

Lighting solution for Mini Channel letter-Waterproof Version, Outdoor Use

ITEM NO: DV-LSWM1S2835W12120

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Dimension: L x W x H: 8.5x6x3.2mm.

LEDs Per module: 1led

Operating temperature: -40°C to +60°C

Protection class: IP65

Life rating: >50,000hours

Storage: at <50°C ambient

Fastening: Sticker





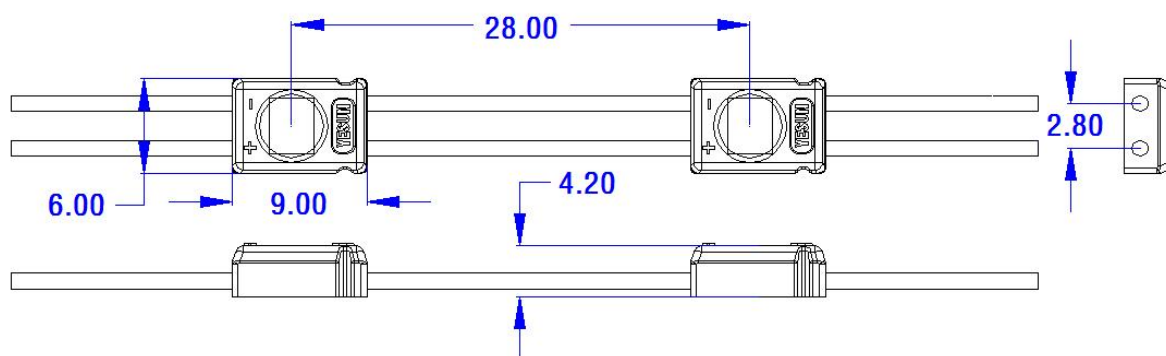
## White, 12V DC

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| Color temperature                    | 3000K/4000K/7000K                    |
| Standard Deviation Of color matching | <3sdcn                               |
| Voltage                              | DC 12V                               |
| Power/Module(w)                      | 0.24W                                |
| Lumen/module                         | 24lm                                 |
| Efficiency(lm/w)                     | 100lm/w                              |
| Beam Angle                           | 120°                                 |
| Driving System                       | Constant voltage transformer         |
| Module/chain                         | 100modules                           |
| Modules max in series                | 100modules                           |
| Warranty                             | 3years                               |
| Packaging                            | 100pcs per string;500modules per bag |

## Power Supply Capacity: 12V DC

| Watts of power supply              | LED module quantity |
|------------------------------------|---------------------|
| XLG-75-12(12V,60W Power supply)    | 200pcs              |
| XLG-100-12(12V,96W Power supply)   | 320pcs              |
| XLG-150-12(12V,150W Power supply)  | 500pcs              |
| XLG-200-12(12V,192W Power supply)  | 640pcs              |
| XLG-320-12(12V,216W Power supply)  | 720pcs              |
| ELG-300-12(12V,264W Power supply)  | 880pcs              |
| HLG-320H-12(12V,264W Power supply) | 880pcs              |

## Dimensions



## Density Guidelines

| Depth | MM on center standard face | Modules per 1square meter | Brightness of surface on acrylic sheet | Modules per meter |
|-------|----------------------------|---------------------------|----------------------------------------|-------------------|
| 60mm  | 150mm                      | 49pcs                     | 4580lux                                | 5pcs              |
| 80mm  | 150mm                      | 49pcs                     | 3680lux                                | 5pcs              |
| 100mm | 150mm                      | 49pcs                     | 2850lux                                | 5pcs              |
| 120mm | 150mm                      | 49pcs                     | 2250lux                                | 5pcs              |

## Application



## LED Module Description

11leds 120degrees module is high efficiency module, 100lm/W. Lifespan is more than 50,000hours, used as back light, in mini letter and signage . Waterproof degree of this item is IP65.

## Feature and Advantage

- ◆ Module is powered by 2835SMD,high efficiency
- ◆ Small size, for mini letter and small sign
- ◆ DC12V input, safe to use.
- ◆ Lifespan is more than 50,000hours.
- ◆ Module back side is adhesive tape.
- ◆ Waterproof IP grade is IP65.



## Light distribution curve & optical patterns

