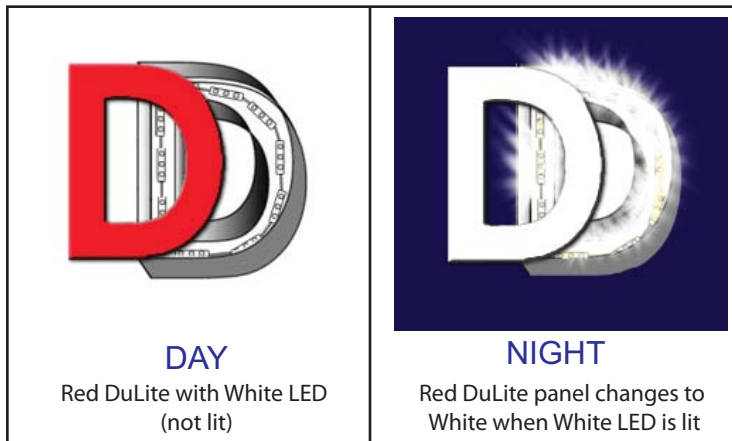


## DULITE COLOR CHANGING ACRYLIC



Bitro's DuLite is a line of color changing acrylic panel product based on our revolutionary patented color changing acrylic technology. DuLite emits its native base color during the day while illumination source is turned off and then transmits the color of the illumination source when it's lit with optimum diffusion for even illumination across the surface. DuLite opens a way for a whole new application where the surface needs to change colors between day and night for signage and architecture applications. DuLite is designed for outdoor installation for signage and architecture applications and is optimized for use with LED illuminations.

## COLOR CHANGING ACRYLIC



## BRIGHT & ELEGANT ILLUMINATION

**REDUCED POWER CONSUMPTION** - It can reduce power consumption as it is 30% brighter than the conventional imported materials

**BRIGHTER ILLUMINATION** - It is 45% brighter than former way with PVC perforated sheet ((Light can only penetrate the holes of the PVC sheet). Especially it satisfies concealment and light transmittance to fit for the LED lamp.

## QUALITY & DURABILITY

DuLite is optimized for use with LED illumination source for proper diffusion and is rated for outdoor use lasting more than 10 years under direct UV exposure.

## COST-EFFECTIVE & LABOR SAVING

No need to use expensive perforated vinyl- reduced labor & cost.

## PRODUCT SPECIFICATION

COLOR	SIZE	THICKNESS	THICKNESS OF PROTECTIVE FILM	REMARK
Blue	36.4" x 72.8" (910mm x 1820mm)	0.12" (3.0mm)	80 µm of PE Film	
Green		0.16" (4.0mm)		
Black				
Gray				
Violet	0.2" (5.0mm)			
Red				

\* Available colors



## APPLICATION

Channel Letter Signs/ Interior Design/ Architecture/ Display cases, furniture/ POP Displays

DAY

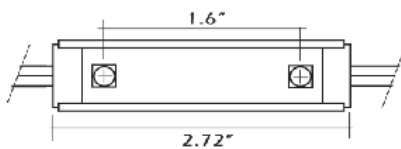


NIGHT

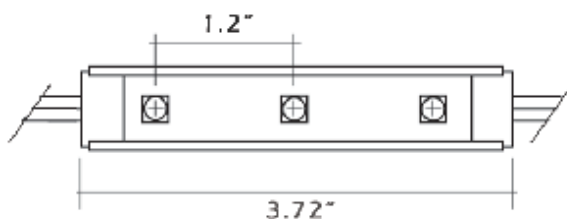


Bitro has developed a set of LED channel letter modules compatible with our DuLite Products in creating pure whites from different colors of acrylics. They are bright and color shade specific to meet the demand of longevity and durability for channel letter application.

**DL-240**



**DL-330**



MODEL	DL 240 SERIES	DL 330 SERIES
Input Voltage (DC)	11.0 ~ 14.0 V	
Current Consumption	40 mA	60 mA
Power Consumption	0.5W	0.72W
Viewing Angle	120	
Operating Temperature	-22 F ~ 158 F (-30 C ~ 158 C)	
Unit Weight	17 g	20 g
Maximum number of module connection	70 pcs	
Compatible products	BL1004/ BL1005/ RE1001/ GN1005/ WH1001	