fusion SYNERGY
specification sheet

Fusion LED Walls
(high impact and light weight)

Specified Item #	
Project	
Location	

The concept of creating 3D LED lit texture that can be applied to flat walls is one that has always fascinated us because flat walls are plainly boring. In this respect the current trend of enhancing interior environments in restaurants, clubs and hotels with a wide articulation of textures is testimony to the sea of change that is impacting interior design. Designers are now focused in creating surroundings that envelope the consumer in a wide array of illuminated textures to overwhelm the senses. Our products range includes LED Wall & Ceiling Panels, Art Decorative Wall Panels, Textured Relief Wall Panels and Architectural Wall Moldings.

CUSTOM PATTERNS AVAILABLE, PLEASE CONTACT US. INFORMATION ON LIGHTING SYSTEM AND CONTROLLER CALL US AT: 407-637-7260

Width 24"
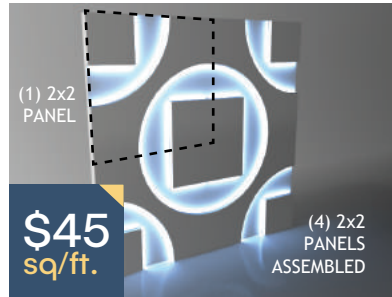Depth 1.25"
Height 24"
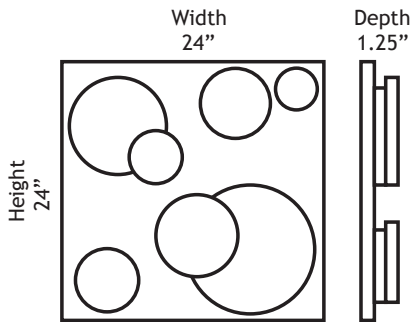
Tile (24" x 24")

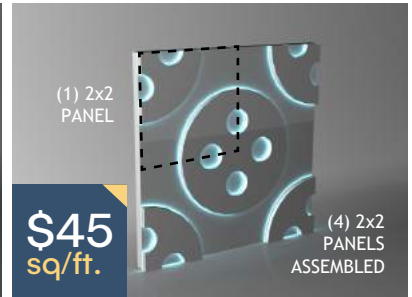|	
Material:	Fusion light weight panel
Color:	White (Paintable)
Dimensions:	24" width x 24" height x 1.25" depth
Weight:	10-15 lbs
LED:	Warm White / Cool White or RGB

ORDER INFORMATION

MODEL NO.	PATTERN	SIZES	DEPTH
FUSION3D -	001 002 003 004 005	1- 2' x 2'	1 - 1.25 IN

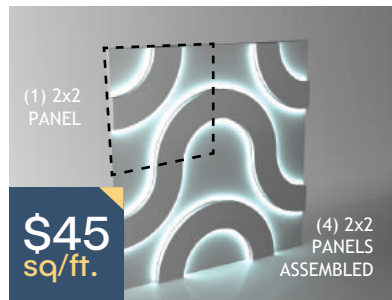| PANEL COLOR	LED COLOR	CONTROL
1- Non - Painted	1 - RGB	1 - BT (Blue Tooth)
2- White	2 - CW (Cool White)	2 - WiFi
	3 - WW (Warm White)	3 - DMX
		4 - RS232 / WiFi

