

## Solution for Double Side Light Box

### ITEM NO: DV-LSWM-1S3030-X-12-40P

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Dimension: L x W x H: 45x30x15mm.

LEDs Per module: 1led 3030

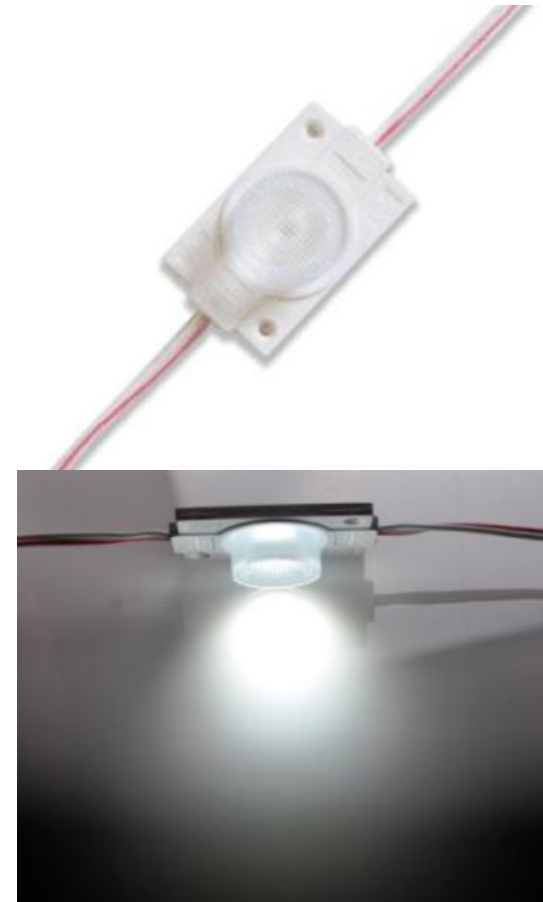
Operating temperature: -25°C to +60°C

Protection class: IP65

Life rating: >50,000hours

Storage: at <50°C ambient

Fastening: Sticker or Screw.





## White, 12V DC

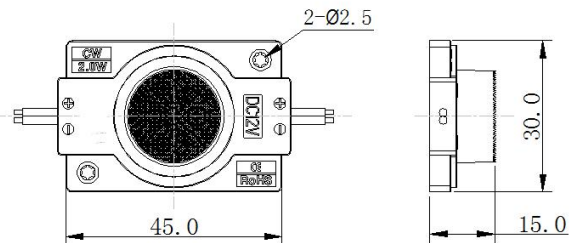
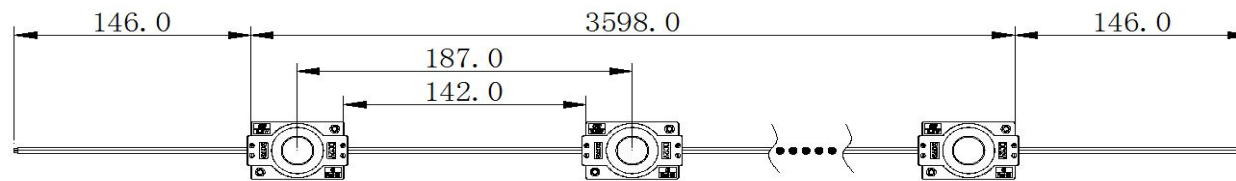
|                                      |                              |
|--------------------------------------|------------------------------|
| Color temperature                    | 3000K/4000K/7000K            |
| Standard Deviation Of color matching | <3sdcn                       |
| Voltage                              | DC12V                        |
| Power/Module(w)                      | 2.5W                         |
| Lumen/module                         | 275lm                        |
| Efficiency(lm/w)                     | 110lm/w                      |
| Beam Angle                           | 40x15°                       |
| Driving System                       | Constant voltage transformer |
| Max QTY in series                    | 20pcs                        |
| Warranty                             | 5years                       |
| Packaging                            | 100modules per bag           |



