

# High Bright Pos LED Backlight LOGO LCD Backlight For Car

## Product Details

Type: LED Modules

Chip Material: AlGaInP

Emitting Color: Warm White

Luminous Intensity: 50

Luminous Flux(lm): 16-18

Optical Attenuation(%): 0.5

Power: 0.045-0.06watt

Power Dissipation: 15-18mA

Viewing Angle(°): 120

Color Rendering Index(Ra): 85

Color Temperature: 6500-7000K

Operating Temperature(°C): -10 - 60

Storage Temperature(°C): -20 - 70

Place of Origin: Guangdong, China (Mainland)

Brand Name: Baolaiya

Certification: CE, RoHS, RoHS

Power Consumption Per Piece: 0.045-0.06watt

Drive Current Per Piece: 15 -18mA

Color: White,Green,Yellow,Red,Pink,Kelly,Orange,etc.

Voltage: DC 3.0V - DC24V

Application: Logo /LCD

Material: PC PMMA PS

## Packaging Details

15 years Factory focus on LED Backlight,LCD Display Screens,LCM,TFT Touch Screen,OLED Display Screen,LED Digit Display

We supply general model as 1602 2004 12864 24064 LCM and so on.

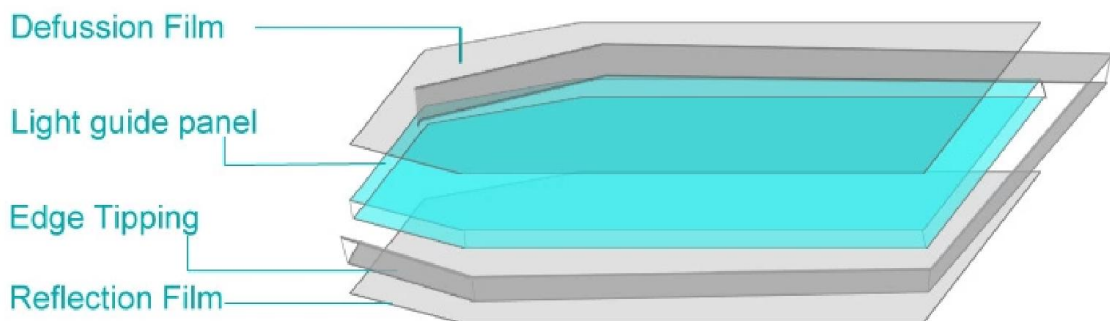
Also we supply customized of size and shapes Backlight and LCD.

## Product Description

1. Backlight Source:Side Edge LED lighting source Backlight;
- 2.Side LED Backlight constitute:Diffusion Film,Reflect Film,light guide plate,Shading Area,Lights,PCB,DIP,Laser Dot Grid;

3. Light Guide Plate: Thickness 0.4mm-6mm;
4. Shading Area: Above 7mm when used DIP LED,  
Above 4mm when used SMD LED
5. Active Area: The area can display;
6. Application: LCD Display Screens Back Light, LED Advertising Panel, Logo Light Back;
7. Connector Type: Pins, PCB touch, FPC, SMD, Connector Terminal;
8. Working Voltage/Electric Current: Custom as the brightness;  
White LED Lights Voltage: 2.8V to 3.4V;  
Color LED Lights Voltage: 1.8V to 2.4V
9. Custom must supply the following Specification, that we can quote immediately and exact.
  - 1) Custom size of the backlight board;
  - 2) Thickness of light guide panel;
  - 3) Active Area size of the LED Backlight;
  - 4) Luminance of the back lights;
  - 5) LED light connector type like DIP LED, Pin, SMD or FPC;
  - 6) Thickness of the back lighting plate;
  - 7) A picture of the appearance, or drawing sketch of the led backlight
  - 8) Color of the LED light, White, warm white, green, yellow, blue, RGB colors
  - 9) Input Voltage and Connection Method

## Backlight Structure



## Backlight Type

Type	Light Color	Luminance	VF(Voltage)	Cost
Side LED Backlight	Y,Y-G,G,O,R	5~30cd/m <sup>2</sup>	DC2,1v ,3,2v	Cheapest
Bottom LED Backlight	Y,Y-G,G,O,R	10~50cd/m <sup>2</sup>	DC2,1v ,3,2v ,8.4v	Expensive
EL Backlight	B,G,W	10~30cd/m <sup>2</sup>	AC100V ,400HZ	Expensive
CCFL Backlight	White	15~60cd/m <sup>2</sup>	AC100V ,80KHZ	Costly