*DOES NOT INCLUDE POWER SUPPLY OR LED CONTROLLER

FUSION WALL 001
(1) 2x2 PANEL
$45 sq/ft.
(4) 2x2 PANELS ASSEMBLED

FUSION WALL 002
(1) 2x2 PANEL
$45 sq/ft.
(4) 2x2 PANELS ASSEMBLED

FUSION WALL 003
(1) 2x2 PANEL
$45 sq/ft.
(4) 2x2 PANELS ASSEMBLED

FUSION WALL 004
(1) 2x2 PANEL
$45 sq/ft.
(4) 2x2 PANELS ASSEMBLED
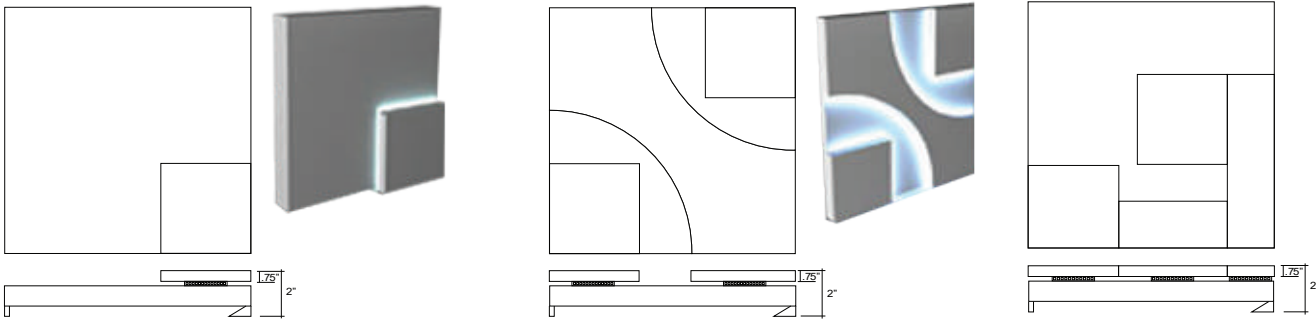
FUSION WALL 005
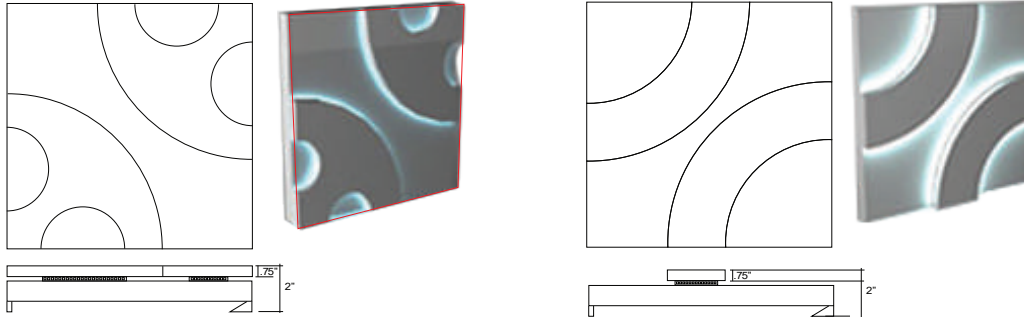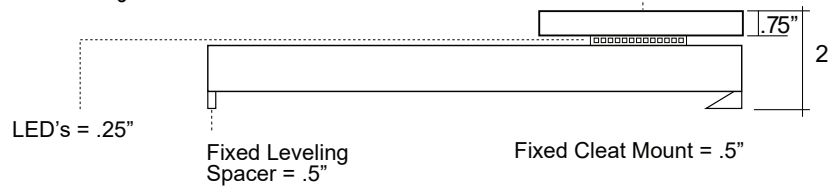$65 sq/ft.
(1) 2x2 PANEL

CUSTOM
CALL:
407-637-7260

FUSION Flat Panel Dimensions:
Standard height for all panels = 2" including mount

Extruded Shape "Height = .75"
(3A example below)

.75"

2"

LED's = .25"

Fixed Leveling Spacer = .5"

Fixed Cleat Mount = .5"

FUSION Panel Curved Panel Dimensions:
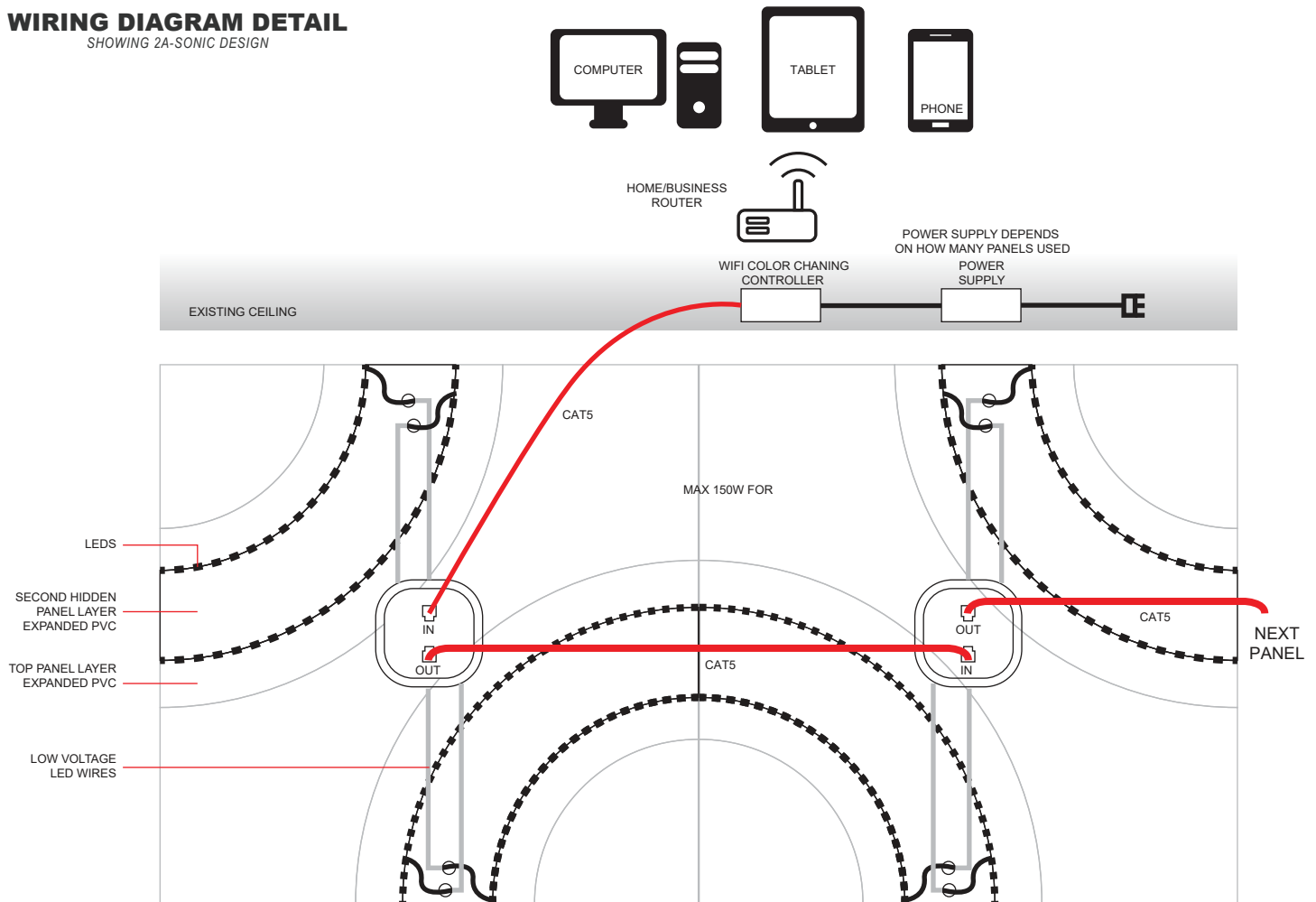Standard height for all panels = 2.5" including mount

