



Texas Fluorescents
Reinvented

CATALOG#: _____
PROJECT: _____
TYPE: _____

Series CRV

LED Center Diffuser with Dual Lit Curved Side Lenses

This specification grade Series CRV luminaire features a center diffuser. It provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed configurations. Reflected light from matte surfaces provides a softened “sky light” appearance in the modern office environment. A unique, dual lit curved lens with either center-perforated basket (PF) or linear ribbed diffuser (RL) offers a luminous housing with excellent visual comfort. Light reaches higher in the space to eliminate the “cave effect.”

CONSTRUCTION

Housing is die-formed and embossed code 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.

- One-piece enclosure is mounted to one piece doorframe
- Matte white reflective surfaces create soft, uniform light distribution



DIMENSIONS

- 2x2 - 24.0"L x 24.0"W x 4.0"H
- 2x4 - 48.0"L x 24.0"W x 4.0"H

FEATURES & BENEFITS

- Center section is flush with outer panels, eliminating the dirt and debris from collecting
- 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
- Multiple Kelvin temp options available (3000K, 3500K, 4000K, 5000K)
- Various lumen packages and wattages achievable through use of programmable drivers
- >50,000 hrs of L70 LED life
- CRI >80 (90 CRI avail.)
- 0-10 Volt Dimming 120-277V (120V ELV/TRIAC avail.)
- Power factor >0.90
- Emergency battery backup available
- 5 year warranty



ORDER INFORMATION

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

SERIES	LENS OPTIONS	SIZE	WATTAGE* & LUMENS*	DRIVER	COLOR**
CRV	PF Perforated basket with overlay	22L 2 x 2	J28W3500L 28 Watts 3500 Lumens	DMV 0-10V Dimming	30K 3000K 80 CRI
	RL Ribbed linear lens		J35W4200L 35 Watts 4200 Lumens	G120 ELV/TRIAC Dimming at 120V only	35K 3500K 80 CRI
		24L 2 x 4	J32W4000L 32 Watts 4000 Lumens	D1MV 0-10V Dimming dim to 1%	40K 4000K 80 CRI
			J48W6100L 48Watts 6100 Lumens		50K 5000K 80 CRI
			J57W7200L 57 Watts 7200 Lumens		930K 3000K 90 CRI
					935K 3500K 90 CRI
				940K 4000K 90 CRI	
				950K 5000K 90 CRI	

OPTIONS	
WP	6 ft. 3 wire 18 gauge whip
WP4	6 ft. 4 wire 18 gauge whip (non dimming EM)
WP5W	6 ft. 5 wire 18 gauge whip
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)
FIK2x2	2x2 Frame-in-kit
FIK2x4	2x4 Frame-in-kit

Note:

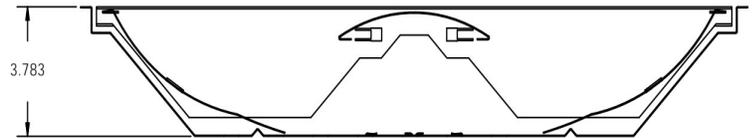
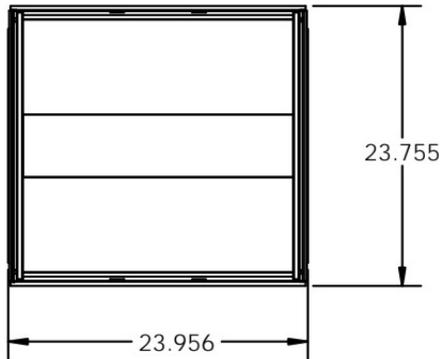
*Programmable LED drivers allow custom configured wattages and corresponding lumens.

