



Texas Fluorescents  
Reinvented

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

# LASER PANELS

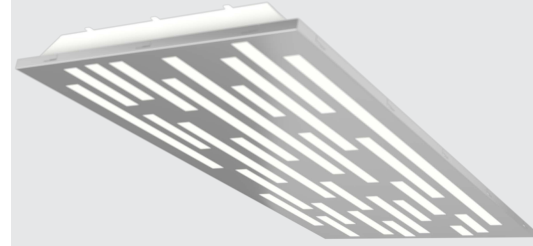
## Architectural LED Backlit Ceiling Tiles

Laser Panel Architectural Ceiling Tiles can elevate a space within a matter of minutes. Seamless patterns can be installed across large ceilings or down long hallways to create upscale installations. A revolution in grid lighting, standard sizing makes it easy to replace traditional flat panels. Choose from a multitude of patterns to revitalize office or retail spaces.

An LED flat panel provides energy efficient illumination behind a uniquely designed laser-cut fascia. Flush and regressed fascia available. These panels are ultra-versatile, easily select color temperature and wattage directly on the fixture using the 3 position switch. Available in 5 standard patterns, customs designs are available by consult.

### CONSTRUCTION

Housing is laser cut, die-formed and embossed from 22 gauge powder coated cold-rolled steel with custom colors available. Frame is designed to lay flat on standard T-bar grid rails.



### FIXTURE DIMENSIONS

- 24X24L: 23.875"W x 23.875"L x 4"H
- 12X24L: 11.875"W x 23.875"L x 4"H
- 24X48L: 2.875"W x 47.875"W x 4"H

### SPECIFICATIONS

- 3 standard sizes – 2ft x 2ft, 1ft x 4ft, and 2ft x 4ft
- 5 standard patterns with custom patterns available
- Recessed mount for grid ceiling
- Flush and regressed fascia options
- Multiple wattage/lumen options available via 3-position switch
- Multiple Kelvin temperature options (3500K, 4000K, 5000K) available via 3-position switch
- Emergency battery backup options available
- CRI >80
- >50,000 hrs of L70 LED life
- Rated for dry and damp locations
- 0-10 Volt dimmable 120-277V (120V ELV/TRIAC avail)
- Power factor >0.90
- 5 year warranty



## ORDERING GUIDE

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

Sample Part Number: ICF-FR-22-L-30M-DMV-BK-MCT-02

| SERIES | CONFIGURATION |                  | DIFFUSER |         | WIDTH X LENGTH |             | WATTAGE & LUMENS* <sup>1</sup> |   |
|--------|---------------|------------------|----------|---------|----------------|-------------|--------------------------------|---|
| ICF    | Blank         | Flush Fascia     | FR       | Frosted | 22L            | 24"W x 24"L | 30M                            | Defaulted 30 Watts / 2334 Lumens<br>20 Watts / 1600 Lumens* <sup>3</sup> ,<br>30 Watts / 2300 Lumens,<br>40 Watts / 2800 Lumens options<br>on a 3-positions switch. |
|        |               |                  |          |         | 24L            | 24"W x 48"L |                                |   |
|        | R             | Regressed Fascia |          |         | 14L            | 12"W x 48"L | 30M                            | Defaulted 30 Watts / 2994 Lumens<br>20 Watts / 2300 Lumens,<br>30 Watts / 3000 Lumens,<br>40 Watts / 3600 Lumens options<br>on a 3-positions switch.                |

| DRIVER |                  | FINISH <sup>2</sup> |       | CCT |  | PATTERN |           |
|--------|------------------|---------------------|-------|-----|--|---------|-----------|
| DMV    | 0-10V<br>Dimming | WH                  | White | MCT | Multiple Color Temperature<br>3500K, 4000K, 5000K on<br>a 3-positions switch | 01      | Strips    |
|        |                  |                     |       |     |  | 02      | Squares   |
|        |                  |                     |       |     |  | 03      | Bubbles   |
|        |                  |                     |       |     |  | 06      | Slots     |
|        |                  |                     |       |     |  | 07      | Slots 1.0 |

Note:

1. Other patterns will reduce lumen output. Consult factory for more information on percentage output lost for desired pattern.
2. Standard fascia finish is White. Please consult factory for more information and pricing on custom color options.
3. Lumens listed are an average of the 5 standard patterns shown on page 5 at 40K. See page 3 for detailed lumen outputs. Custom patterns require design and drawing signoff. Consult factory for more information.

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.



