STEP 1 DEZIGNS
LIGHTING INNOVATION

EL-FGP-10X20-24V LED Flex Light Sheet

SPECIFICATION SHEET

DESCRIPTION

LED Flex Light Sheet is very flexible, ultra-bright, and very thin. It can be used where any continuous light source is needed. For example, large scale fabric displays, light boxes, menu boards, under counter lighting wherever a cool to the touch with the non-UV light source is essential.

With a profile of less than 1/8", it allows installers to utilize it in areas less than 2" deep and goes where traditional lights such as fluorescent fixtures cannot. Each 20x10 inches LED grid emits a powerful and consistent illumination of 3480 lumens. It will enhance the aesthetics of any display.

The LED Flex Light Sheet can be easily cut to smaller sizes Horizontally from the 10 in length sides at its cut marking. Mounting is effortless with double-sided tape or silicone adhesive and requires no heat sinks. Create unique lighting designs with less amount of time. The high output LED chipsets allows it to be installed close to the fabric or diffuser without any dark or hot spots.

SPECIFICATIONS

Brightness:	3480 Lumens
Power:	32 watt
Input Voltage:	24V DC
LED CCT:	6000K Cool White
CRI:	90+
LED Chip Size:	SMD 2835
LED Chips:	105 pcs
Dimmable:	Yes, with dimmable driver
IP Rating:	IP20
Environment:	Indoor Use - Dry Location
Beam Angle:	105°
Length:	19.7 in / 500.38 mm long
Width:	9.25 in / 234.95 mm wide
Height:	0.125 in / 3.18 mm thick
Manufacturer:	Elumalight
Rating:	ETL Listed
Avg. Lifetime:	± 30,000 - 50,000 hours
Warranty:	3 years limited
* Required:	Requires a non-dimming or dimming 24 volt DC driver.

KEY FEATURES

- Can be cut horizontally from the 10-inch sides
- Can be tiled together with multiple sheets
- Can be mounted with 3M adhesive backing tape
- Fully dimmable with compatible dimmer and driver
- Maintenance-free & trouble-free operation
- Durable construction, engineered to last
- LED Chips are high intensity, ultra-bright
- Low heat operation; cool to the touch
- No dark or hot spots
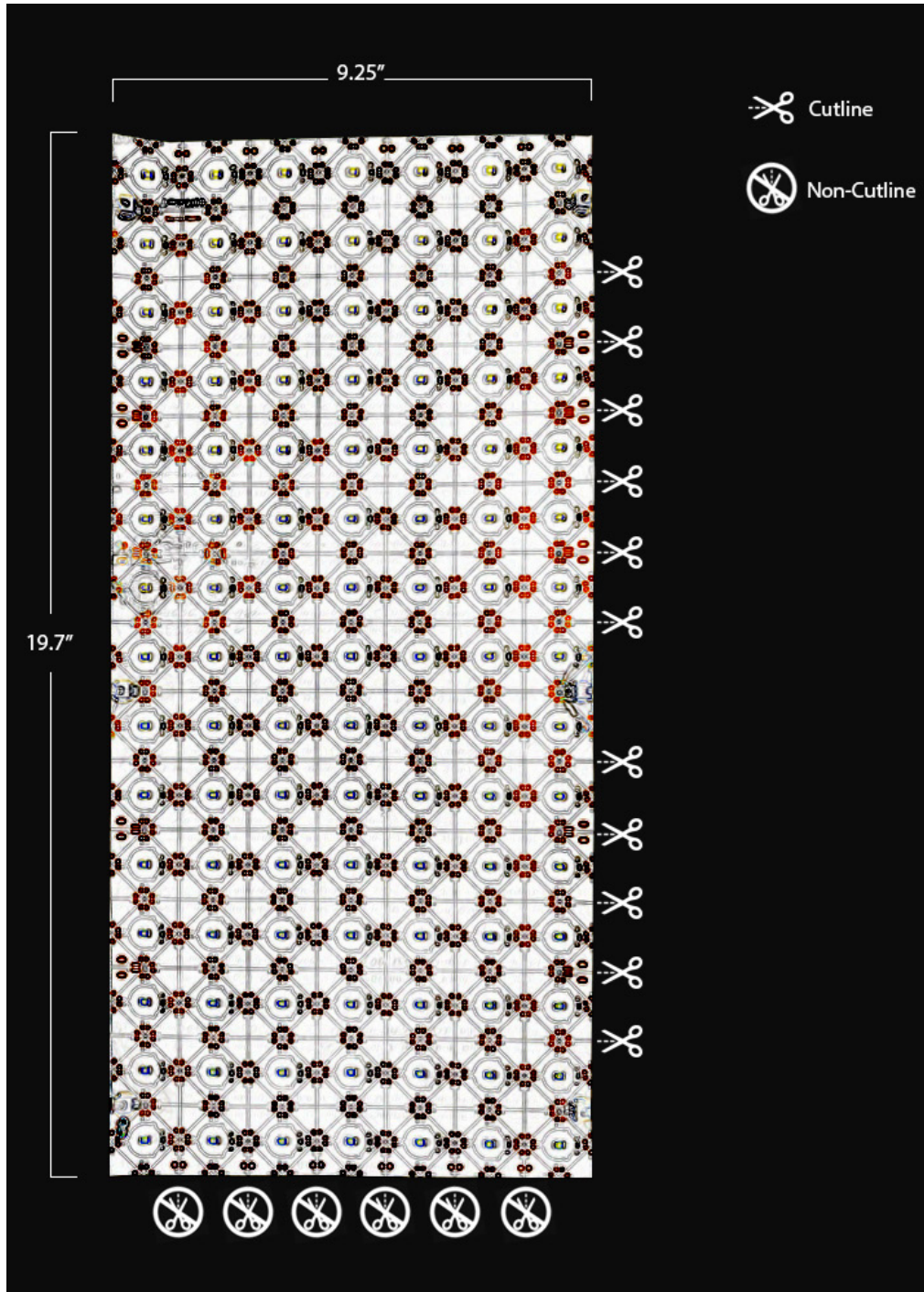- Up to 50,000 hours Lifespan
- ETL Listed

APPLICATIONS

- Lighting for Tradeshows, Exhibition, Retail Displays
- Retail Stores, Restaurants, Casinos, Lounges, and Residential Homes
- Backlighting Graphics or Signage
- Custom DIY projects

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SPECIFICATION SHEET

Dimensions and Cutlines

9.25"

19.7"

✂ Cutline

✂ Non-Cutline

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SPECIFICATION SHEET

Wiring

24V DC
LED Driver