

PROJECT :

FIXTURE :

ELUME LED LIGHT PANEL - NON-FRAMED RGB

- CUSTOMIZABLE (SIZE & SHAPE) COLOUR CHANGING PANEL
- CONTROL MULTIPLE COLOUR CHANGING EFFECTS & STATIC COLOURS
- WIDE RANGE OF SPECIFIC COLOUR OUTPUTS
- SUPERIOR, HIGH OUTPUT UNIFORM ILLUMINATION
- SYNCHRONIZE MULTIPLE PANELS
- MAINTENANCE FREE
- PLUG & PLAY
- 3 YEAR WARRANTY



ELUME RGB LED LIGHT PANELS

SPECIFICATION SHEET : ELUME NON-FRAMED RGB LED LIGHT PANEL - MODEL : ELP-RGB

CUSTOM NON-FRAMED RGB LED LIGHT PANEL - MODEL: ELP-RGB

Thin, custom sizeable, optical cast acrylic sheets with high output tier one RGB LEDs embedded along the edge of the LED panels with an engraved light distribution grid. This light distribution grid is optimized for each specific panel size to ensure uniform and bright illumination over their entire surface.

NON-FRAMED VS FRAMED RGB LED LIGHT PANEL - APPLICATION

NON-FRAMED ELUME RGB LED PANELS

- MINIMAL BUTT LINES
- ORGANIC / ODD SHAPES
- ZERO AIR SPACE REQUIRED (Ideal for backlit stone bars/countertops)
- WATER RESISTANT (Additional option)

FRAMED ELUME RGB LED PANELS

- ADDITIONAL STRUCTURAL RIGIDITY
- LIGHT WEIGHT (Lighter than non-framed model)
- ENHANCED THERMAL MANAGEMENT
- MORE ECONOMICAL (Compared to non-framed model)

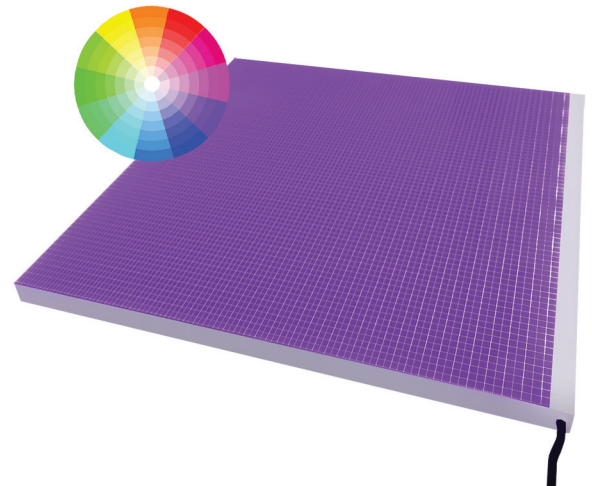
COLOUR ADDRESSABLE, BACK LIGHTING SOLUTION

With their minimal power consumption, long lifespan, uniform bright illumination and thin, lightweight characteristics, our eLume RGB LED Light Panels are a simple yet dynamic, zero maintenance and sustainable option when illuminating any translucent material.

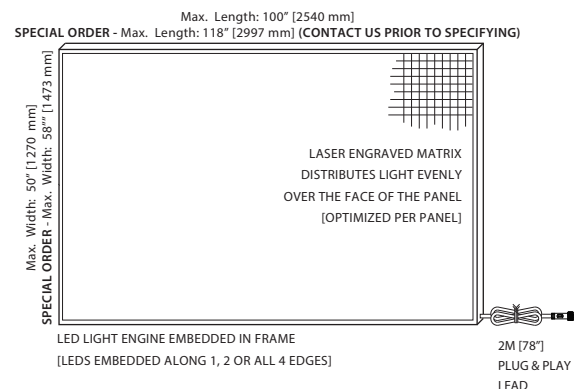
SPECIFICATIONS: * PLEASE CONTACT ELUMANATION FOR ASSISTANCE WITH YOUR APPLICATION