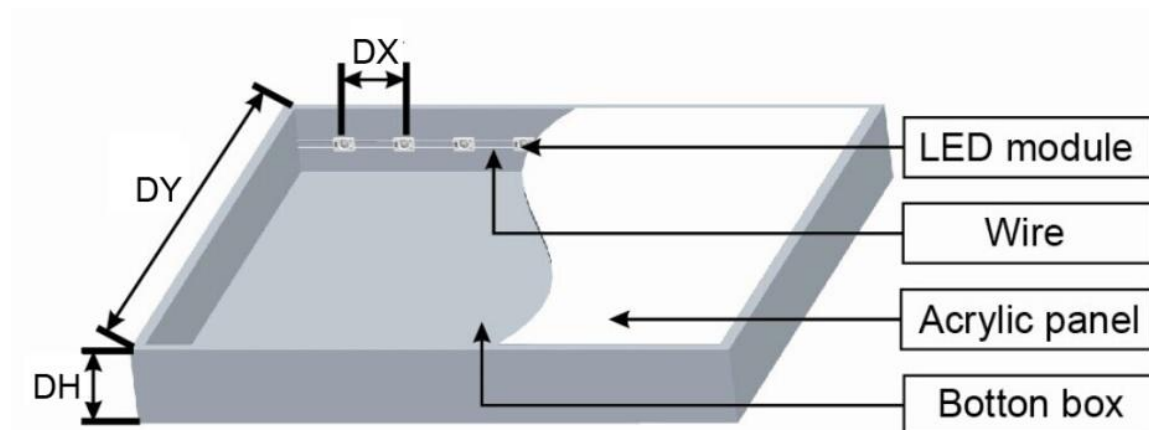
## Power Supply Capacity: 12V DC

| Watts of power supply              | LED module quantity |
|------------------------------------|---------------------|
| XLG-75-12(12V,60W Power supply)    | 19pcs               |
| XLG-100-12(12V,96W Power supply)   | 30pcs               |
| XLG-150-12(12V,150W Power supply)  | 48pcs               |
| XLG-200-12(12V,192W Power supply)  | 61pcs               |
| XLG-320-12(12V,216W Power supply)  | 69pcs               |
| ELG-300-12(12V,264W Power supply)  | 84pcs               |
| HLG-320H-12(12V,264W Power supply) | 84pcs               |

## Dimensions



## Application



**DH-Box thickness**

**DX-LEDs horizontal distance**

**DY-LEDs vertical distance**

| Item                                                       | Light box depth | Module Horizontal center distance | Module vertical center distance | Module layout density | Surface illumination |
|------------------------------------------------------------|-----------------|-----------------------------------|---------------------------------|-----------------------|----------------------|
|                                                            | dh (mm)         | dx(mm)                            | dy(mm)                          | (pcs/m <sup>2</sup> ) | (Lux)                |
| DV-LSWM-1S3030-X-12-40P                                    | 150             | 80                                | 1500                            | 24                    | 5820                 |
| Remarks: The Panel is 3mm acrylic board,60% transmittance. |                 |                                   |                                 |                       |                      |

## LED Light bar Description

High-power edge lighting LED modules, with multiple optic design technique, high light transmittance PMMA lens, 40\*15 degree beam angle, lighting average better than the other mid-power modules in lighting efficiency. Also the special circuit designed for the LED is made of constant current driver, reducing the fluctuating power efficiency. Another remarkable technique is the whole unit has been formed in one-time injection molding ABS cover, tightly sealed for the best protection when in use.



## Feature and Advantage

- ◆ This is high brightness SMD3030 LED with heat sink, good heat dissipation;
- ◆ We use constant current drive, which is ensuring full bunch in same brightness and stably working.
- ◆ Good quality Aluminum PCB is for LED and components working in a low temperature condition.
- ◆ Secondary optic design, high light transmittance Optical lens, 45\*15 degree beam angle, no bright dots, lighting evenly than normal module.
- ◆ Module is best sealed, moisture-proof, water-proof, dust proof and impact resistance .
- ◆ Waterproof degree is IP65 Protection level.
- ◆ Nice structure formed by one time injection molding technology.
- ◆ All of materials are accord with RoHS standards.
- ◆ Lifespan is long and low failure late.



## Light distribution curve & optical patterns

