

# VLT Series

2x2/2x4 LED Troffer

## FEATURES & SPECIFICATIONS

### INTENDED USE

The VLT offers excellent luminaire - subtle soft direct elements, interest and depth across the ceiling plane - with a contemporary look that blends with today's commercial spaces.

The extruded acrylic lens with softening overlay provides a low brightness glow, with the effective combination of excellent light transmission and effective lamp obscuration.

### APPLICATIONS

For recessed commercial applications such as offices, hospitals, schools, etc. Suitable for use in standard 15/16" inverted T-bar grid ceilings.

### FEATURES

- High reflectance optical engine delivers main beam focus through the optically designed acrylic lens
- Linear ribbed acrylic lens with Lumieo overlay manages the balance of efficiency and aesthetics
- Reflector distributes light through both optical elements
- Linear arrayed LED modules provide soft, but effective illumination

### SPECIFICATIONS

#### HOUSING

Low Profile body with matte white sloped side members

#### DIRECT OPTICAL COMPONENT

High reflectance optical engine

#### DIFFUSER SURROUND

Linear ribbed acrylic lens with Lumieo

#### REFLECTOR

High reflectance white reflector


#### LUMINAIRE TYPE


Recessed troffer fixture body assembly 2'x2' and 2'x4' size

#### LIGHT SOURCE

-LED light engine includes 50 chip board and matched driver from LG Innotek



Item Number	Dimensions (LxWxH)	Lamping
VLT22L36W3200LDMV40K	23.8" x 23.8" x 2.9"	100 LEDs, 35.6W, 3228 Lumens, 4000K
 VLT24L52W5100LDMV40K*	23.8" x 47.8" x 2.9"	200 LEDs, 52W, 5125 Lumens, 4000K

 \* Marked item is DLC only

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Rev. 8/30/12

Catalog Number:

Notes:

# VLT Series

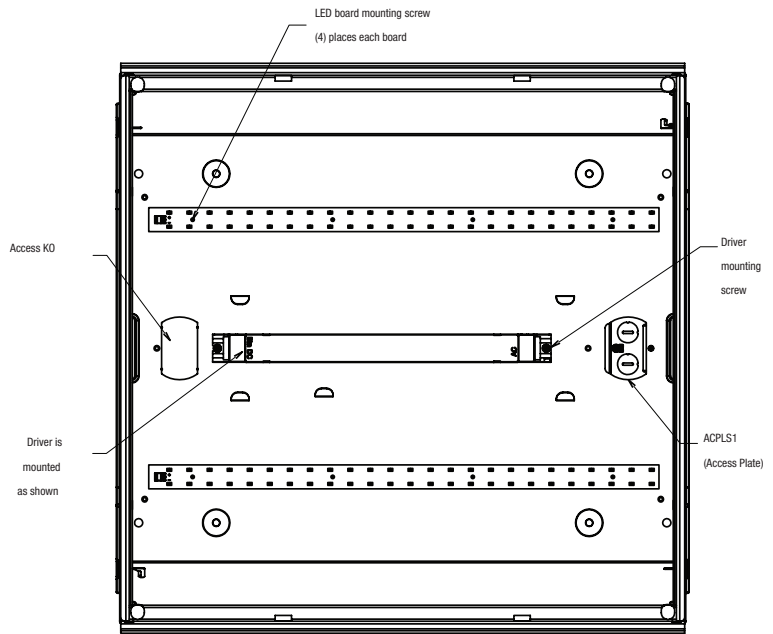
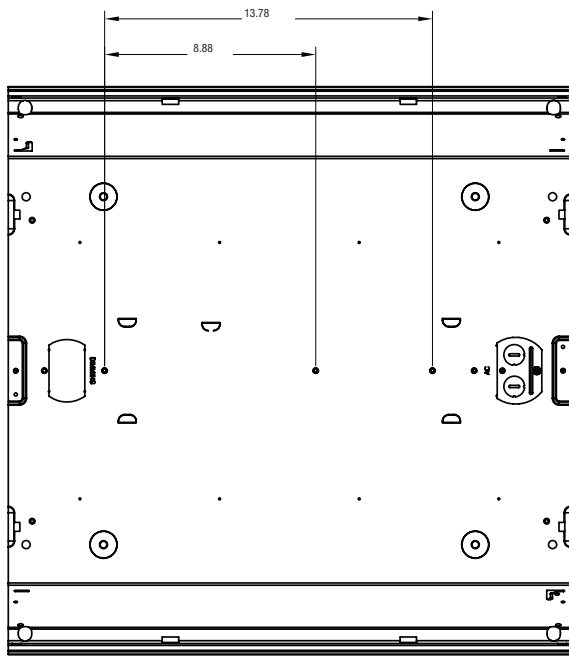
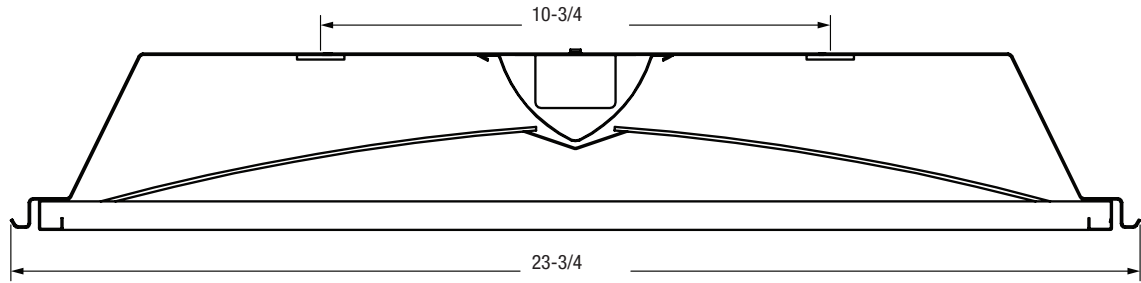
2x2/2x4 LED/FLUOR



