



Texas Fluorescents  
Reinvented

CATALOG#: \_\_\_\_\_  
PROJECT: \_\_\_\_\_  
TYPE: \_\_\_\_\_

# Series 209

## LED Shallow Economy Wraparound

A shallow, economy designed, high efficiency, wraparound luminaire available in either two, four, or eight foot lengths. Low initial cost, maintenance free, this series also delivers excellent brightness control.

### CONSTRUCTION

Completely die formed from heavy gauge cold rolled steel. Design embossed ends are secured to the housing. Wireway cover snaps on or off without tools.

### DIFFUSERS

A crystal clear prismatic or frosted diffuser extruded from 100% virgin acrylic that will maintain its color under normal conditions, indefinitely. Linear prisms on the interior side walls direct the light ceilingwards, which can then refract back down, The bottom is composed of an evenly spaced pattern of conical prisms yielding glare free diffused light. Diffuser is lift and shift for ease of install and cleaning and can remain attached, hanging down from either side of the housing for simple two hand maintenance.

### MOUNTING

Suitable for individual or continuous run installations. May be surface or pendant mounted.

### TYPICAL OPTIONS & ACCESSORIES

Emergency battery backup and whips.



### DIMENSIONS

2ft. - 9.375"W x 24"L x 3.1"Dp  
4ft. - 9.375"W x 48"L x 3.1"Dp

### FEATURES & BENEFITS

- Available clear prismatic acrylic lens or frosted lens
- Delivers all around illumination
- Available in 2ft, 4ft, and 8ft.
- Ideal for kitchen, laundry rooms, garage or office
- Rated for dry and damp locations
- CRI >80 (Consult for 90 CRI options)
- >50,000 hrs of L70 LED life
- 0-10 Volt dimmable 120-277V (120 ELV/Triac avail)
- Power factor >0.90
- 5 year warranty





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### ORDER INFORMATION

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

SERIES	LENS MATERIAL	LENGTH	WATTAGE & LUMENS*		DRIVER	CCT/CRI			
209	A Prismatic Acrylic #12 Pattern	24L 24"	Y15W	15 Watts, 1950 Lumens	DMV 0-10V Dimming	30K	3000K		
			Y20W	20 Watts, 2600 Lumens			80 CRI		
			Y25W	25 Watts, 3250 Lumens			G120** ELV/Triac Dimming at 120V only	35K	3500K
			Y33W	33 Watts, 4290 Lumens				80 CRI	
	FR Frosted Prismatic Acrylic #12 Pattern	48L 48"	Y15W	15 Watts, 1950 Lumens	D1MV 0-10V Dimming (dim to 1%)	40K	4000K		
			Y20W	20 Watts, 2600 Lumens			80 CRI		
			Y25W	25 Watts, 3250 Lumens			50K	5000K	
			Y30W	30 Watts, 3900 Lumens				80 CRI	
			Y35W	35 Watts, 4550 Lumens				80 CRI	
			Y40W	40 Watts, 5200 Lumens					
			Y45W	45 Watts, 5850 Lumens					
			Y50W	50 Watts, 6500 Lumens					
		Y54W	54 Watts, 7020 Lumens						
		96L 48"	Y30W	30 Watts, 3900 Lumens					
			Y40W	40 Watts, 5200 Lumens					
			Y50W	50 Watts, 6500 Lumens					
			Y60W	60 Watts, 7800 Lumens					
			Y70W	70 Watts, 9100 Lumens					
			Y80W	80 Watts, 10400 Lumens					
			Y90W	90 Watts, 11700 Lumens					
Y100W	100 Watts, 13000 Lumens								
Y108W	108 Watts, 14040 Lumens								