Extruded Shape "Height = .75"
(7A example below)

.75"

2.5"

LED's = .25"

Fixed Leveling Spacer = .5"

Fixed Cleat Mount = .5""
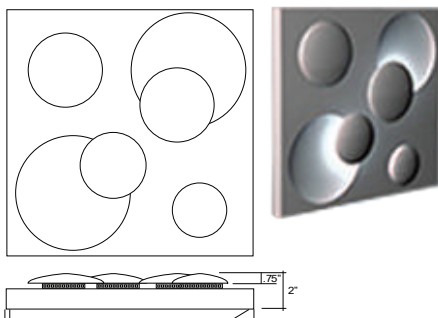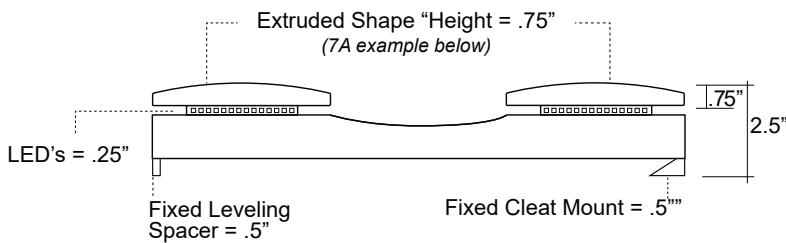
SPECIFICATIONS

Panel Size	2'x2'', 4'x4',4'x8', Custom sizes available
Max Voltage	12V, 24V, 120/240VDC
LED Colors	(RGB) Red Green Blue, (RGBW) Red Green Blue, White, (RGBWW) Red Green Blue, Warm White, (RGBCW) Red Green Blue, Cool White, (WW) Warm White, (CW) Cool White
Lamp Life	30,000 hours (average life)
IP rating	IP26 (ootdoor ratings available)
Mount	Cleat
Average Watts Per Foot	18

WIRING DIAGRAM DETAIL
SHOWING 2A-SONIC DESIGN

COMPUTER

TABLET

PHONE

HOME/BUSINESS ROUTER

POWER SUPPLY DEPENDS ON HOW MANY PANELS USED

WIFI COLOR CHANING CONTROLLER

POWER SUPPLY

EXISTING CEILING

CAT5

MAX 150W FOR

LEDS

SECOND HIDDEN PANEL LAYER EXPANDED PVC

TOP PANEL LAYER EXPANDED PVC

LOW VOLTAGE LED WIRES

IN

OUT

OUT

IN

CAT5

CAT5

NEXT PANEL

OVERALL PANEL LAYOUT DIAGRAM

RGB CONTROLLER

24V OR 12V POWER SUPPLY

COLOR CHANGING

24V OR 12V POWER SUPPLY

OR

SINGLE COLOR LED

FIXED MOUNTING CLEAT

PANEL 1

PANEL 2

PANEL 2

CAT 5

CAT 5

CAT 5

FIXED LEVELING BRACKET

PANEL 5

PANEL 4

PANEL 3

CAT 5

CAT 5