TEXAS

FLUORESCENTS

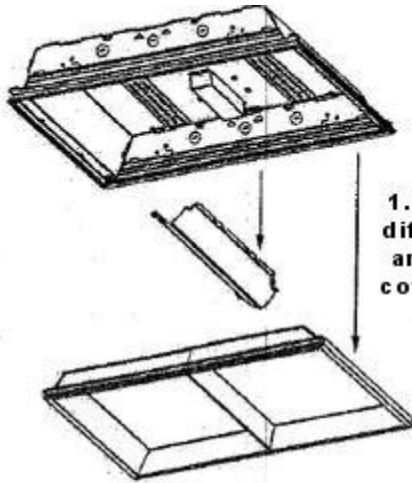
## END PROFILE



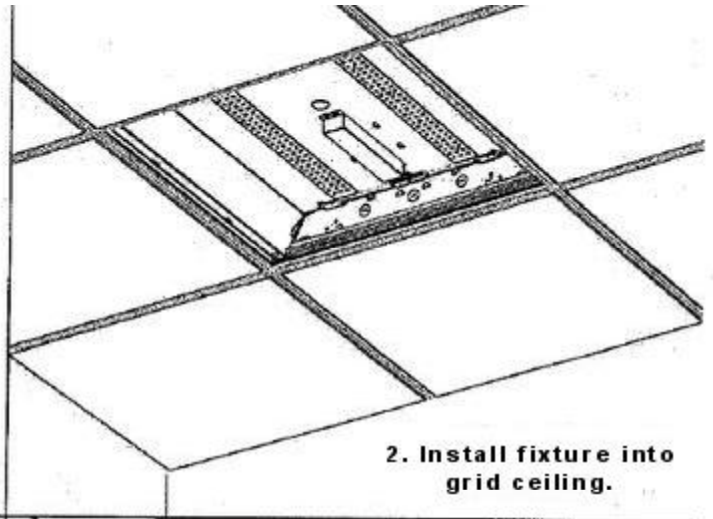
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## LED Recessed 2' x 2' Troffer Installation Instructions

