

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



CATALOG# :

PROJECT :

TYPE :

Series CBF

LED Volumetric Recessed
Luminaire

ORDER INFORMATION

SERIES	LENGTH		WATTAGE & LUMENS*		DRIVER		COLOR	
CBF	14L	12"x48"	Y15W	15 Watts, 1950 Lumens	DMV 0-10V Dimming D1MV 0-10V Dimming dim to 1% G120 ELV/Triac Dimming at 120V only		30K	3000K 80 CRI
			Y20W	20 Watts, 2600 Lumens			35K	3500K 80 CRI
			Y25W	25 Watts, 3250 Lumens			40K	4000K 80 CRI
			Y33W	33 Watts, 4290 Lumens			50K	5000K 80 CRI
	22L	24"x24"	Y15W	15 Watts, 1950 Lumens			930K	3000K 90 CRI
			Y20W	20 Watts, 2600 Lumens			935K	3500K 90 CRI
			Y25W	25 Watts, 3250 Lumens			940K	4000K 90 CRI
			Y33W	33 Watts, 4290 Lumens				
	24L	24"x48"	Y20W	20 Watts, 2800 Lumens				
			Y25W	25 Watts, 3500 Lumens				
			Y30W	30 Watts, 4200 Lumens				
			Y35W	35 Watts, 4900 Lumens				
			Y40W	40 Watts, 5600 Lumens				
			Y45W	45 Watts, 6300 Lumens				
			Y54W	54 Watts, 7560 Lumens				

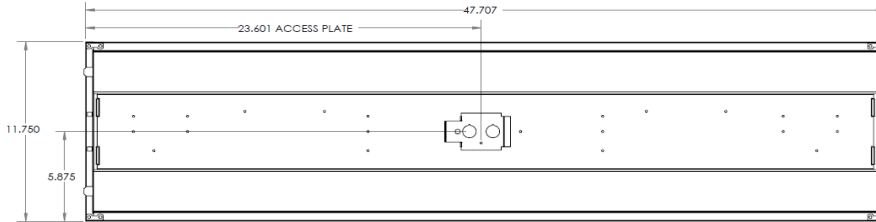
OPTIONS		ACCESSORIES	
WP	6 ft. 3 wire 18 gauge whip	FIK1x4	1x4 Frame-in-kit
WP4	6 ft. 4 wire 18 gauge whip (non dimming EM)	FIK2x2	2x2 Frame-in-kit
WP5W	6 ft. 5 wire 18 gauge whip	FIK2x4	2x4 Frame-in-kit
WP6W	6 ft. 6 wire 18 gauge whip (dimming EM)	SHCBF1X4	1x4 Shroud Kit
EM14	14W Emergency battery backup	SHCBF2X2	2x2 Shroud Kit
EM12	12W Emergency battery backup (remote only)	SHCBF2X4	2x4 Shroud Kit
EM20	20W Emergency battery backup (remote only)		

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

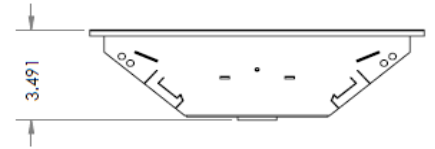
NOTE: Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based environment or application. Specifications are subject to change without notice. We reserve the right to change design, materials, LED's and finish in any way that will not alter installed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

DRAWINGS & IMAGES - Fixture

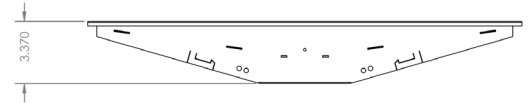
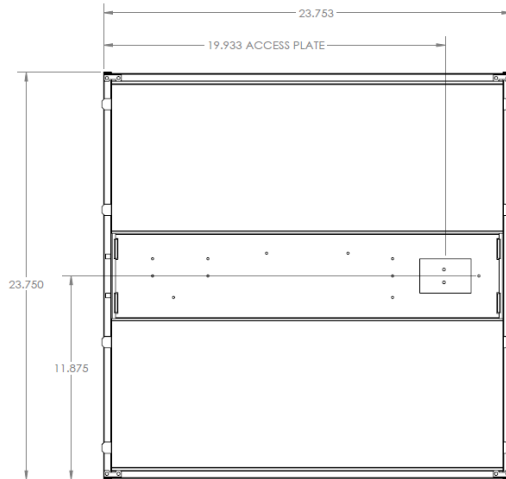
Back 1x4



