

LASER PANELS

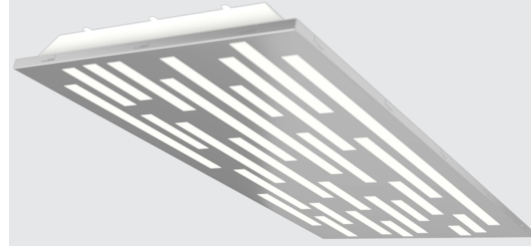
Architectural LED Backlit Ceiling Tiles

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
- 2x2 and 1x4 offered in 20W, 30W and 40W; 2x4 offered in 30W, 40W and 50W options available via 3-position switch
- Multiple Kelvin temperature options (3000K, 3500K, 4000K, 5000K) available via 4-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 ^{1,3}	
ICF	Blank	Flush Fascia	FR	Frosted	22L	24"W x 24"L	40M	Defaulted 40 Watts / 2800 Lumens, 20 Watts / 1600 Lumens, 30 Watts / 2300 Lumens, 40 Watts / 2800 Lumens options on a 3-positions switch.
	R	Regressed Fascia			24L	24"W x 48"L	50M	Defaulted 50 Watts / 3100 Lumens 30 Watts / 1700 Lumens, 40 Watts / 2400 Lumens, 50 Watts / 3100 Lumens options on a 3-positions switch.
					14L	12"W x 48"L	40M	Defaulted 40 Watts / 3600 Lumens 20 Watts / 2300 Lumens, 30 Watts / 3000 Lumens, 40 Watts / 3600 Lumens options on a 3-positions switch.

DRIVER		FINISH ²		CCT		PATTERN ¹	
DMV	0-10V Dimming	WH	White	MCT4	Multiple Color Temperature 3000K, 3500K, 4000K, 5000K on a 4-positions switch	<u>Elements</u>	
						01	Strips
						02	Squares
						03	Bubbles
						06	Slots
						07	Slots 1.0
						<u>Brilliance</u>	
						L1	Twin Circles
						L2	Twin Squares
						<u>Bands</u>	
						BL1	1 Band (Pair)
						BL2	2 Band (Pair)
						BL3	3 Band (Pair)

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.

CATALOG#:

PROJECT:

TYPE:

