i-LUMINOSITY
LED LIGHTING FIXTURES

BACKLIGHT PANEL

0.42 in thin pro ile
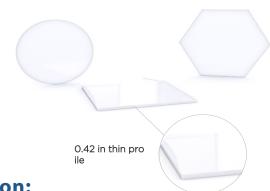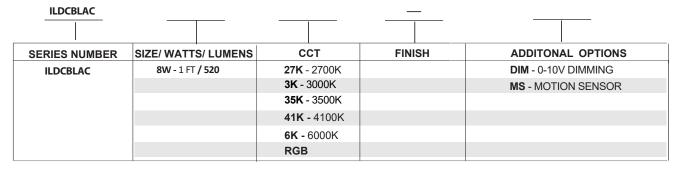
Description:

Our custom LED Backlight panels are perfect for back lighting advertisements or translucent panels like onyx, stone and resin panels, our customizable backlights can be cut into virtually any shape. They're lightweight with an even light spread. Starting with a 4×8 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.

Features:

• Manufactured to custom geometric shapes and sizes.

• Perfect for back lighting advertisements or translucent panels like onyx, stone and resin panels.

• RGB models are 24V constant voltage and can be used with any of our 24V electronic drivers.

• They're lightweight with even light spread and fully customizable.

• Wattage and lumens are based on 1 sq. ft. increments.

ILDCBLAC

SERIES NUMBER	SIZE/ WATTS/ LUMENS	CCT	FINISH	ADDITONAL OPTIONS
ILDCBLAC	8W - 1 FT / 520	27K - 2700K		DIM - 0-10V DIMMING
		3K - 3000K		MS - MOTION SENSOR
		35K - 3500K		
		41K - 4100K		
		6K - 6000K		
		RGB		

SAMPLE ITEM NUMBER: ILDCBLAC 8.8W 3K W DIM

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CUSTOMIZABLE BACKLIGHT SPECIFICATIONS

SPECIFICATIONS	CUSTOMIZABLE BACKLIGHT
Operating Voltage	24 V
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
Operating Temperature	-40° C to 70º C
Color Temperatures / Colors	2400K, 2700K, 3000K, 3500K, 4100K, 6000K, RGB, RGBW, RGBA, VW, Red, Orange, Yellow, Green, Blue, UV

DIMENSIONS	CUSTOMIZABLE BACKLIGHT

Thickness	0.42 in (10.67 mm)
Length	Minimum: 3.0 in (7.6 cm), Maximum: 48 in (121.9 cm)
Width	Minimum: 12 in (30.5 cm), Maximum: 96 in (243.8 cm)

USAGE GUIDELINES

- Use with supplied drivers and interfaces is not supported or warrantied.
- 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 for this product. It can be used with mirror or z-clips, or built into a custom frame.