MODEL :	ELP-RGB
OUTPUT :	RGB [COLOUR ADDRESSABLE]
OUTPUT SOURCE :	LEDS EMBEDDED ALONG 1, 2 OR ALL 4 EDGES
OUTPUT COLOUR OPTIONS :	RGB : DMX ADDRESSABLE COLOUR EFFECTS
DMX CONTROLLER OPTIONS :	EL-RGB/DMX-SC - STAND ALONE CONTROLLER EL-RGB/DMX-WC - WIRELESS CONTROLLER
*MORE INFO AVAILABLE UPON REQUEST	
APPROX WEIGHT :	2.6 Lbs [1.8 kg] / 5qFt
MIN SIZE :	3 X 3" [76 x 76 mm]
MAX SIZE :	50 x 100" [1270 x 2540 mm]
*SPECIAL ORDER ONLY MAX SIZE :	58 x 118" [1473 x 2997 mm] *CONTACT US PRIOR
MATERIAL :	OPTICAL CAST ACRYLIC
ACRYLIC THICKNESS :	10 mm [0.39"]
FRAME STYLE :	NON FRAMED [MYLAR TAPE MASKING OVER LEADS]
MOUNTING :	SEE MOUNTING INSTRUCTIONS
OPERATING LIFESPAN :	UPTO 70,000 HOURS [L70]
WARRANTY :	3 YEARS
ENVIRONMENT :	DRY LOCATION ONLY *EXTERIOR MODEL AVAILABLE
OPERATING TEMPERATURE :	-30°C [-22 °F] ~ +40 °C [+104 °F]
OPERATING VOLTAGE :	24VDC
POWER CONSUMPTION :	14 W/M [4.26 W/Ft]
ELECTRICAL ARRANGEMENT :	*SCHEMATICS PROVIDED PER PROJECT
INPUT CONNECTOR :	78" [2M] PLUG & PLAY WATERPROOF BARREL LEAD
INPUT LEAD WIRE SIZE :	10 AWG 4 CONDUCTOR WIRE
POWER SUPPLY OPTIONS :	24VDC HARDWIRED OR COMPACT PLUG & PLAY
*MORE INFO AVAILABLE UPON REQUEST	
SAFETY :	UL CERTIFIED

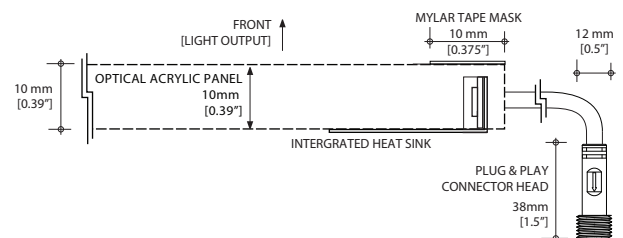
PRODUCT IMAGE: STATIC PURPLE OUTPUT WITH LEDES ON ONE EDGE SHOWN



FRONT ELEVATION:



SIDE SECTION:



PROJECT :

FIXTURE :

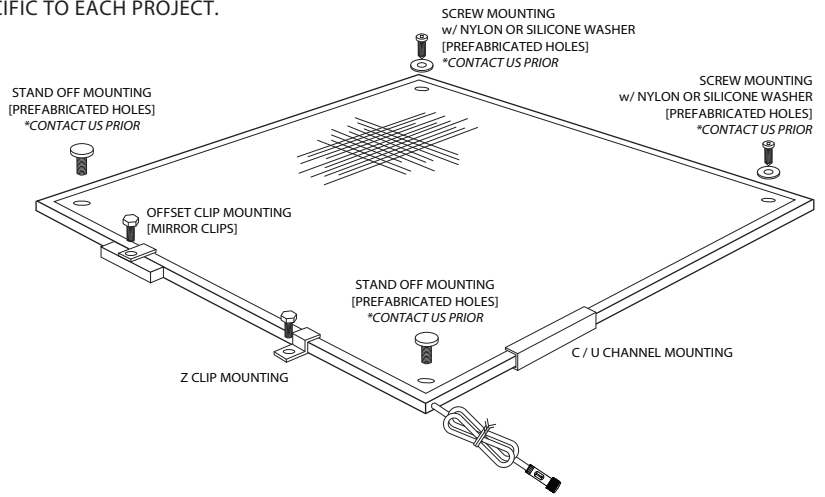
SPECIFICATION SHEET : ELUME NON-FRAMED RGB LED LIGHT PANEL - MODEL : ELP-RGB [PAGE 2]