LASER PANELS

Architectural LED Backlit
Ceiling Tiles

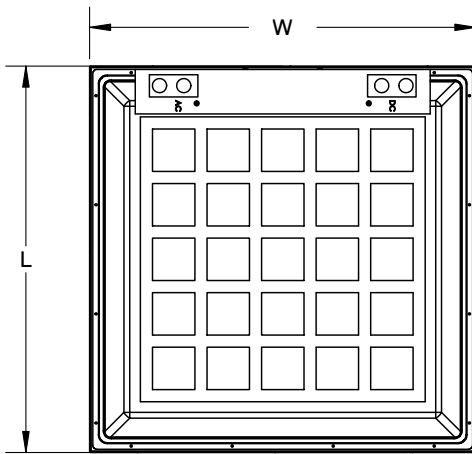
DETAILED LUMEN OUTPUT VALUES

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

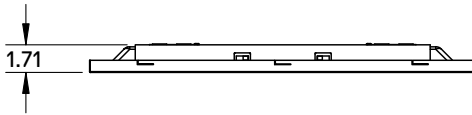
PRODUCT DIMENSIONS

Laser Panel Configuration

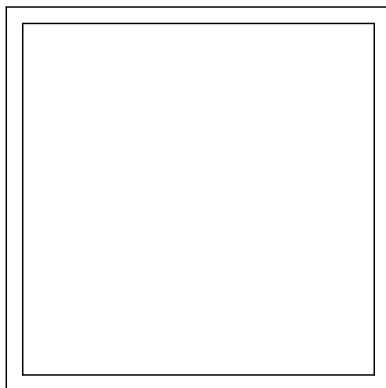
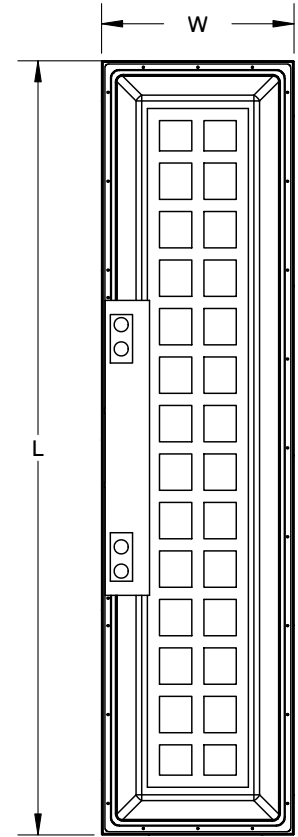
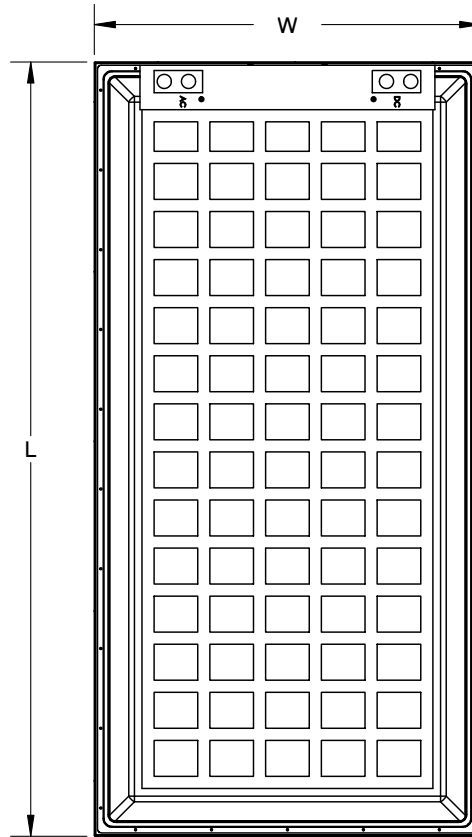
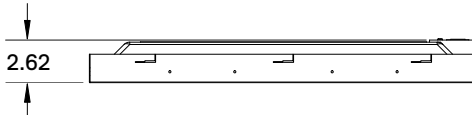
Sample Part Number	W	L
ICFFR22L30MDMVWHMCT-02	23.875 in.	23.875 in.
ICFFR24L40MDMVWHMCT-02	23.875 in.	47.875 in.
ICFFR14L30MDMVWHMCT-02	11.875 in.	47.875 in.



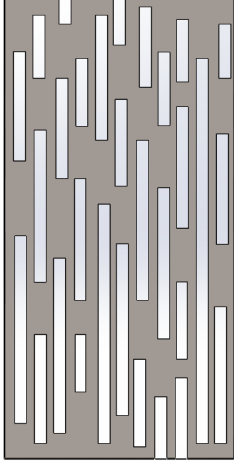
Laser Panel Flush Configuration



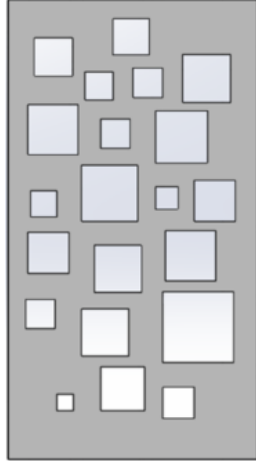
Laser Panel Regressed Configuration



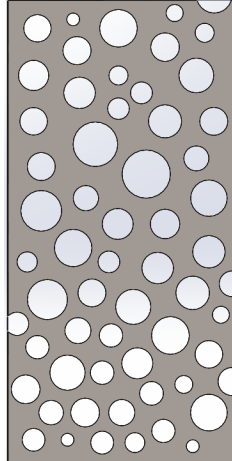
Elements Pattern Options



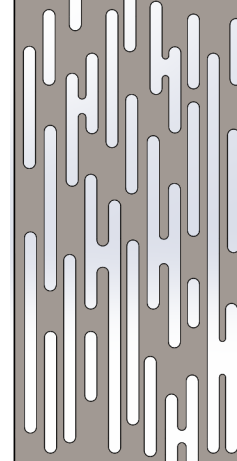
01 - Strips



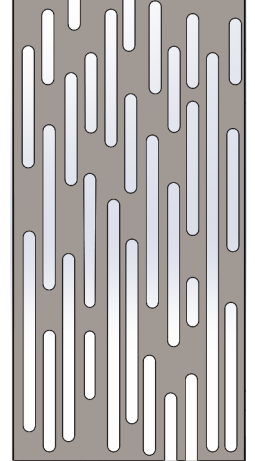
02 - Squares



03 - Bubbles

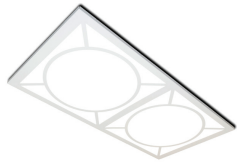


06 - Slots



07 - Slots 1.0

Brilliance Pattern Options



L1 - Twin Circles



L2 - Twin Squares

Band Pattern Options



BL1 - 1 Band (Pair)



BL2 - 2 Band (Pair)



BL3 - 3 Band (Pair)