

HIGH POWER BACK LIGHT

Magic Lite's new High Power Back Light is a powerful tool for back lighting sign letters or for general decorative lighting – indoors or out. Each module has four super-bright LEDs delivering a punch as great as .48 watts. The LEDs are encased in an aluminum housing for heat dissipation and are sealed making them completely waterproof. The system provides high brightness levels, low power consumption and long life span (up to 100,000 hours).

Magic Lite's High Power Back Light operates on a low voltage (12 volts) class 2 power supply ensuring safety and performance in the harshest of conditions.

Features:

- Ideal for outdoor use – completely sealed against water
- Thin profile is easy to install
- Excellent heat dissipation
- Up to .48 watts of brightness per module
- Low power consumption for energy savings
- Safe – class 2, low voltage operation
- Beam angle 120°



LBLS-AL-2P-12V



MAGIC LITE LTD.

2526 Speers Road, Unit 4-9
 Oakville, Ontario, Canada L6L 5M2
 Tel: 905-825-9592 • Fax: 905-825-8334
www.magiclite.com

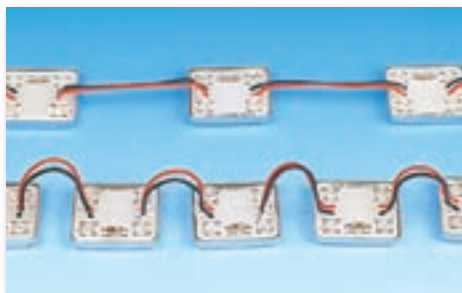


HIGH POWER BACK LIGHT

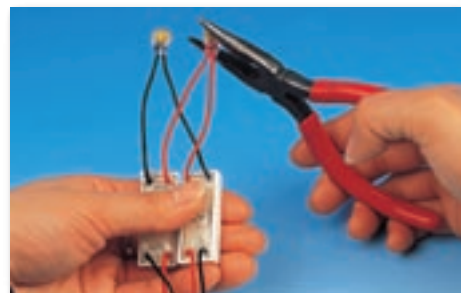
combines the LED characteristics of low power consumption, high brightness levels and long life



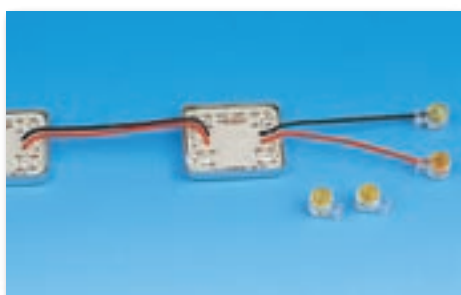
Each module comes with double sided tape for easy installation



Adjust spacing of modules according to design and brightness levels required.



Modules are easily connected together with terminals



Cover leads of last module with terminals



Connect to power supply



NOTE: When mounting in channel letters, depth of channel should be at least 4 cm deep to prevent "hotspots" of light from LED modules.

LED DRIVERS

LP1020-12* 20W maximum
Powers up to 80 Red/yellow modules or 40 White/Green/Blue modules

LP1040-12* 40W maximum
Powers up to 160 Red/yellow modules or 80 white/blue/green modules (maximum 80 modules per single run)

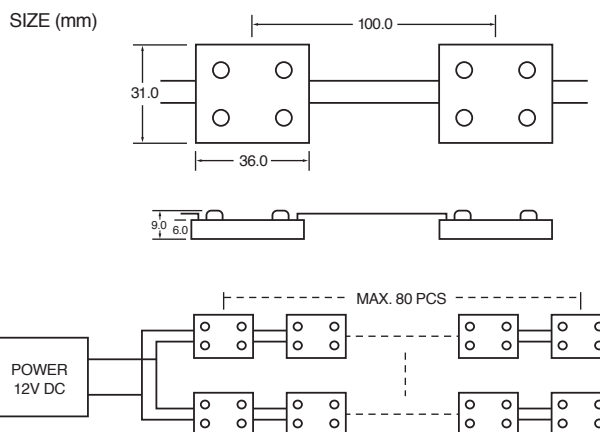
LP1060-12-GG-290** 60W maximum
Powers up to 240 red/yellow modules or 120 white/blue/green modules (maximum 80 modules per single run)

Specifications for above LED Drivers

- Full range input (100-240V AC)
- Single output, 12V DC output cUL 1310, cUL 48
- Class 2, PFC, IP66 enclosure CE, FCC Class B
- *Suitable for wet locations with junction box
- **Wet location approved housing
- **Wet location only with Approved Connectors and Endplates

SWITCHING MODE POWER SUPPLY

NN-LED-GPE401 Input 100-240V AC, 50/60 Hz, 1.0A
Output 12V, 3000 mA, 36 VA
Powers up to 140 red/yellow modules or 70 white/blue/green modules (maximum 80 modules per single run)
cUL approved
Indoor applications only



LED HIGH POWER BACK LIGHT SPECIFICATIONS

ITEM NO.	COLOUR OF LED	SIZE (mm)	NO. OF LED'S	VOLTAGE	CURRENT (mA)	POWER (W)	PACKING SIZE	QUANTITY PER PACKING
LBSL-AL-2P-12V	R, Y	36 x 31 x 9	4	12V DC	20	.24	145 x 70 x 70	20
LBSL-AL-2P-12V	G, B, W	36 x 31 x 9	4	12V DC	40	48	145 x 70 x 70	20