ELUME LED LIGHT PANEL - MOUNTING OPTIONS:

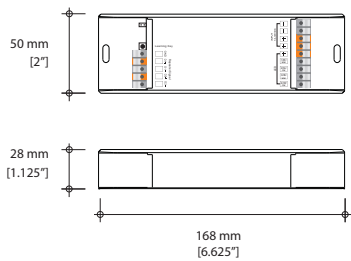
ELUMINATION PROVIDES GUIDANCE FROM DESIGN TO INSTALLATION SPECIFIC TO EACH PROJECT.

PLEASE NOTE:

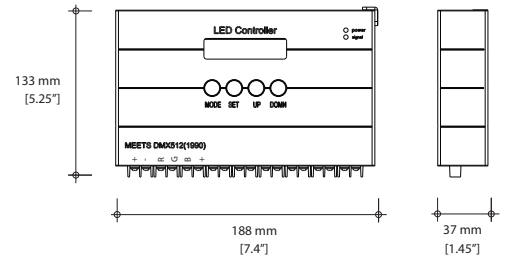
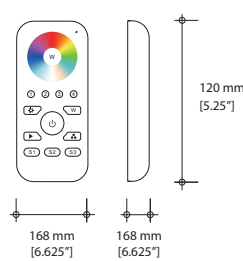
- * Through holes are to be pre-specified before production. We do not recommend nor warranty any alterations on-site.
- * Do not apply adhesive or bonding agent to the back of the panel. The agent will cause light anomalies once illuminated.
- * Air space is not required between the eLume LED Light Panels and the illuminated material however, depending on the translucency of the material, you may wish to allow free air or a clear acrylic spacer between the Elume LED Light Panel and the illuminated material to increase the light diffusion.
- * If the eLume light panel unit is a model with an aluminum frame, VHB adhesive, silicone or any other suitable bonding agent can be applied sparingly to the aluminum frame perimeter with care being taken not to get any on the eLume LED Light Panel itself.
- * Please contact Elumination for any additional information or project specific customizations



ELUME RGB LIGHT PANEL - CONTROL OPTIONS: *WIRING SCHEMATICS & HARDWARE REQUIREMENTS PROVIDED FROM ELUMINATION SPECIFIC TO EACH PROJECT



PAIRS TOGETHER
(MIN 1 REMOTE REQUIRED
TO CONTROL MODULES)



WIRELESS DMX CONTROLLER MODULE

MODEL: EL-RGB/WC

- REQUIRES REMOTE CONTROL
- ALLOWS FOR MULTIPLE ZONE CONTROL
- PAIRS WITH ONE OR MORE WIRELESS CONTROLLERS
- CONNECTS INLINE BETWEEN POWER SUPPLY & LED FIXTURE
- OPERATE 1 OR UNLIMITED MULTIPLE SYNCHRONOUS PANELS

* ADDITIONAL DETAILS AVAILABLE UPON REQUEST

WIRELESS DMX CONTROLLER REMOTE

MODEL: EL-RGB/WC/R

- PAIRS TO 1 OR UP TO 4 MODULES SYNCHRONOUSLY OR INDIVIDUALLY (4 ZONES)
- TOUCH PAD COLOUR WHEEL FOR STATIC COLOUR SELECTION
- DIMMABLE STATIC COLOURS, 3 BUILT IN WHITE (WARM, NEUTRAL & COOL - NON DIMMABLE) & 10 BUILT IN DYNAMIC EFFECT MODES WITH DIMMABILITY & SPEED CONTROL
- 3 SAVE BUTTONS & ON/OFF//PAUSE CONTROL