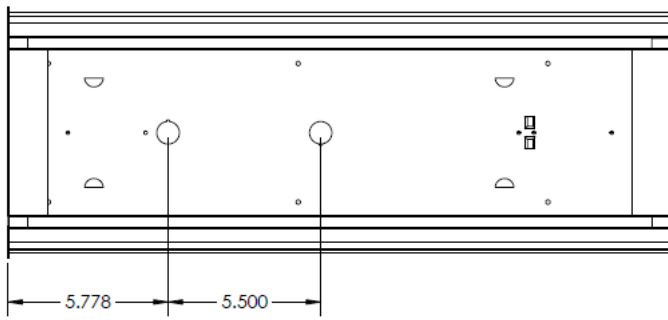
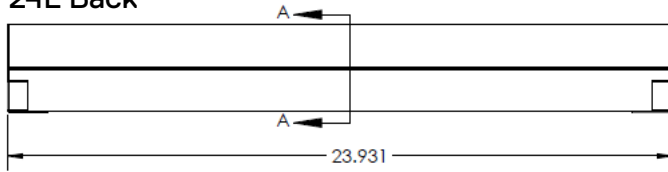
OPTIONS	
WP	6ft. 3 wire 18 gauge whip
WP4	6ft. 4 wire 18 gauge whip (non dimming EM)
WP5W	6ft. 5 wire 18 gauge whip
WP6W	6ft. 6 wire 18 gauge whip (dimming EM)
EM14***	14W emergency battery backup (4ft + 8ft only)
MDT4	On/Off external mount sensor
MDD4	Daylight/Dimming external mount sensor
MDB4	Bi-level external mount sensor
HC101	Chain kit w/20ft chain and (6) S Hooks
HC204	Chain kit w/(2) 10' chain and (2) Tong hangers
SCS24WH	(1) Stem white kit w/(1) 24" stem, 1 canopy, and mntg hardware for 4ft fixture
2SCS24WH	(2) Stems white kit w/(2) 24" stems, (2) canopies, and mntg hardware for 4ft fixture

**Note:**

- Consult factory for 90 CRI options and availability.
- \*Programmable LED drivers allow custom configured wattages and corresponding lumens.  
 \*\*Consult for availability with select wattage packages.  
 \*\*\*Consult for use in conjunction with G120 driver
- 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**

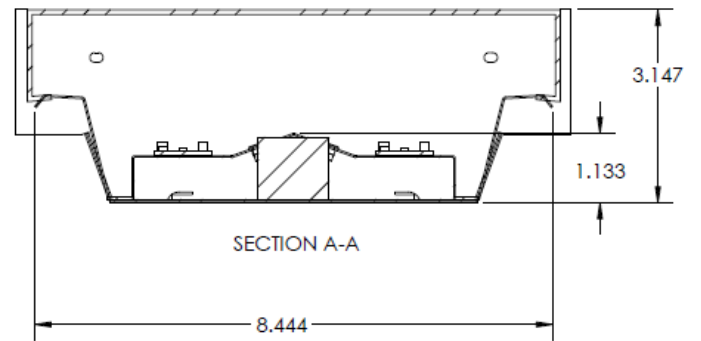
**24L Back**



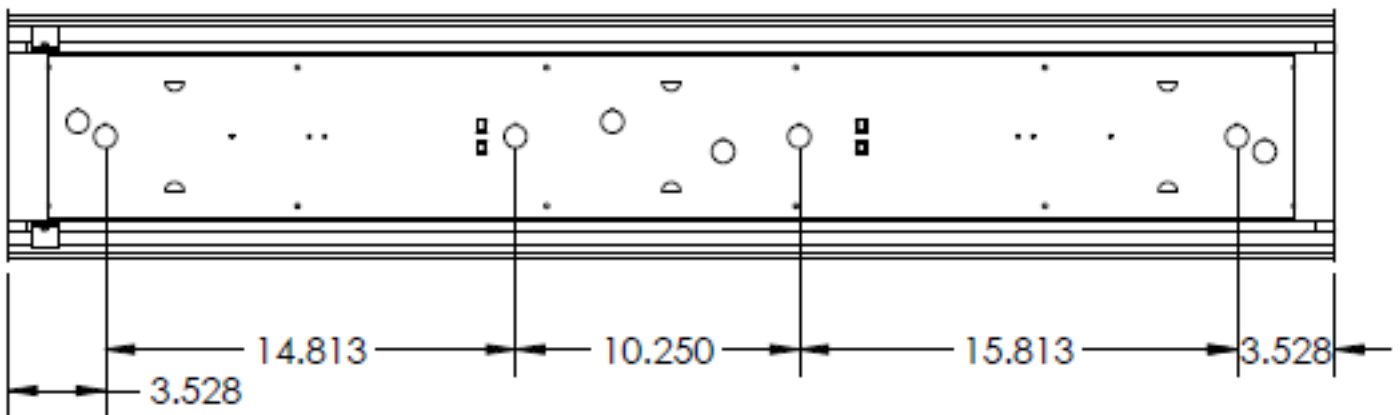
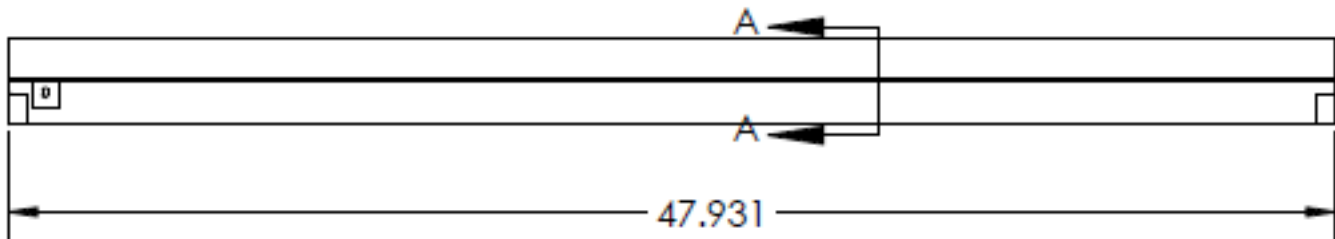
**Replacement Lens Ordering Information**