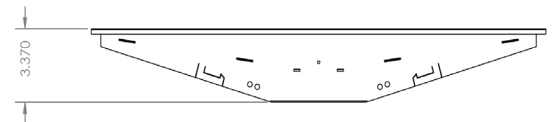
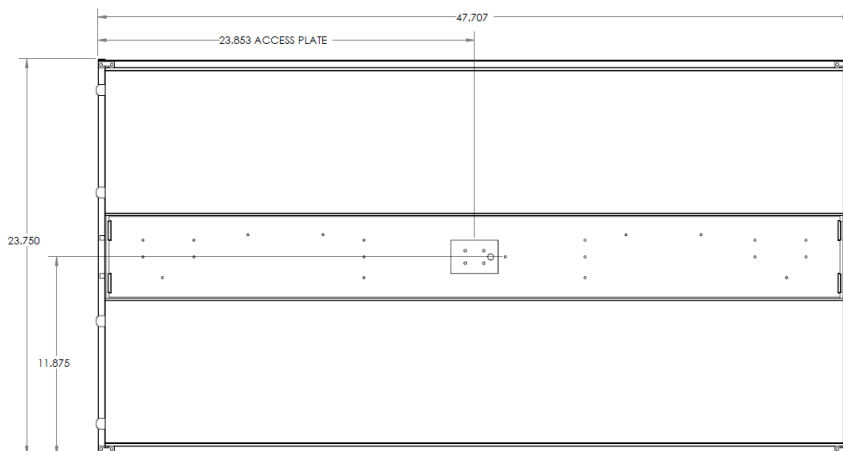
End



2x2



2x4



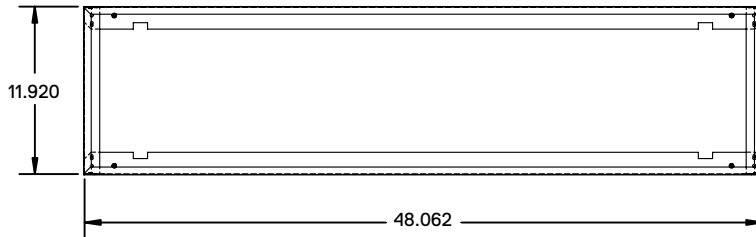
Replacement Lens Ordering Information

Series	Description
0CBF1x4	Replacement lens for 1x4
0CBF2x2	Replacement lens for 2x2
0CBF2x4	Replacement lens for 2x4