* ADDITIONAL DETAILS AVAILABLE UPON REQUEST

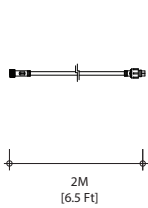
STAND ALONE DMX CONTROLLER

MODEL: EL-RGB/SC

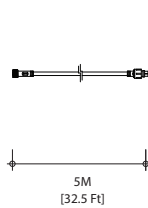
- STANDALONE CONTROLLER WITH DIGITAL DISPLAY
- 33 BUILT IN DYNAMIC EFFECT MODES WITH SPEED & RUN TIME CONTROL
- DIMMABLE STATIC COLOURS WITH PRECISE COLOUR HUE SELECTION
- DMX DECODER INPUT MODE WITH PROGRAMMABLE ADDRESS
- OPERATE 1 OR UNLIMITED MULTIPLE SYNCHRONOUS PANELS

* ADDITIONAL DETAILS AVAILABLE UPON REQUEST

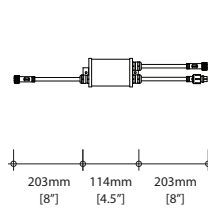
ELUME RGB LIGHT PANEL - ADDITIONAL WIRING COMPONENTS: * WIRING SCHEMATICS & HARDWARE REQUIREMENTS PROVIDED FROM ELUMINATION SPECIFIC TO EACH PROJECT



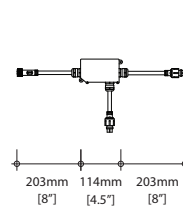
CABLE EXTENSION
MODEL: EL-RGB/EXT/2M



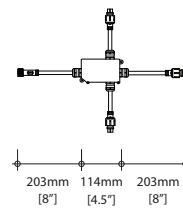
CABLE EXTENSION
MODEL: EL-RGB/EXT/5M



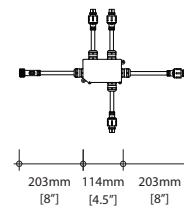
SIGNAL AMPLIFIER
MODEL: EL-RGB/SA



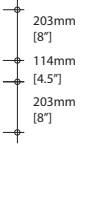
2 WAY SIGNAL SPLITTER
MODEL: EL-RGB/SS/2



3 WAY SIGNAL SPLITTER
MODEL: EL-RGB/SS/3



4 WAY SIGNAL SPLITTER
MODEL: EL-RGB/SS/4



ORDERING SPECIFICATIONS: EXAMPLE : ELP-RGB/1000X1500/4

MODEL#	OUTPUT:	DIMENSIONS: [L x W]	LED LOCATION:	PLEASE NOTE:	ADDITIONAL RGB HARDWARE:
ELP	- RGB - ADDRESSABLE COLOURS	/***X** - LENGTH x WIDTH *DIMENSIONS IN MM *CUSTOM SHAPES AVAILABLE PLEASE CONTACT US	I1 - LEDS ON 1 LONG EDGE I2 - LEDS ON BOTH LONG EDGES I4 - LEDS ON ALL 4 EDGES IC - CUSTOM - *PLEASE CONTACT US	*FOR ALL CUSTOM LED PANELS WE HIGHLY RECOMMEND CONTACTING ELUMINATION PRIOR TO SPECIFICATION TO ENSURE ALL MATERIAL AND HARDWARE REQUIREMENTS ARE PROPERLY MET. * DOUBLE FACE ILLUMINATION AVAILABLE UPON REQUEST MODEL: ELP-SF29 ONLY - CONTACT US PRIOR TO SPECIFYING *CONTACT US FOR PROJECT SPECIFIC WIRING SCHEMATICS	EL-RGB/DMX-SC - STAND ALONE CONTROLLER EL-RGB/DMX-WC - WIRELESS CONTROLLER EL-RGB/DMX-WC/R - WIRELESS CONTROLLER REMOTE EL-RGB/SA - SIGNAL AMPLIFIER EL-RGB/SS/2 - 2 WAY SIGNAL SPLITTER EL-RGB/SS/3 - 3 WAY SIGNAL SPLITTER EL-RGB/SS/4 - 4 WAY SIGNAL SPLITTER EL-RGB/EXT/2M - 2M [6.5 FT] CABLE EXTENSION EL-RGB/EXT/5M - 5M [32.5 FT] CABLE EXTENSION