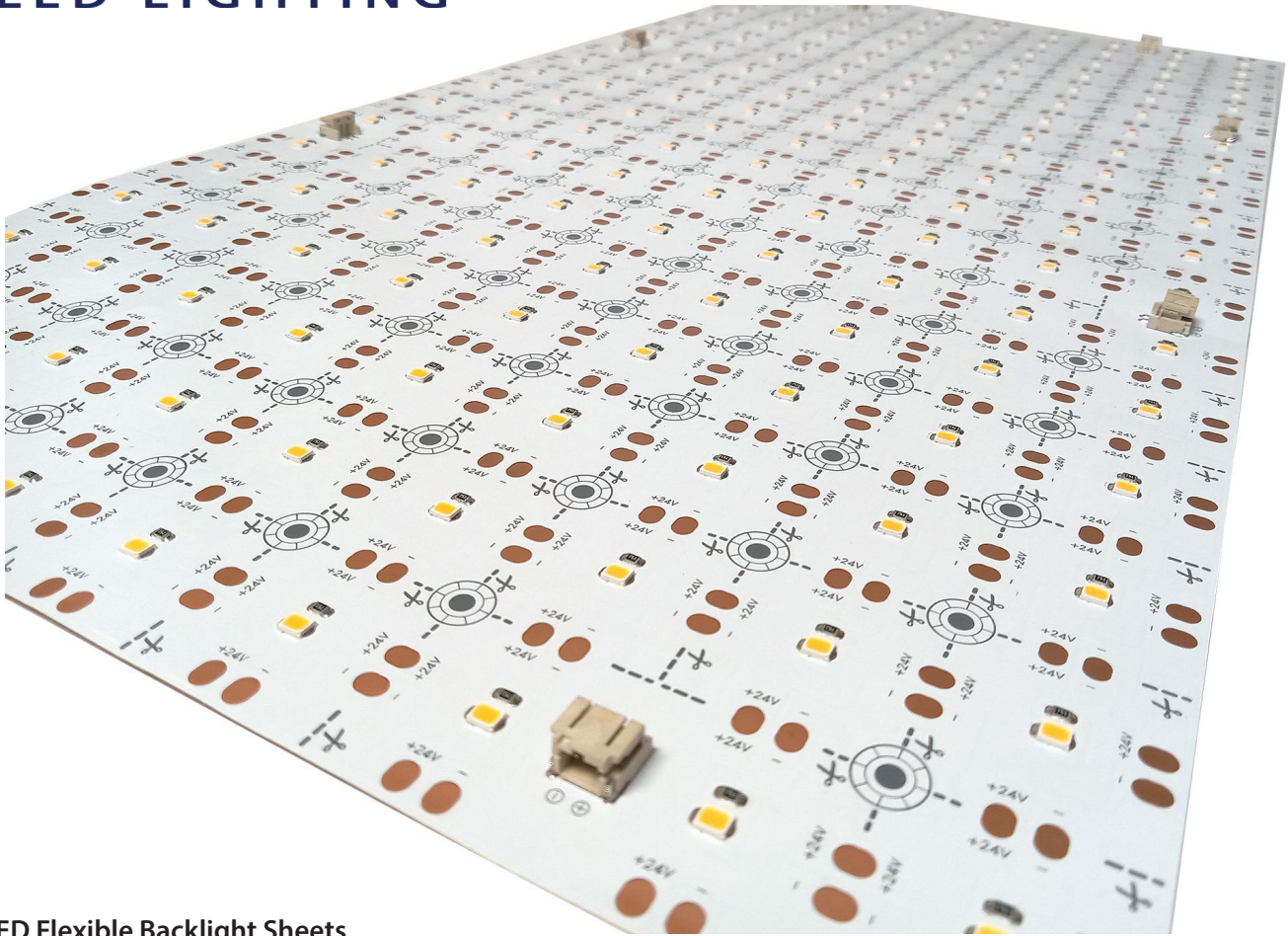# Lumicrest
L E D   L I G H T I N G

Flexible LED Backlight Panel Sheets

LED Flexible Backlight Sheets

Perfect for creating smooth backlit effects for lightboxes, ceiling features, retail displays, translucent stone & marble features and more.
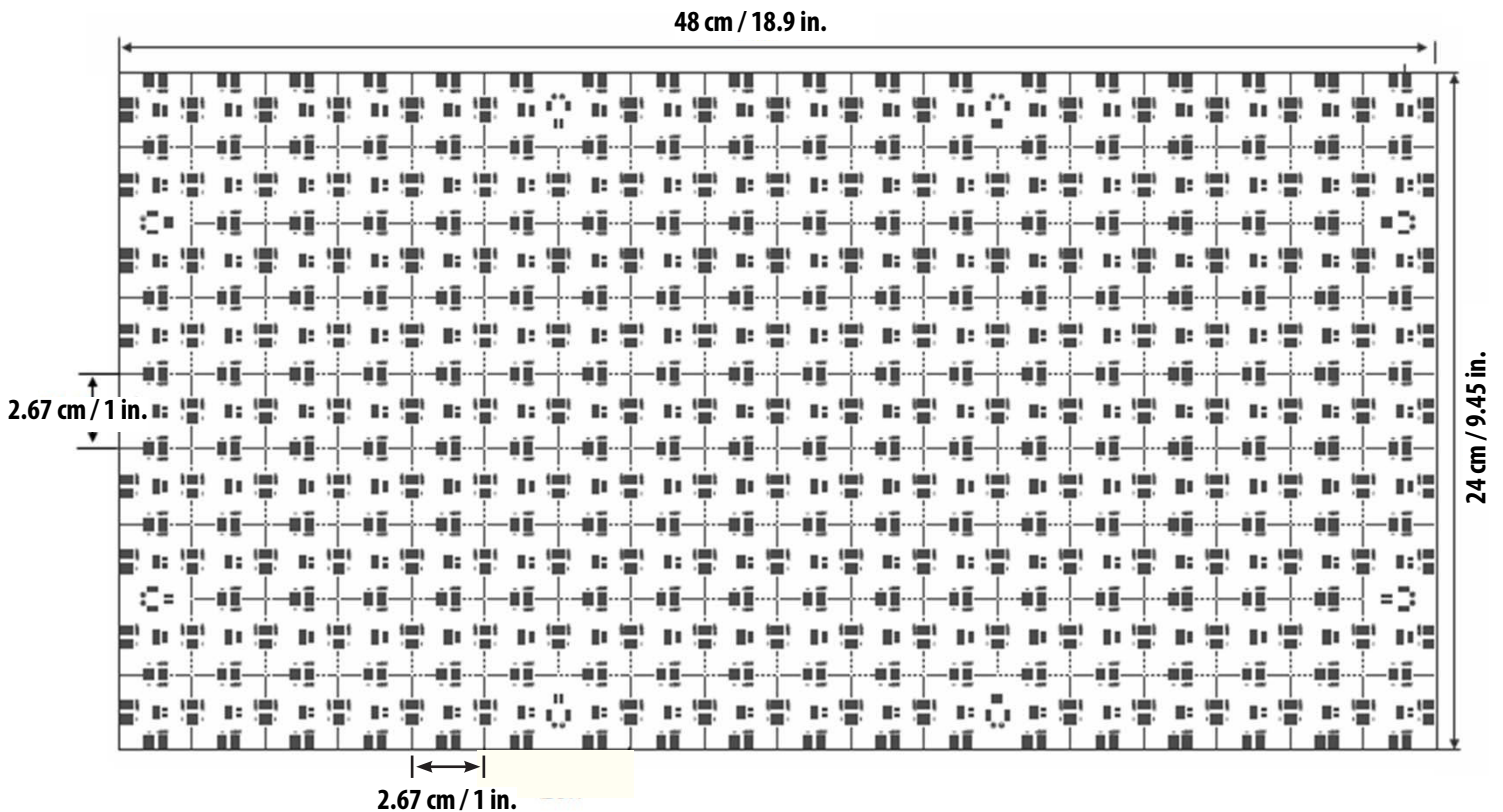
When used behind acrylic diffusion sheets, you only need about 1.5" clearance from the LED sheet to the diffusion panel due to the close spacing of the LEDs.

These sheets can be cut to any shape in 1" increments simply by following the indicated cut lines. It's easy to illuminate circles and irregular shapes. Each panel includes eight ports for feeding 24V power and for linking to additional LED panels. You can also solder wires to the many handy solder pads on the sheets.

Comes with a high quality 3M self-adhesive backing. Operates on 24V DC constant voltage power. Dimmable with dimmable LED power supplies (sold separately) or external PWM dimming controls.

