



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



ORDER INFORMATION

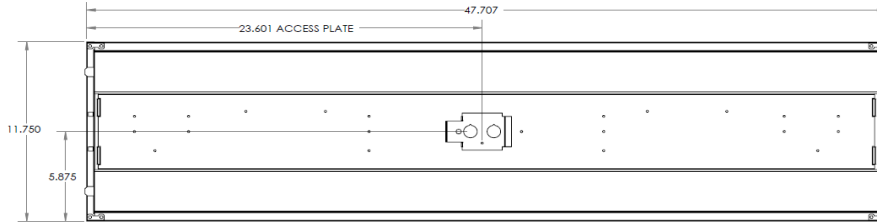
| SERIES | LENGTH | WATTAGE & LUMENS* | | DRIVER | COLOR | |
|--------|-------------|-----------------------|-----------------------|--------|--------------------------------|----------------------|
| CBF | 14L 12"x48" | Y15W | 15 Watts, 1950 Lumens | DMV | 0-10V Dimming | 30K 3000K 80 CRI |
| | | Y20W | 20 Watts, 2600 Lumens | D1MV | 0-10V Dimming dim to 1% | 35K 3500K 80 CRI |
| | | Y25W | 25 Watts, 3250 Lumens | G120 | ELV/Triac Dimming at 120V only | 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) | | |

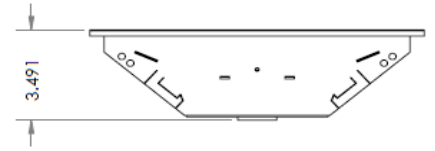
*Programmable LED drivers allow custom configured wattages and corresponding lumens.
NOTE: Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based environment or application. Specifications are subject to change without notice. We reserve the right 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

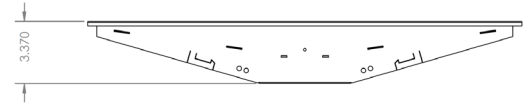
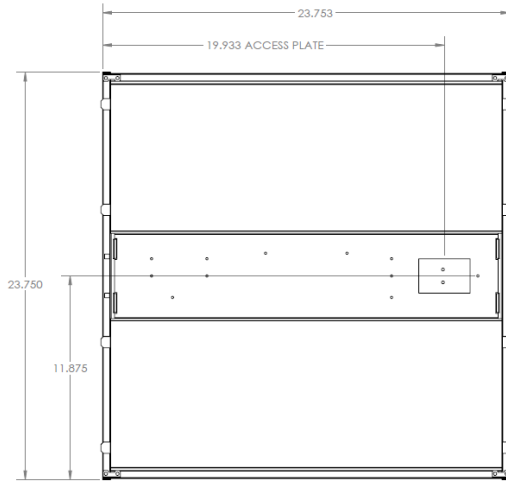
**Back
1x4**



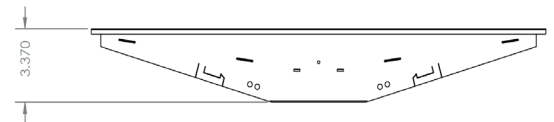
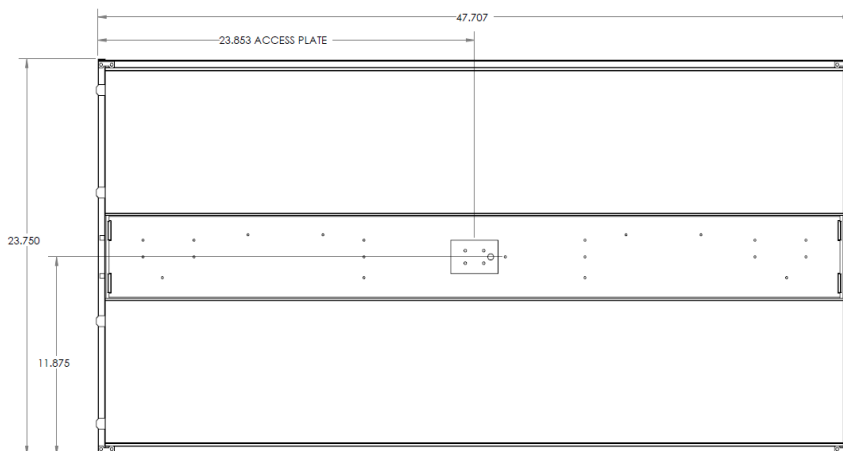
End