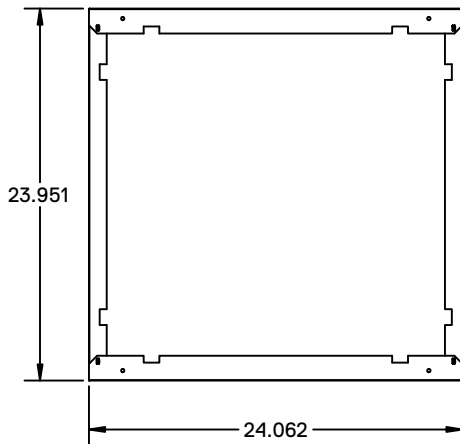
DRAWINGS & IMAGES - Shroud



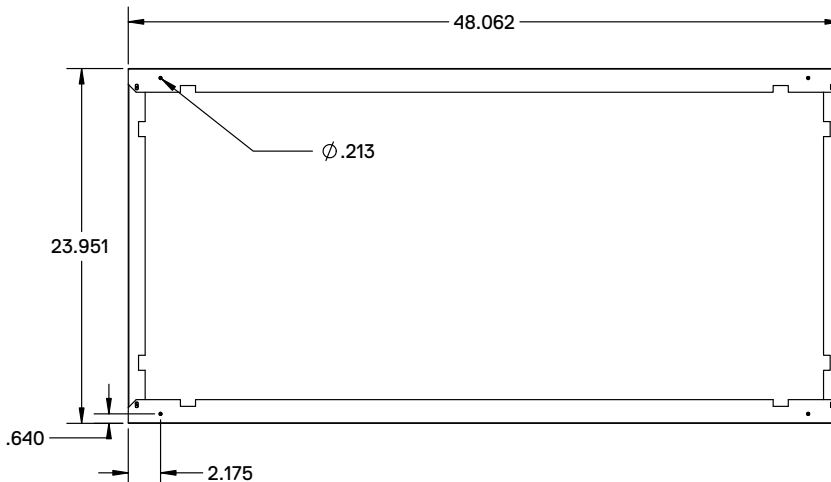
**Back
1x4**



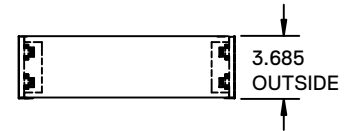
2x2



2x4



End

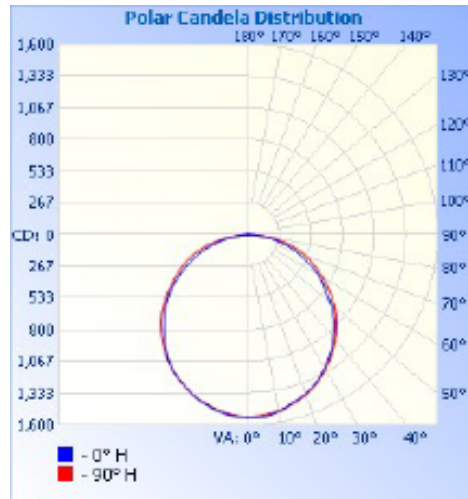
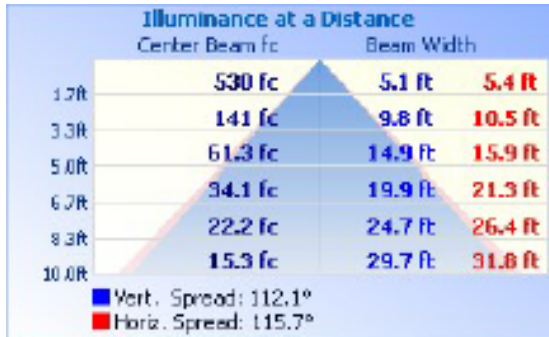


Surface Mount Ordering Information

Series	Description
SHCBF1x4	1x4 Shroud for Surface Mount
SHCBF2x2	2x2 Shroud for Surface Mount
SHCBF2x4	2x4 Shroud for Surface Mount

PHOTOMETRICS

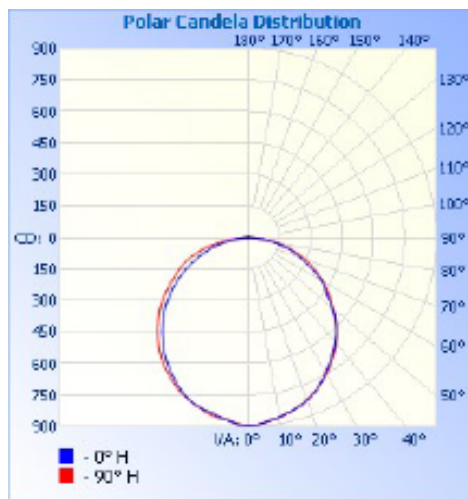
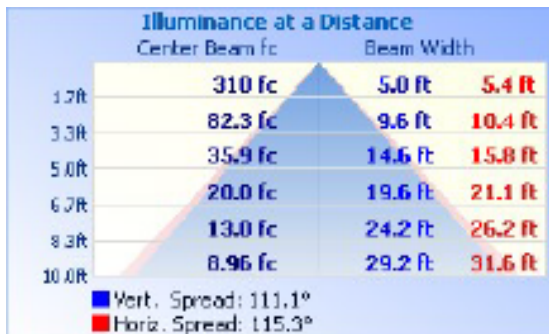
1X4- CBF14LY33WDMV35K