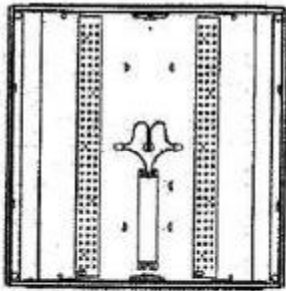


**1. Remove louver/  
diffuser assembly  
and center driver  
cover from fixture.**

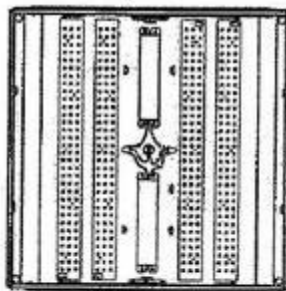


**2. Install fixture into  
grid ceiling.**

**Make sure power is turned off at the source  
to the troffer housing.**

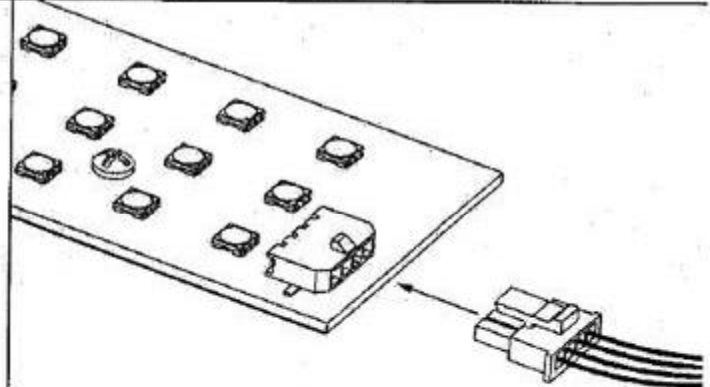


**2 boards**

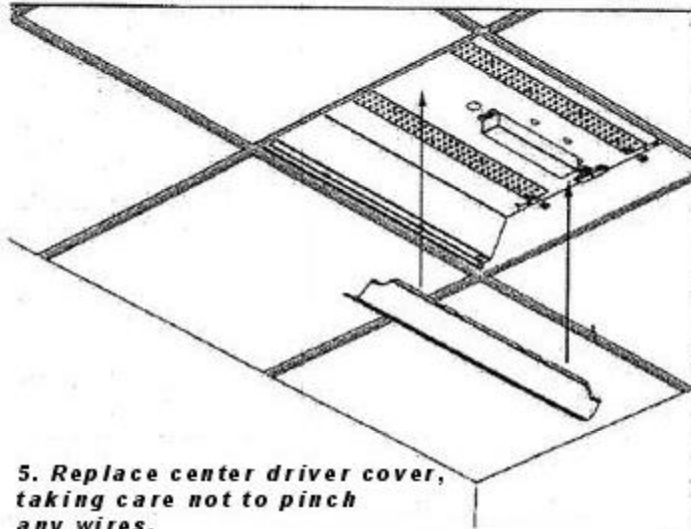


**4 boards**

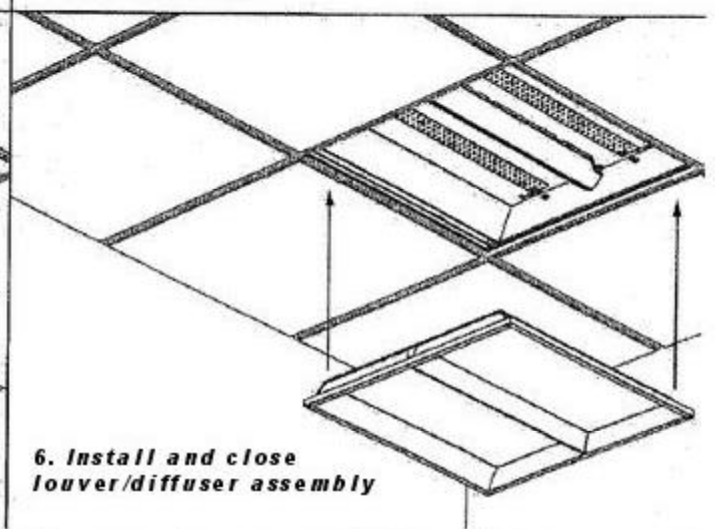
**3. Bring electric power cord in through back of  
fixture. Using wire nuts, connect cord leads to  
LED driver input wires (black/white). Driver  
can be connected to 120-277V AC input.**