Series	Description
0209A24L	Replacement acrylic lens for 24L
0209A48L	Replacement acrylic lens for 48L
0209FR24L	Replacement frosted lens for 24L
0209FR48L	Replacement frosted lens for 48L

**End**

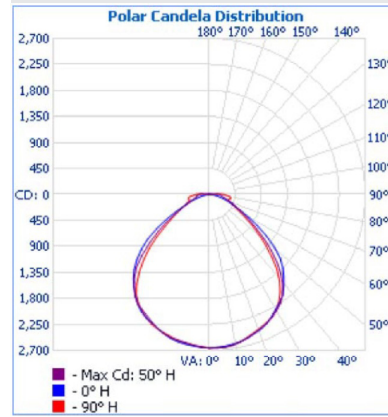
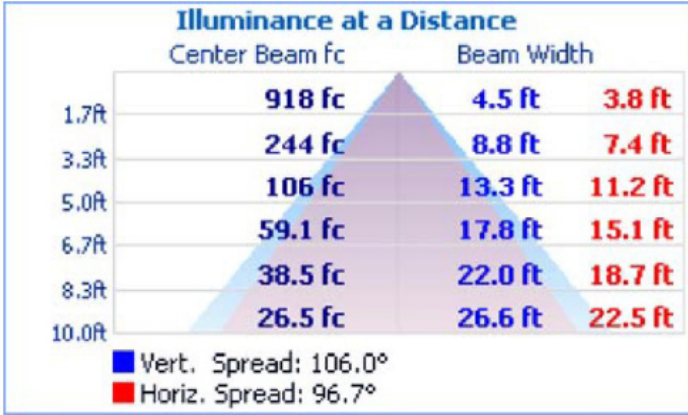


**48L Back**



### PHOTOMETRIC

#### 209FR48LF57W670LDMV40K



Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	2,090.0	31.1%
0-40	3,445.0	51.3%
0-60	5,676.5	84.6%
60-90	981.8	14.6%
70-100	528.0	7.9%
90-120	54.6	0.8%
0-90	6,658.3	99.2%
90-180	54.6	0.8%
0-180	6,712.9	100%

**DLC LISTED**



Item Number - 2ft	Item Number - 4ft	Item Number - 8ft
209A24LF12W1600LDMV30K	209A48LF23W2650LDMV30K	209A96LY100WDMV30K0000
209A24LF12W1600LDMV35K	209A48LF23W2650LDMV35K	209A96LY100WDMV35K0000
209A24LF12W1600LDMV40K	209A48LF23W2650LDMV40K	209A96LY100WDMV40K0000
209A24LF12W1600LDMV50K	209A48LF23W2650LDMV50K	209A96LY100WDMV50K0000
209A24LF18W2400LDMV30K	209A48LF32W3450LDMV30K	209A96LY108WDMV30K0000
209A24LF18W2400LDMV35K	209A48LF32W3450LDMV35K	209A96LY108WDMV35K0000
209A24LF18W2400LDMV40K	209A48LF32W3450LDMV40K	209A96LY108WDMV40K0000
209A24LF18W2400LDMV50K	209A48LF32W3450LDMV50K	209A96LY108WDMV50K0000
209A24LF24W3100LDMV30K	209A48LF48W4800LDMV30K	209A96LY30WDMV30K0000
209A24LF24W3100LDMV35K	209A48LF57W5400LDMV30K	209A96LY30WDMV35K0000
209A24LF24W3100LDMV40K	209A48LY15WDMV30K0000	209A96LY30WDMV40K0000
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