2x2



2x4



Replacement Lens Ordering Information

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

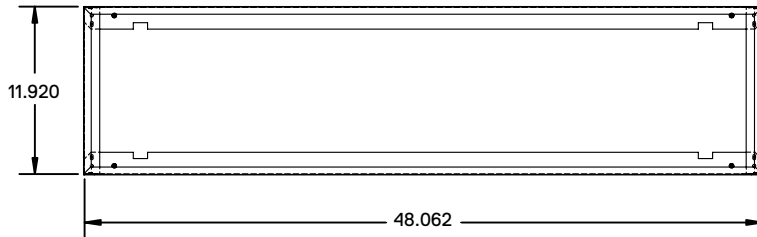
Series CBF

LED Volumetric Recessed
Luminaire

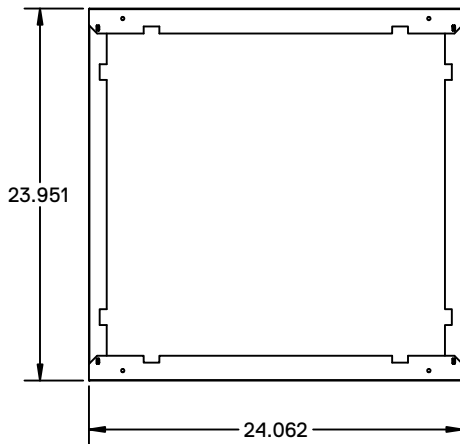


DRAWINGS & IMAGES - Shroud

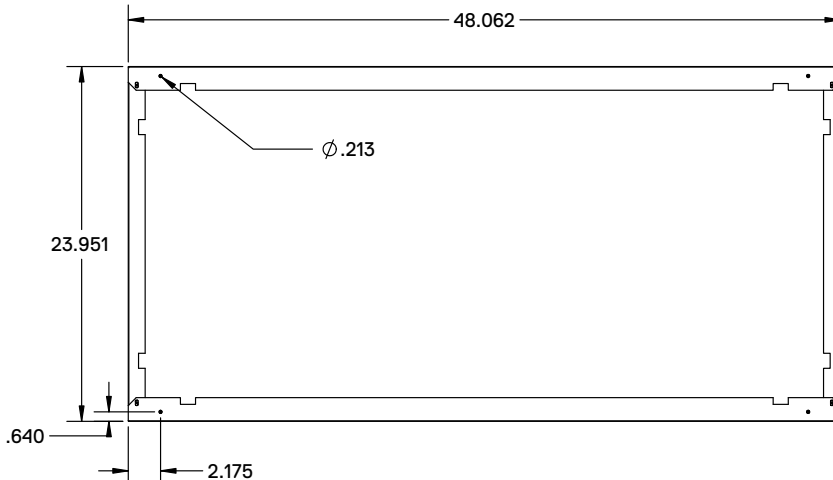
Back 1x4



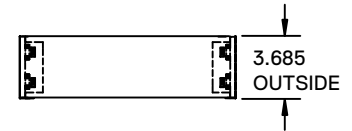
2x2



2x4



End

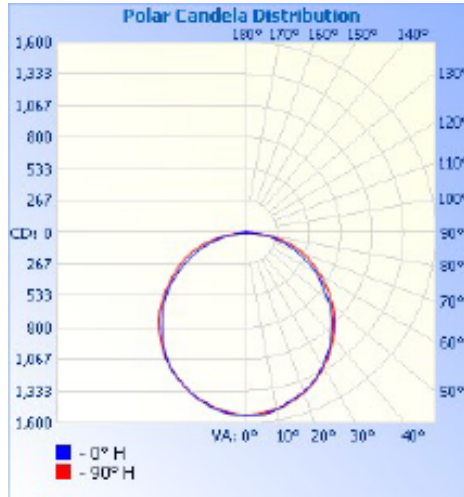


Surface Mount Ordering Information

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

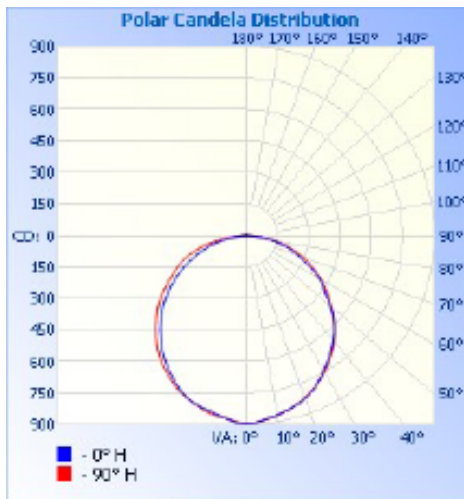
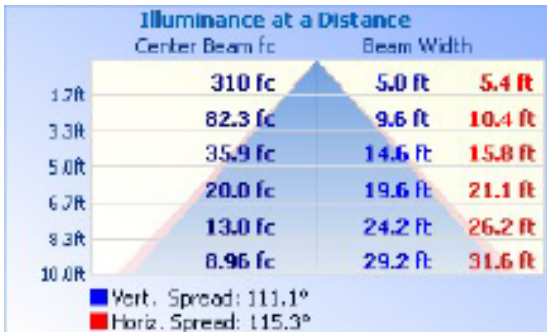
PHOTOMETRICS

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 |
| (SS,SV,SD,SM)CBF14LY33WDMV35K0000 | (SS,SV,SD,SM)CBF22LY33WDMV35K0000 | (SS,SV,SD,SM)CBF24LY35WDMV35K0000 |
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| (SS,SV,SD,SM)CBF14LY33WDMV50K0000 | (SS,SV,SD,SM)CBF22LY33WDMV50K0000 | (SS,SV,SD,SM)CBF24LY35WDMV50K0000 |
| | | (SS,SV,SD,SM)CBF24LY40WDMV30K0000 |
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