBF14LF35W4600LDMV40K



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,295.2	27.9%
0-40	2,106.7	45.4%
0-60	3,719.6	80.1%
60-90	922.7	19.9%
70-100	360.9	7.8%
90-120	0.8	0%
0-90	4,642.3	100%
90-180	0.8	0%
0-180	4,643.1	100%

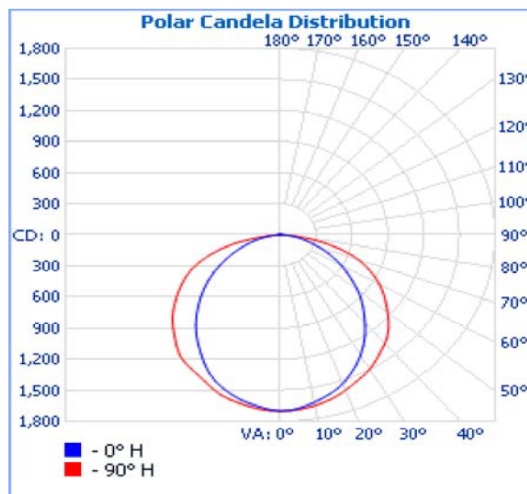
2X2- CBF22LF28W3200LDMV40K



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	817.1	26.2%
0-40	1,336.0	42.8%
0-60	2,381.5	76.3%
60-90	720.7	23.1%
70-100	315.8	10.1%
90-120	4.6	0.1%
0-90	3,102.2	99.4%
90-180	18.1	0.6%
0-180	3,120.3	100%

2X4- CBF24LF40W5200LDMV40K



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,310.1	26.1%
0-40	2,143.6	42.7%
0-60	3,829.0	76.3%
60-90	1,175.6	23.4%
70-100	518.6	10.3%
90-120	4.5	0.1%
0-90	5,004.6	99.7%
90-180	15.9	0.3%
0-180	5,020.5	100%



DLC Listed Items

CBF14LF22W3100DMV30K [Qualified at 120V]	CBF22LF20W2500LDMV50K	CBF22LHF24W3000LDMV30K	CBF24LF57W7200LDMV50K
CBF14LF22W3100DMV35K [Qualified at 120V]	CBF22LF24W3000LDMV30K	CBF22LHF24W3000LDMV35K	CBF24LF62W7900LDMV30K
CBF14LF22W3100DMV40K [Qualified at 120V]	CBF22LF24W3000LDMV35K	CBF22LHF24W3000LDMV40K	CBF24LF62W7900LDMV35K
CBF14LF22W3100DMV50K [Qualified at 120V]	CBF22LF24W3000LDMV40K	CBF22LHF24W3000LDMV50K	CBF24LF62W7900LDMV40K
CBF14LF30W4000DMV30K [Qualified at 120V]	CBF22LF24W3000LDMV50K	CBF24LF22W3100LDMV30K	CBF24LF62W7900LDMV50K
CBF14LF30W4000DMV35K [Qualified at 120V]	CBF22LF28W3200LDMV30K	CBF24LF22W3100LDMV35K	CBF24LHF28W3800LDMV35K
CBF14LF30W4000DMV40K [Qualified at 120V]	CBF22LF28W3200LDMV35K	CBF24LF22W3100LDMV40K	CBF24LHF28W3800LDMV40K
CBF14LF30W4000DMV50K [Qualified at 120V]	CBF22LF28W3200LDMV40K	CBF24LF22W3100LDMV50K	CBF24LHF28W3800LDMV50K
CBF14LF35W4600DMV30K [Qualified at 120V]	CBF22LF28W3200LDMV50K	CBF24LF28W3800LDMV30K	CBF24LHF35W4800LDMV30K
CBF14LF35W4600DMV35K [Qualified at 120V]	CBF22LF30W3600LDMV30K	CBF24LF30W4100LDMV30K	CBF24LHF35W4800LDMV35K
CBF14LF35W4600DMV40K [Qualified at 120V]	CBF22LF30W3600LDMV35K	CBF24LF30W4100LDMV35K	CBF24LHF35W4800LDMV40K
CBF14LF35W4600DMV50K [Qualified at 120V]	CBF22LF30W3600LDMV40K	CBF24LF30W4100LDMV40K	CBF24LHF35W4800LDMV50K
CBF14LF40W5100DMV30K [Qualified at 120V]	CBF22LF30W3600LDMV50K	CBF24LF30W4100LDMV50K	CBF24LHF40W5400LDMV30K
CBF14LF40W5100DMV35K [Qualified at 120V]	CBF22LF35W4200LDMV30K	CBF24LF32W4300LDMV30K	CBF24LHF40W5400LDMV35K
CBF14LF40W5100DMV40K [Qualified at 120V]	CBF22LF35W4200LDMV35K	CBF24LF32W4300LDMV35K	CBF24LHF40W5400LDMV40K
CBF14LF40W5100DMV50K [Qualified at 120V]	CBF22LF35W4200LDMV40K	CBF24LF32W4300LDMV40K	CBF24LHF40W5400LDMV50K
CBF14LF48W6000DMV30K [Qualified at 120V]	CBF22LF35W4200LDMV50K	CBF24LF32W4300LDMV50K	CBF24LHF48W6400LDMV30K
CBF14LF48W6000DMV35K [Qualified at 120V]	CBF22LF40W4700LDMV30K	CBF24LF35W4500LDMV30K	CBF24LHF48W6400LDMV35K
CBF14LF48W6000DMV40K [Qualified at 120V]	CBF22LF40W4700LDMV35K	CBF24LF35W4500LDMV35K	CBF24LHF48W6400LDMV40K
CBF14LF48W6000DMV50K [Qualified at 120V]	CBF22LF40W4700LDMV40K	CBF24LF35W4500LDMV40K	CBF24LHF48W6400LDMV50K
CBF14LF57W7000DMV30K [Qualified at 120V]	CBF22LF40W4700LDMV50K	CBF24LF35W4500LDMV50K	
CBF14LF57W7000DMV35K [Qualified at 120V]	CBF22LF45W5100LDMV30K	CBF24LF40W5200LDMV30K	
CBF14LF57W7000DMV40K [Qualified at 120V]	CBF22LF45W5100LDMV35K	CBF24LF40W5200LDMV35K	
CBF14LF57W7000DMV50K [Qualified at 120V]	CBF22LF45W5100LDMV40K	CBF24LF40W5200LDMV40K	
CBF22LF15W1900LDMV30K	CBF22LF45W5100LDMV50K	CBF24LF40W5200LDMV50K	
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CBF22LF20W2500LDMV40K	CBF22LHF20W2600LDMV50K	CBF24LF57W7200LDMV40K	

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