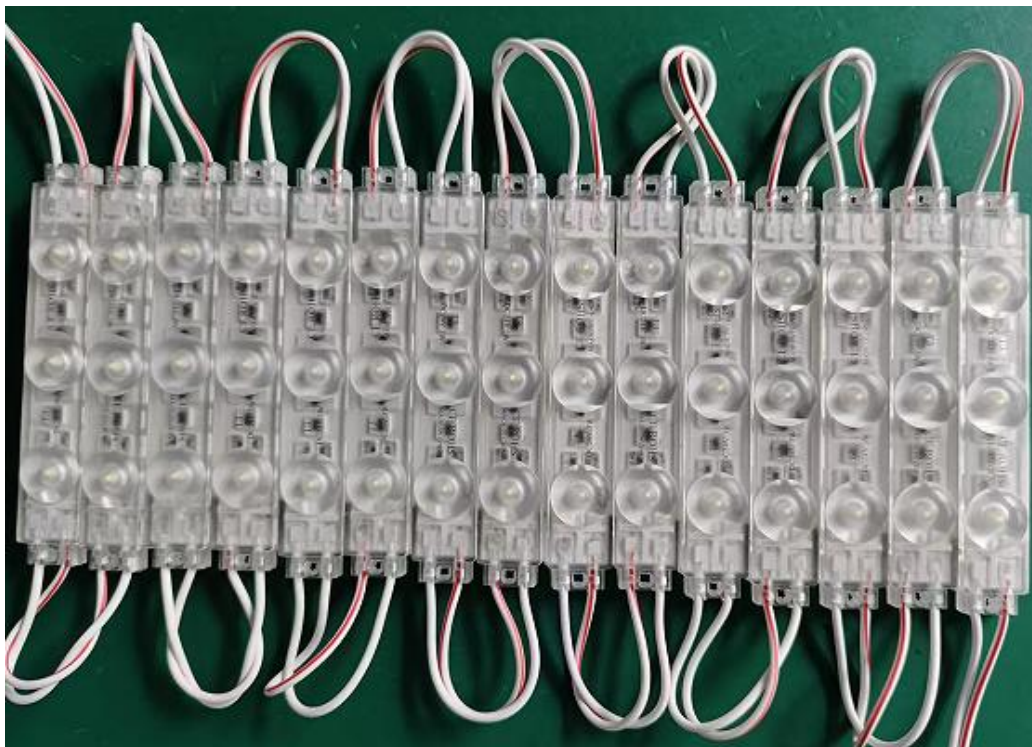


LED Module for for huge signage

Part No.:GMFT10016-3W3030



◆ Features

- ✧ Take 3030 LED as light source, make the color uniform, good consistency;
- ✧ Die-casted shell molding process, good and unique appearance. And good heat dissipation effect and can reach IP65
- ✧ High efficiency chip, high brightness and reliability
- ✧ Long life span
- ✧ DC12V/DC24V Low voltage input. Constant voltage design. environment friendly
- ✧ 20pcs modules a string. Using a series-parallel mixed design. You can cut at *random module*.

◆ Applications

The Giant LED Module with LENS are applicable for 13~25cm depth Signage. The LED have more than 160 degree view angle and CRI 80 which make your signage vivid and clear brighter. It is ideal choice for huge signage

◆ Parameters

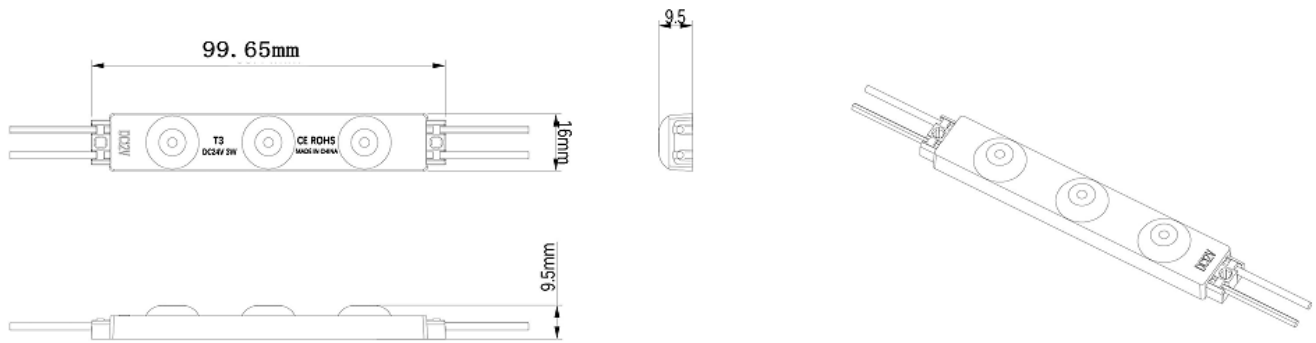
| Item No. | LED | Color | Color Temperature | Voltage | Power | Lumens | Efficiency | Beam Angle |
|-----------------|----------|-------|-------------------|-----------|-------|--------|------------|------------|
| MYF10016-3W3030 | SMD 2835 | White | 3000K /5000K | 12V/D2 4V | 2.8W | 245lm | 87lm/W | 160° |
| | | | 6500K/7500K | | | | | |