**4. Ensure all microconnectors are attached  
to LED circuit boards.**



**5. Replace center driver cover,  
taking care not to pinch  
any wires.**



**6. Install and close  
louver/diffuser assembly**

**7. Restore power to fixture at fuse or circuit breaker.**

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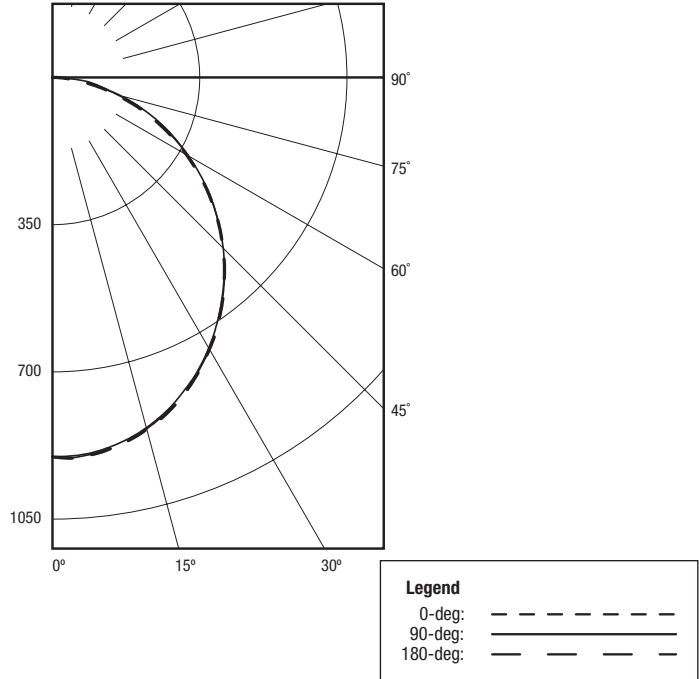
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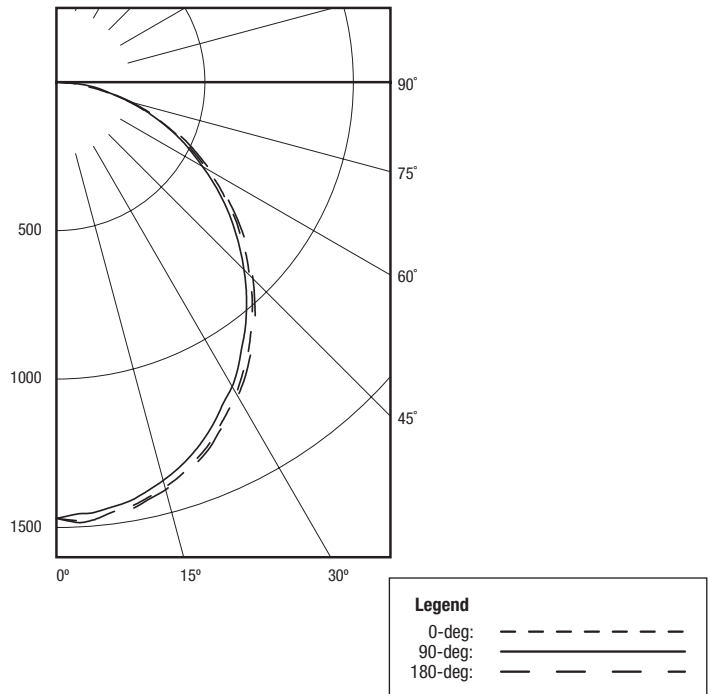
## LED light source and luminaire specifications

VLT LED Troffer		
Specification	2'x2'	2'x4'
Input Wattage	35.6	52
Delivered Lumens (lms)	3228	5125
Efficacy (LpW)	90.7	98.6
Color Rendering Index (CRI)	84.3	84.4
Color Temperature (CCT) k	3500, 4000	3500, 4000
Minimum Ambient Temp (°F)	-4	-4
Maximum Ambient Temp (°F)	158	158
Dimming	0-10v	0-10v
Rated Life (L70)	50000	50000
Warranty	5 years	5 years
Voltage (V)	120-277v	120-277v
Operating Frequency (Hz)	50/60	50/60
UL	Yes	Yes
FCC	Compliant	Compliant

### VLT 2x2 LG IT



### VLT 2x4 LG IT



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