Texas Fluorescents  
Reinvented

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

**LASER PANELS**

Architectural LED Backlit  
Ceiling Tiles

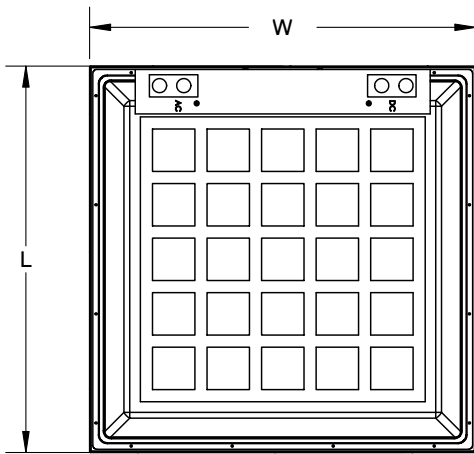
**DETAILED LUMEN OUTPUT VALUES**

| 1x4     |         |        | 2x2     |         |         | 2x4     |         |        |
|---------|---------|--------|---------|---------|---------|---------|---------|--------|
| PATTERN | WATTAGE | LUMENS | PATTERN | WATTAGE | LUMENS  | PATTERN | WATTAGE | LUMENS |
| 01      | 20W     | 1,596  | 01      | 20W     | 1,733   | 01      | 30W     | 2,144  |
| 02      | 20W     | 1,470  | 02      | 20W     | 1,631   | 02      | 30W     | 2,284  |
| 03      | 20W     | 1,734  | 03      | 20W     | 1,776   | 03      | 30W     | 2,406  |
| 06      | 20W     | 1,675  | 06      | 20W     | 1,733   | 06      | 30W     | 2,433  |
| 07      | 20W     | 1,658  | 07      | 20W     | 1,691.0 | 07      | 30W     | 2,314  |
| 01      | 30W     | 2,247  | 01      | 30W     | 2,458   | 01      | 40W     | 2,787  |
| 02      | 30W     | 2,108  | 02      | 30W     | 2,338   | 02      | 40W     | 2,902  |
| 03      | 30W     | 2,440  | 03      | 30W     | 2,488   | 03      | 40W     | 3,099  |
| 06      | 30W     | 2,453  | 06      | 30W     | 2,476   | 06      | 40W     | 3,208  |
| 07      | 30W     | 2,421  | 07      | 30W     | 2,507   | 07      | 40W     | 2,973  |
| 01      | 40W     | 2,659  | 01      | 40W     | 3,101   | 01      | 50W     | 3,467  |
| 02      | 40W     | 2,517  | 02      | 40W     | 2,911   | 02      | 50W     | 3,543  |
| 03      | 40W     | 2,949  | 03      | 40W     | 3,125   | 03      | 50W     | 3,751  |
| 06      | 40W     | 2,922  | 06      | 40W     | 3,086   | 06      | 50W     | 3,807  |
| 07      | 40W     | 3,115  | 07      | 40W     | 3,271   | 07      | 50W     | 3,665  |

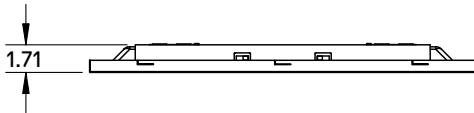
## PRODUCT DIMENSIONS

### Laser Panel Configuration

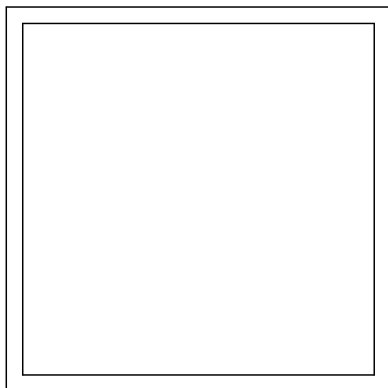
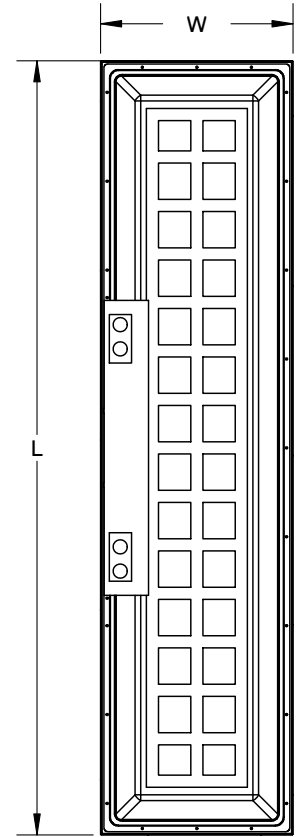
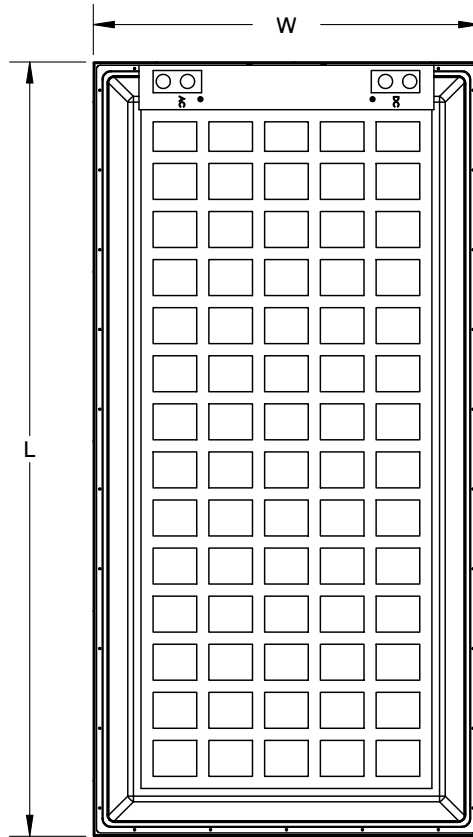
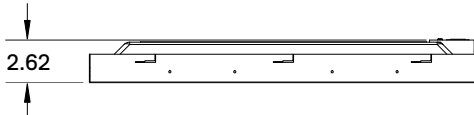
| Sample Part Number     | W          | L          |
|------------------------|------------|------------|
| ICFFR22L30MDMVWHMCT-02 | 23.875 in. | 23.875 in. |
| ICFFR24L40MDMVWHMCT-02 | 23.875 in. | 47.875 in. |
| ICFFR14L30MDMVWHMCT-02 | 11.875 in. | 47.875 in. |



