



## Features >

- Sourced by high output 2835 LED, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM≤5 each BIN.
- Special lens design, 160°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 50 pcs Max. in a series connection.
- CE, RoHS and UL certified.

## Application >

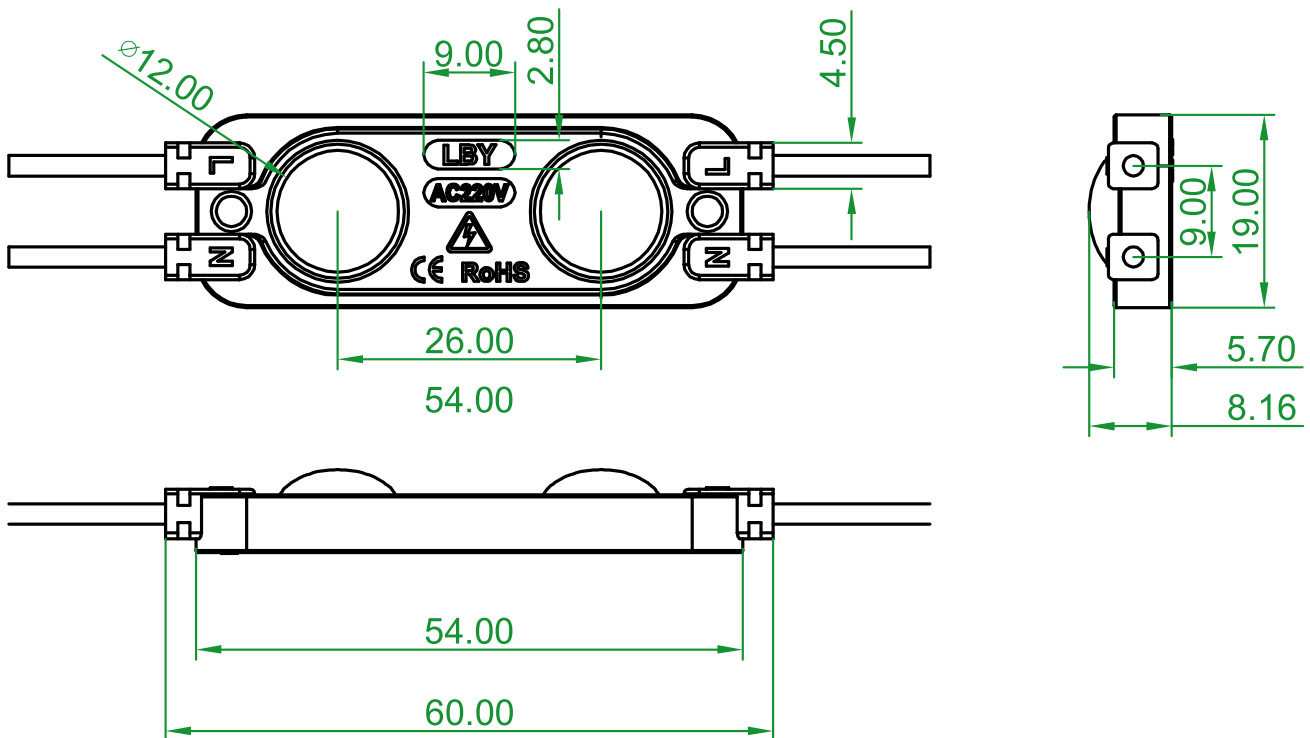
- Best for 6-15 cm depth signs at airports, metros, banks, buildings and shopping malls, etc.
- Best for 6-15 cm depth single-sided light box at airports, metros, banks, buildings and shopping malls, etc.

Parameters >

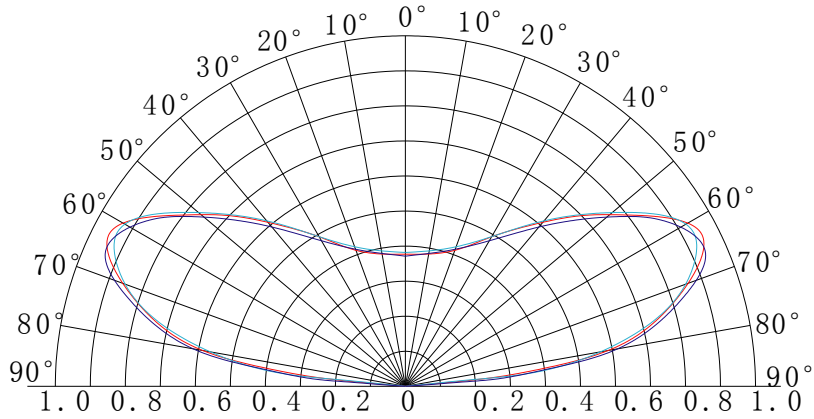
| Items                | Parameters             |
|----------------------|------------------------|
| Part Number          | ZE02QG1                |
| CCT ( K )            | 7000K                  |
| Beaming Angle ( ° )  | 160                    |
| CRI ( Ra )           | ≥70                    |
| Luminous Flux ( lm ) | 100                    |
| Voltage ( V )        | AC220V                 |
| Power ( W )          | 1.2                    |
| Driving Method       | Inner Constant Current |
| Dimension ( mm )     | 60*19*8.16             |
| Weight ( g )         | 12                     |
| Working Tem. ( °C )  | -25 ~ +60              |
| Storage Tem. ( °C )  | -25 ~ +70              |
| Protection Grade     | IP65                   |

