



Texas Fluorescents
Reinvented

CATALOG#: _____
PROJECT: _____
TYPE: _____

Series VLT

Recessed Linear LED Luminaire with Dual Concave Lenses

The VLT dual concave-lensed LED luminaire offers excellent illumination. With its subtle, soft direct elements, it provides visual interest and depth across the ceiling plane – all with a contemporary look that integrates well with today’s commercial spaces.

The frosted acrylic lens provides a low brightness glow for excellent light transmission/diffusion while effectively obscuring the individual LEDs on the array.

Ideal for recessed commercial applications such as office spaces, hospitals, schools, etc. Suitable for use in standard 15/16” inverted T-bar grid ceilings.

CONSTRUCTION

Low profile troffer body with white enamel finish and sloped side members. High reflectance optical engine delivers main beam focus through the optically designed acrylic lens. Pre-painted white polyester polymer with minimum 82% reflectivity.

DIFFUSERS

Lumieo® acrylic linear ribbed diffuser balances efficiency and aesthetics.



DIMENSIONS

2x2 - 23.8"L x 23.8"W x 3.75"H
2x4 - 23.8"L x 47.8"W x 3.75"H

FEATURES & BENEFITS

- For recessed mounting in standard 15/16” inverted T-grid ceilings; Can also be surface mounted
- Frosted acrylic lens diffuses light while effectively obscuring the individual LEDs on the arrays
- Soft, effective task lighting for commercial or residential areas
- CRI >80 (90 CRI avail)
- >50,000 hrs of L70 LED life
- 0-10 Volt dimmable 120-277V (120 ELV/TRIAC avail)
- Power factor >0.90
- IC Rated for dry and damp locations
- 5 year warranty
- Multiple Lumen Packages and Kelvin Temperatures available





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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	LENGTH	W		L		DRIVER		COLOR	
		WATTAGE* & LUMENS*							
VLT Recessed for T-Grid Ceiling	22L 2x2	J24W2500L	24 Watts	2500 Lumens	DMV	0-10V Dimming		30K	3000K
		J36W3700L	36 Watts	3700 Lumens		G120	ELV/TRIAC dimming at 120V only (only available with SS sensor)		35K
SHVLT Surface mount with a Shroud	24L 2x4	J48W5500L	48 Watts	5500 Lumens	D1MV	0-10V Dimming (dim to 1%)		40K	4000K
		J52W6000L	52 Watts	6000 Lumens		DMV(xx)	0-10V Dimming (xx) for percentage of light output when not occupied. (required for SV sensor)		50K

CRI**		MOUNTING			
Blank	80 CRI	WP	6 ft. 3 wire 18 gauge whip	FIK2x2	2x2 Frame-in-kit
90	90 CRI	WP4	6 ft. 4 wire 18 gauge whip (non dimming EM)	FIK2x4	2x4 Frame-in-kit
		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)		

Note:

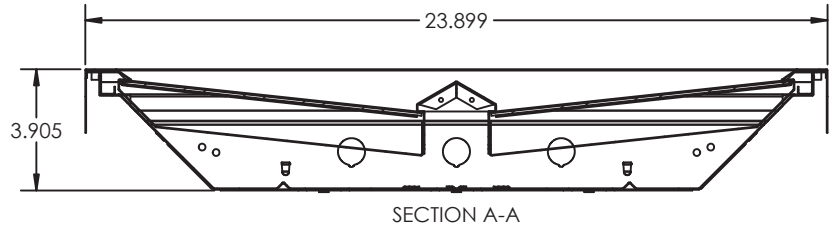
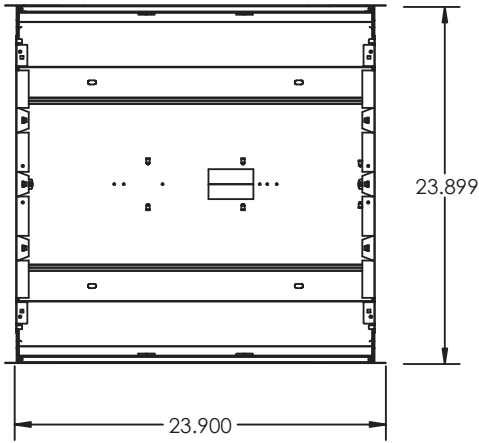
*Programmable LED drivers allow custom configured wattages and corresponding lumens.