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,187.9	26.2%
0-40	1,945.8	42.9%
0-60	3,463.7	76.5%
60-90	1,064.1	23.5%
70-100	489.1	10.8%
90-120	2.8	0.1%
0-90	4,527.8	99.9%
90-180	2.8	0.1%
0-180	4,530.5	100%

2X2- CBF22LY22WDMV40K



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	686.6	26.2%
0-40	1,124.6	42.9%
0-60	2,002.1	76.4%
60-90	616.5	23.5%
70-100	283.7	10.8%
90-120	1.4	0.1%
0-90	2,618.6	99.9%
90-180	1.4	0.1%
0-180	2,620.0	100%

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DLC Listed Items

1X4 ITEM NUMBER	2X2 ITEM NUMBER	2X4 ITEM NUMBER
(SS,SV,SD,SM)CBF14LY15WDMV30K0000	(SS,SV,SD,SM)CBF22LY15WDMV30K0000	(SS,SV,SD,SM)CBF24LY20WDMV30K0000
(SS,SV,SD,SM)CBF14LY15WDMV35K0000	(SS,SV,SD,SM)CBF22LY15WDMV35K0000	(SS,SV,SD,SM)CBF24LY20WDMV35K0000
(SS,SV,SD,SM)CBF14LY15WDMV40K0000	(SS,SV,SD,SM)CBF22LY15WDMV40K0000	(SS,SV,SD,SM)CBF24LY20WDMV40K0000
(SS,SV,SD,SM)CBF14LY15WDMV50K0000	(SS,SV,SD,SM)CBF22LY15WDMV50K0000	(SS,SV,SD,SM)CBF24LY20WDMV50K0000
(SS,SV,SD,SM)CBF14LY20WDMV30K0000	(SS,SV,SD,SM)CBF22LY20WDMV30K0000	(SS,SV,SD,SM)CBF24LY25WDMV30K0000
(SS,SV,SD,SM)CBF14LY20WDMV35K0000	(SS,SV,SD,SM)CBF22LY20WDMV35K0000	(SS,SV,SD,SM)CBF24LY25WDMV35K0000
(SS,SV,SD,SM)CBF14LY20WDMV40K0000	(SS,SV,SD,SM)CBF22LY20WDMV40K0000	(SS,SV,SD,SM)CBF24LY25WDMV40K0000
(SS,SV,SD,SM)CBF14LY20WDMV50K0000	(SS,SV,SD,SM)CBF22LY20WDMV50K0000	(SS,SV,SD,SM)CBF24LY25WDMV50K0000
(SS,SV,SD,SM)CBF14LY25WDMV30K0000	(SS,SV,SD,SM)CBF22LY25WDMV30K0000	(SS,SV,SD,SM)CBF24LY30WDMV30K0000
(SS,SV,SD,SM)CBF14LY25WDMV35K0000	(SS,SV,SD,SM)CBF22LY25WDMV35K0000	(SS,SV,SD,SM)CBF24LY30WDMV35K0000
(SS,SV,SD,SM)CBF14LY25WDMV40K0000	(SS,SV,SD,SM)CBF22LY25WDMV40K0000	(SS,SV,SD,SM)CBF24LY30WDMV40K0000
(SS,SV,SD,SM)CBF14LY25WDMV50K0000	(SS,SV,SD,SM)CBF22LY25WDMV50K0000	(SS,SV,SD,SM)CBF24LY30WDMV50K0000
(SS,SV,SD,SM)CBF14LY33WDMV30K0000	(SS,SV,SD,SM)CBF22LY33WDMV30K0000	(SS,SV,SD,SM)CBF24LY35WDMV30K0000
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