Dimension >

Unit:mm



Beaming Angle >

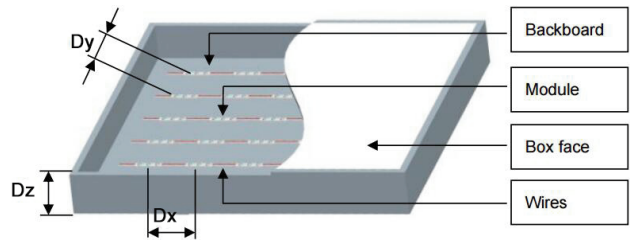


Reference Scheme >

| Depth(mm) | Distance(mm) | Density(pcs/m <sup>2</sup> ) | Illumination(lux) |
|-----------|--------------|------------------------------|-------------------|
| Dz=60     | Dx=60 Dy=60  | 105                          | 3200-3400         |
| Dz=80     | Dx=60 Dy=60  | 105                          | 2800-3200         |
| Dz=100    | Dx=60 Dy=60  | 105                          | 2400-2800         |
| Dz=120    | Dx=60 Dy=60  | 105                          | 2000-2400         |

Remark:

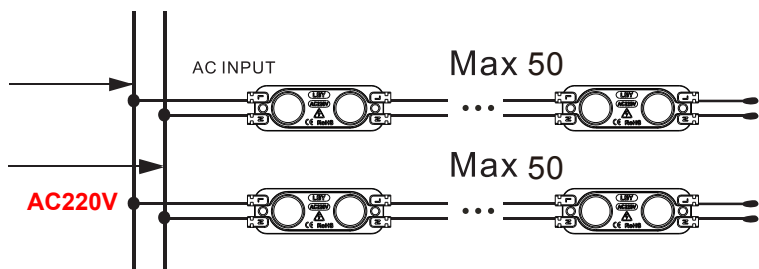
- The transmittance of the advertising fabric was 32%.
- The above data is for reference only.



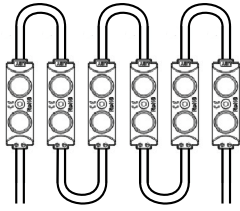
Wire Connection >

White&Red wire to positive

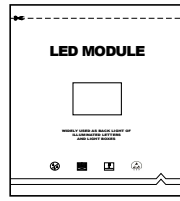
White&Black wire to negative



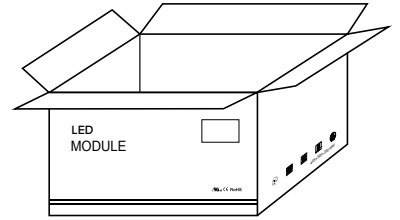
## Packing



50cs in a string



100pcs in a plastic tray



1000 pcs in a carton

## Packing Specification

- Packed in plastic tray.
- Packing information

| Part Number              | ZE02QG1     |
|--------------------------|-------------|
| Carton Dimension(mm)     | 490*450*220 |
| Trays per carton         | 20          |
| Quantity per carton(pcs) | 1000        |
| Net Weight(kg)           | 9.0(1±10%)  |
| Gross Weight(kg)         | 10.0(1±10%) |

Due to the packing manner difference, please subject to the original products in case of discrepancy found between the picture and actual product.

## Warning

- Disassembling or modifying the product is forbidden.
- Installation with power on is forbidden.
- Any organic solvent chemical is forbidden.
- Acidic or alkaline adhesive is forbidden when install, neutral glass cement could be used for installation purpose, make it drying in open environment for four hours.
- Isolation and corrosion prevention on all wiring points and wire ends.
- Make sure the power wire is thick enough and ensure the voltage and connections are connected correctly before power on.
- This product should be used in a sign, do not expose it in opening site.
- Installation, maintaining should be done by professional staff.
- 50 pcs in a serial connection maximum.
- The power wire between power supply and module should be less than two meters to keep the same brightness on all parts.
- Initial location with 3M tape, then secure with screws.

## Declaration



- Warranty: 3 years.
- In order to ensure the safety, the broken wires need to be replaced by the manufacturer or the service agent, or by the staff with the similar qualification.
- The given data in the specification was based on the laboratory testing, there may be discrepancy found in the actual products.
- The given drawings in the specification are only for reference, there may be discrepancy found in the actual products.
- The products are subject to change without prior notification.



**RoHS**

**Company Address:**

Rm. WS, 9F, LuBan Building, Hongli West Road, Futian District, Shenzhen, China 518034

**Factory Address:**

No. B, Xinyongfeng Industrial Area, Yingrenshi Village, Shiyuan Town, Bao'an District, Shenzhen, China 518000

**TEL:** +86-755-83544570

**FAX:** +86-755-83056229

**Website:** [www.lbyled.com](http://www.lbyled.com)

**E-mail:** [info@lbyled.com](mailto:info@lbyled.com)



**LBY LED®**  
signs never been so easy