

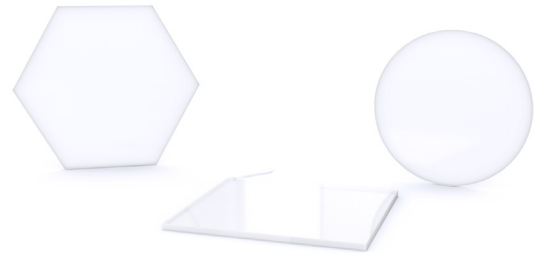
Date \_\_\_\_\_ Project \_\_\_\_\_

Notes \_\_\_\_\_

### CUSTOMIZABLE BACKLYTE

Perfect for back lighting advertisements or translucent panels like onyx, stone and resin panels, our Customizable BackLytes can be cut into virtually any shape. They're lightweight with even light spread and fully customizable. Starting with a sheet of PMMA acrylic, we cut your custom shape on a CNC-controlled machine, then embed our LEDs directly into the perimeter of the panel and laminate it with a prismatic reflector, providing even surface light no matter the size.

- Manufactured to custom geometric shapes and sizes
- Static White, Static Color and Variable White models are constant current
- RGB models are 24V constant voltage and can be used with any of our 24V electronic drivers (including Lutron Hi-lume models) plus DMX control
- Thin profile: 0.52 in. (13.2 mm)
- Lightweight
- Lead time varies depending on size



#### Applications:

Commercial      Hospitality      Residential  
 Entertainment      Museums      Retail  
 Healthcare      Public Spaces

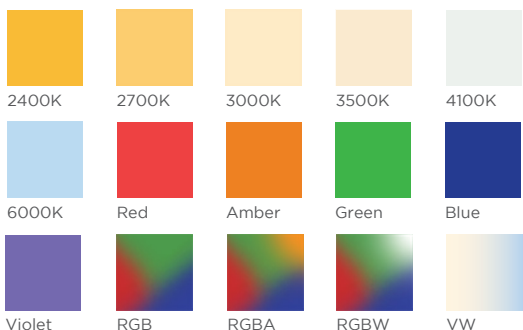


**RoHS    IP20**

### ORDERING GUIDE

Category	Color Temp.				Diffusion	Area in Sq Ft
<b>RBBL</b>						
<b>RBBL - BackLyte</b>	<b>24 - 2400K</b>	<b>41 - 4100K</b>	<b>RGBA - RGBA</b>	<b>G - Green</b>	<b>C - Clear</b>	<b>Area of Backlyte in square feet</b>
	<b>27 - 2700K</b>	<b>60 - 6000K</b>	<b>VW - VW</b>	<b>B - Blue</b>	<b>M - Milky</b>	
	<b>30 - 3000K</b>	<b>RGB - RGB</b>	<b>R - Red</b>	<b>V - Violet</b>		
	<b>35 - 3500K</b>	<b>RGBW - RGBW</b>	<b>A - Amber</b>			

### AVAILABLE COLOR TEMPERATURES





**SPECIFICATIONS/ DIMENSIONS / ACCESSORIES/ USAGE GUIDELINES**

SPECIFICATIONS	CUSTOMIZABLE BACKLYTE
Operating Voltage	Static White Models are constant current and input depends on size. Color changing models are 24V DC input.
Power Consumption	White: 8 W/sq ft (86 W/sq m) RGB: 8 W/sq ft (86 W/sq m) RGBW: 11 W/sq ft (118 W/sq m)
Protection Rating	IP20
Lumen Output	- 800 lm/sqft
Dimming	Static White & Static Colors: 0-10 Volt Color Changing Models: DMX, Lutron A-Series LED drivers
Ambient Temperature	-40° C to 70° C (-40° F to 158° F)
Color Temperatures / Colors	2400K, 2700K, 3000K, 3500K, 4100K, 6000K, RGB, RGBW, RGBA, VW, Red, Amber, Green, Blue, Violet
Lamp Life	50,000 Hours
CRI (White LEDs)	90+
Connector Types	Bare end wire, 2-conductor IP20 connectors, 5-pin IP65 connectors
Weight	2 lbs. 6.6 oz per sq ft / 1.09 kg per sq ft

**DIMENSIONS CUSTOMIZABLE BACKLYTE**



Thickness	0.52 in. (13.2 mm)
Length	Minimum: 0.78 in. (2 cm), Maximum: 51.2 in. (130 cm)
Width	Minimum: 0.78 in. (2 cm), Maximum: 94.5 in. (240 cm)
Border Width	0.63 in. (16 mm)

**ACCESSORIES**

**DRIVERS**  
See Drivers Guide



**PARTS AND ACCESSORIES**  
See Parts and Accessories Guide



**CONTROLLERS**  
See Controllers Guide



**USAGE GUIDELINES**

- Use with non-Acolyte supplied drivers and interfaces is not supported or warranted.
- We reserve the right to make changes to product lineup, specifications, design and finishes at any time without notice.
- This product is frameless and is designed to be installed behind translucent products or built into a frame. Because it is a custom product and each installation is different, we do not supply mounting hardware for this product. It can be used with mirror or z-clips, or built into a custom frame.

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