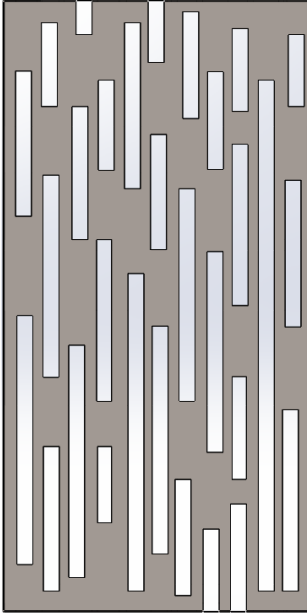
Laser Panel Flush Configuration



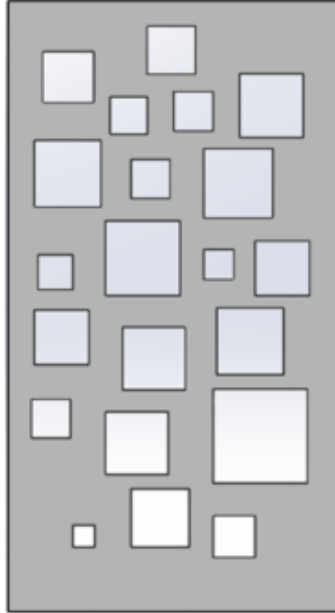
Laser Panel Regressed Configuration



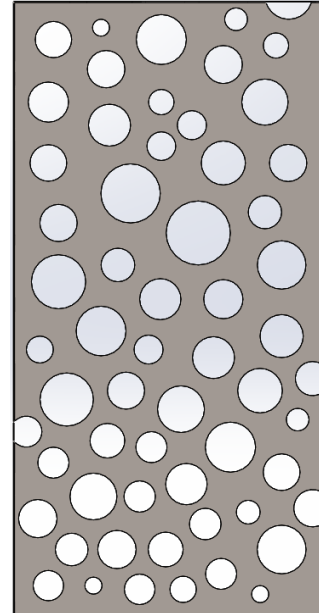
**Standard Pattern Options**



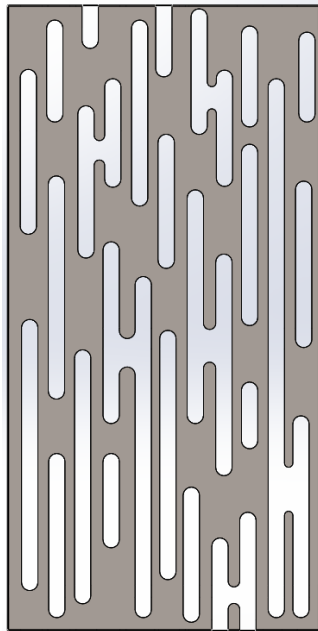
01 - Strips



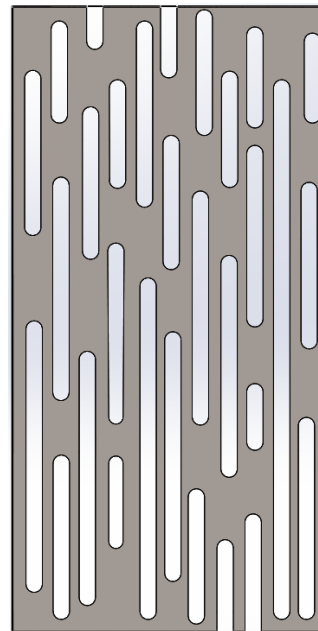
02 - Squares



03 - Bubbles



06 - Slots



07 - Slots 1.0