** Consult factory for 90 CRI 5000K availability.

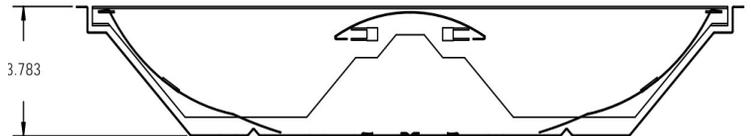
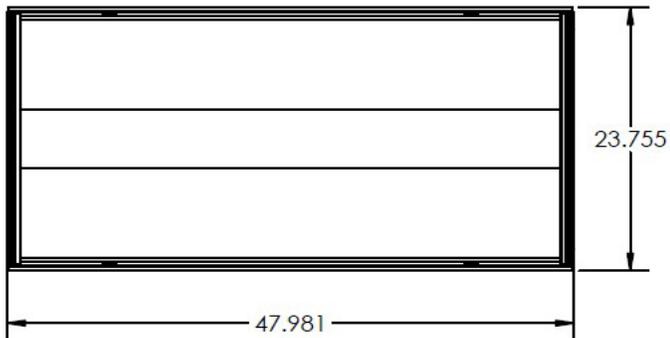
We reserve the right to change design, materials, LEDs and finish in any way that will not alter installed appearance or reduce function and performance.

DRAWINGS & IMAGES

2ft



4ft

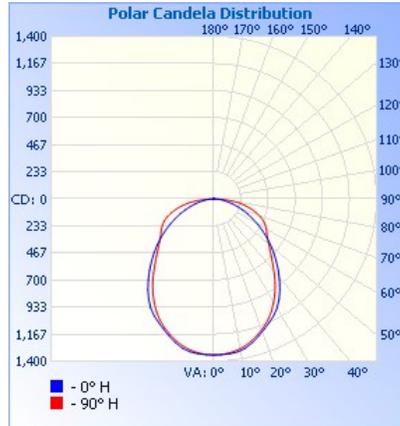


Replacement Lens Ordering Information

Series	Description
0CRV2x2	Replacement lens for 2x2
0CRV2x4	Replacement lens for 2x4

PHOTOMETRICS

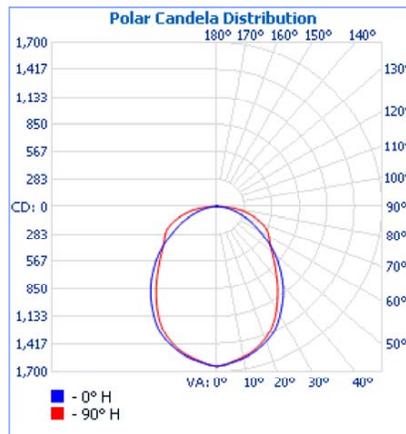
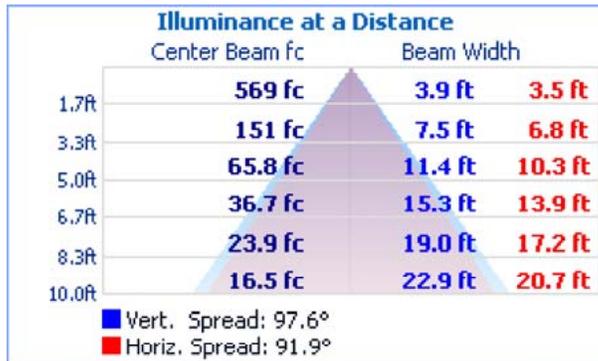
2X2- CRVRL22LJ28W3500LDMV40K



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,006.7	30.2%
0-40	1,592.4	47.8%
0-60	2,609.9	78.3%
60-90	720.7	21.6%
70-100	349.7	10.5%
90-120	1.3	0%
0-90	3,330.6	100%
90-180	1.4	0%
0-180	3,332.0	100%

2X4- CRVRL24LS32W3450LDMV40K



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,212.0	30.3%
0-40	1,913.0	47.9%
0-60	3,132.9	78.4%
60-90	861.7	21.6%
70-100	415.6	10.4%
90-120	1.6	0%
0-90	3,994.6	99.9%
90-180	2.5	0.1%
0-180	3,997.1	100%