Other parameters:

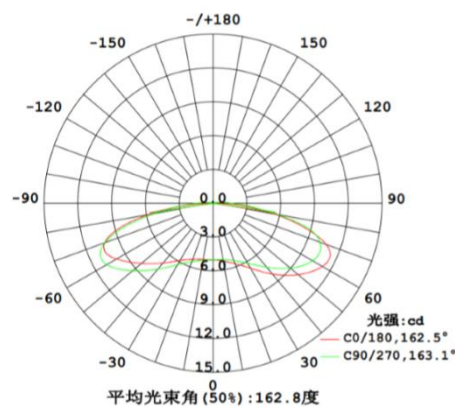
| Cascade Number | Outer color | Drive Mode | Weight (20pcs/chain) | Life Span | Work Temp. | Storage Temp. | Protect Level |
|----------------|-------------|------------------|----------------------|----------------|------------|---------------|---------------|
| 20 | White | Constant Voltage | 348g | 3years /30000H | -25--+60℃ | -25--+80℃ | IP65 |

◆ Dimensions (mm)

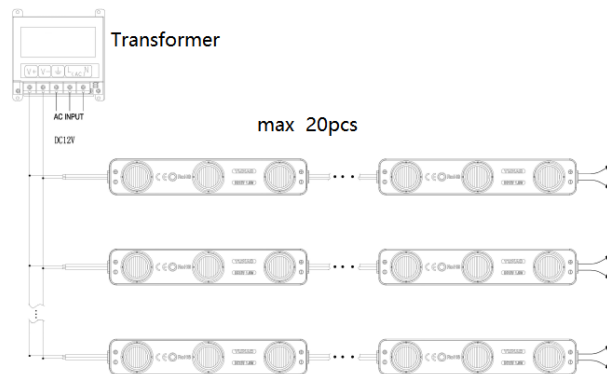
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◆ Lighting Distribution Curve



◆ Connection Guide



◆ Installation Guide

- Usually, main power cable dimension is 2x1.5mm². To prevent damage from overheating caused by overload, it is essential to take 0.81mm²/18# wire as main power cable if necessary. Cable length between power and module should not exceed 2m. If over 2m, it will increase total power consumption.
- Install as above instruction, standard cascade number is 20pcs/chain. Over connection is prohibited.
- Installation Guide A or B
- A. 1、Take off release paper from adhesive tape at the back of modules.
2、Stick modules inside light box or advertising signage for initial setting.

3、Fix module by glass glue at both sides of module.

- B. Fix by screw.
- Standard cascade number is 20pcs/chain; Cut into each piece as actual requirement.
- During the connection, use diagonal pliers to cut off power cable between modules, peel off the plastic around 10mm, wire the cables and then connect them to their respective isolation port (the white-red cable heads to positive, the white cable for negative). Do remember check the conductivity and reliability of the cable after the connection, generally, they can't be pulled out of the port by middling force.
- Peel off the cable coat by 10mm (around) then connect then into isolation port if there are extra cables for the chain-end module.
- Make sure that the waterproof and anti-corrosive reliability; grease some silicon glue (neutral glass glue or waterproof glue) into the connection port for further protection.
- Don't touch the product when they are electrified. LED modules can't be for outdoor usage directly.
- Advise to use SMPS with related safety certificate (with short circuit protection, overload protection and over-current protection)

◆ **Package information:**

20pcs modules per chain; 2chains per anti-static bag; 15bags per carton; Total 600pcs in one carton.