** Consult factory for 90CRI 5000K availability

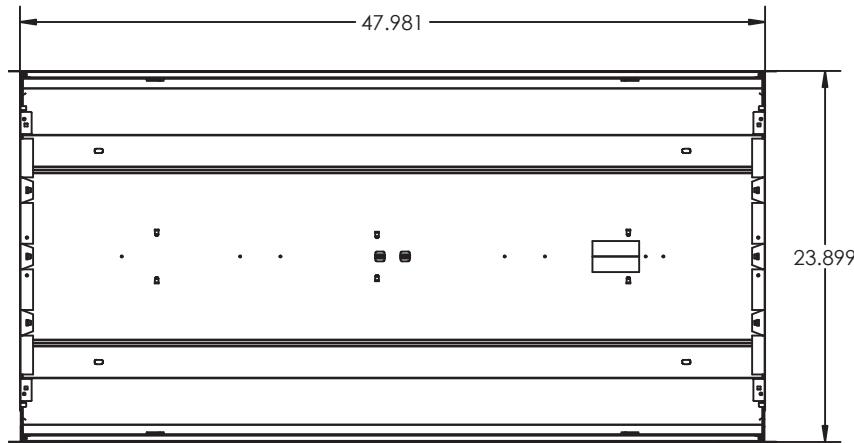
We reserve the right to change design, materials, LEDs and finish in any way that will not alter installed appearance or reduce function and performance.

DRAWINGS & IMAGES

2' x 2'



2' x 4'

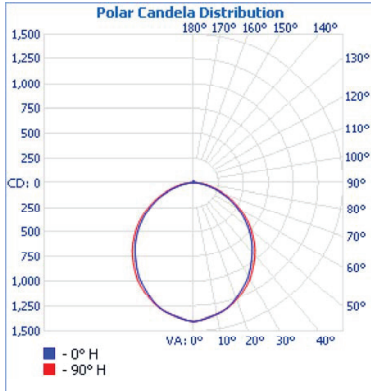


**REPLACEMENT LENS
ORDERING INFORMATION**

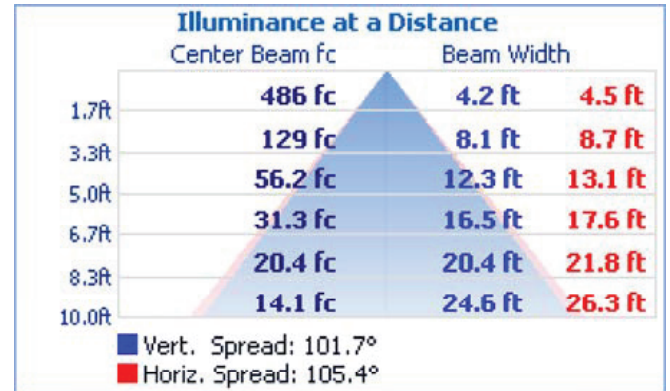
PART NO.	DESCRIPTION
0VLT2x2	Replacement lens for 2x2
0VLT2x4	Replacement lens for 2x4

PHOTOMETRIC

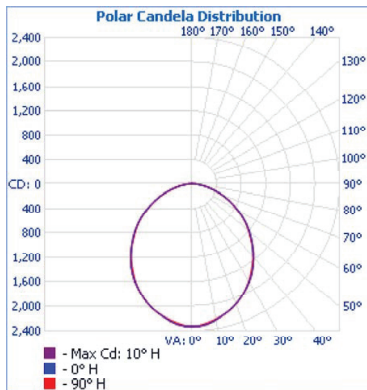
2' x 2' - VLT22LJ36W3700LDMV40K



Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,050.4	28.7%
0-40	1,696.8	46.3%
0-60	2,923.0	79.8%
60-90	725.7	19.8%
70-100	303.1	8.3%
90-120	5.8	0.2%
0-90	3,648.7	99.6%
90-180	15.5	0.4%
0-180	3,664.3	100%



2' x 4' - VLT24LJ52W6000LDMV40K



Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,741.2	29.1%
0-40	2,803.1	46.9%
0-60	4,793.7	80.2%
60-90	1,163.5	19.5%
70-100	484.1	8.1%
90-120	7.5	0.1%
0-90	5,957.3	99.6%
90-180	23.6	0.4%
0-180	5,980.9	100%

