

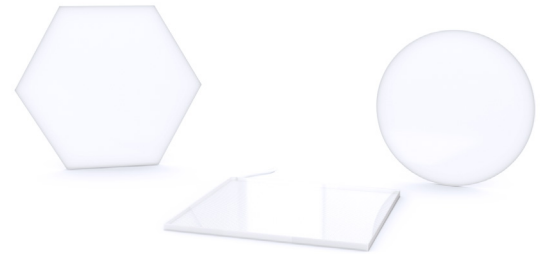
Date _____ Project _____

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 | |

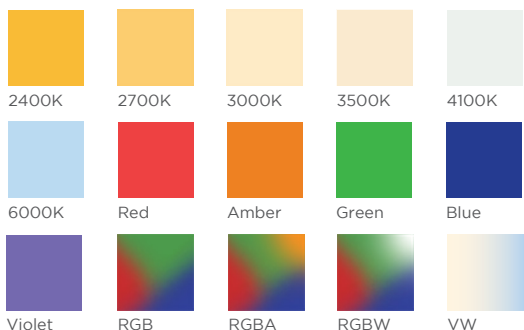


RoHS IP20

ORDERING GUIDE

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

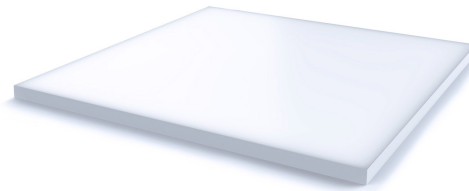
AVAILABLE COLOR TEMPERATURES



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 |
| 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-GENLED 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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