Colour Temperatures: 2700K, 3000K, 3500K, 4000K, 2700K-6500K (dual-CCT tunable with ext. control)
Power Consumption: 20 watts per panel
Voltage: 24V DC
Lumens: 2,000 lumens @ 4000K
CRI: 95

Dimensions

48 cm / 18.9 in.

24 cm / 9.45 in.

2.67 cm / 1 in.

2.67 cm / 1 in.

Connectors

Each LED backlight panel comes complete with 4 connecting wires:

- 2 pieces **Power Input Connector** (2 pin one end, bare wire other end): 20 cm long (7.85")
- 2 pieces **Jumper Connector** (2 pin connector each end): 65 mm long (2.5")

Ordering Codes

Example: **LBP-30K-20** (LED Backlight Panel, 3000K, 20 watt)

27K = 2700K, 30K = 3000K, 35K = 3500K, 40K = 4000K, 27-65K = 2700K-6500K tunable

Colour Temperatures	CRI	LED Type	Dimmable	Dimensions
2700K	95+	2835 SMD	With dimmable power supply or PWM controller	(L) 18.9" / 420 mm (W) 9.45" / 240 mm
3000K	95+			
3500K	95+			
4000K	95+			
2700K-6500K (Dual CCT tunable)	95+			

Voltage Input	Power Consumption	Lumen Output	IP Rating
24 V DC	20 watts	2000 lm. 4000K	IP20