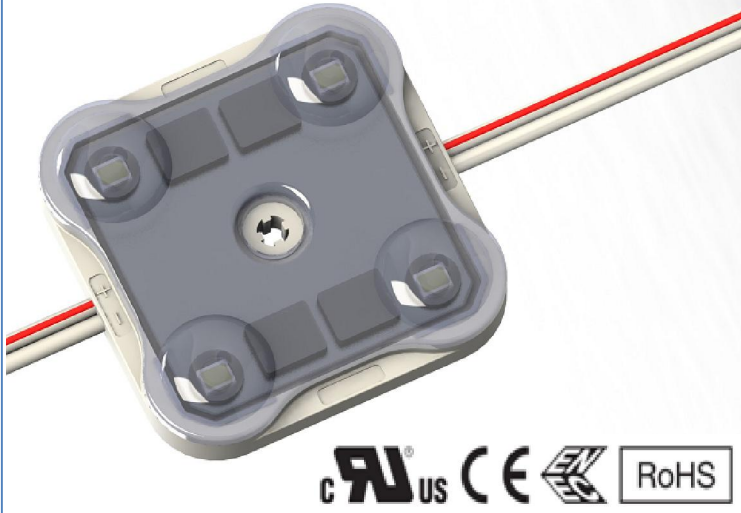


UL listed Injection Module

M24GX04A



Areas of application

- Signage and illuminated advertising.
- Best for 180~350mm depth light boxes and channel letters.
- Permanent outdoor use in enclosed light boxes or channel letters.

Product features

- Chain of 20 pcs LED modules.
- High efficiency LED.
- High color consistency (MacAdam 4).
- Beam characteristic: 160°.
- Protection class of LED module: IP67.
- Flexible chain, can be split between any module.
- Mounting with screw or premounted double-sided adhesive tape possible.
- Nominal life-time up to 50,000 h (at tc 50°C).
- Module size:
42 x 42 x 10 mm.

Application data

| | |
|-------------------------------|-----------------|
| Max connection number | 20 pcs |
| Distance of modules (wire) | 250 mm |
| Ambient temperature ta | -25 ~ +50 °C |
| Max. temperature on module tc | 65 °C |
| Storage temperature ts | -40 ~ +85 °C |
| Risk group (EN 62471:2008) | 1 |
| Certification list | CE/UL/ENEC/RoHS |

Technical data

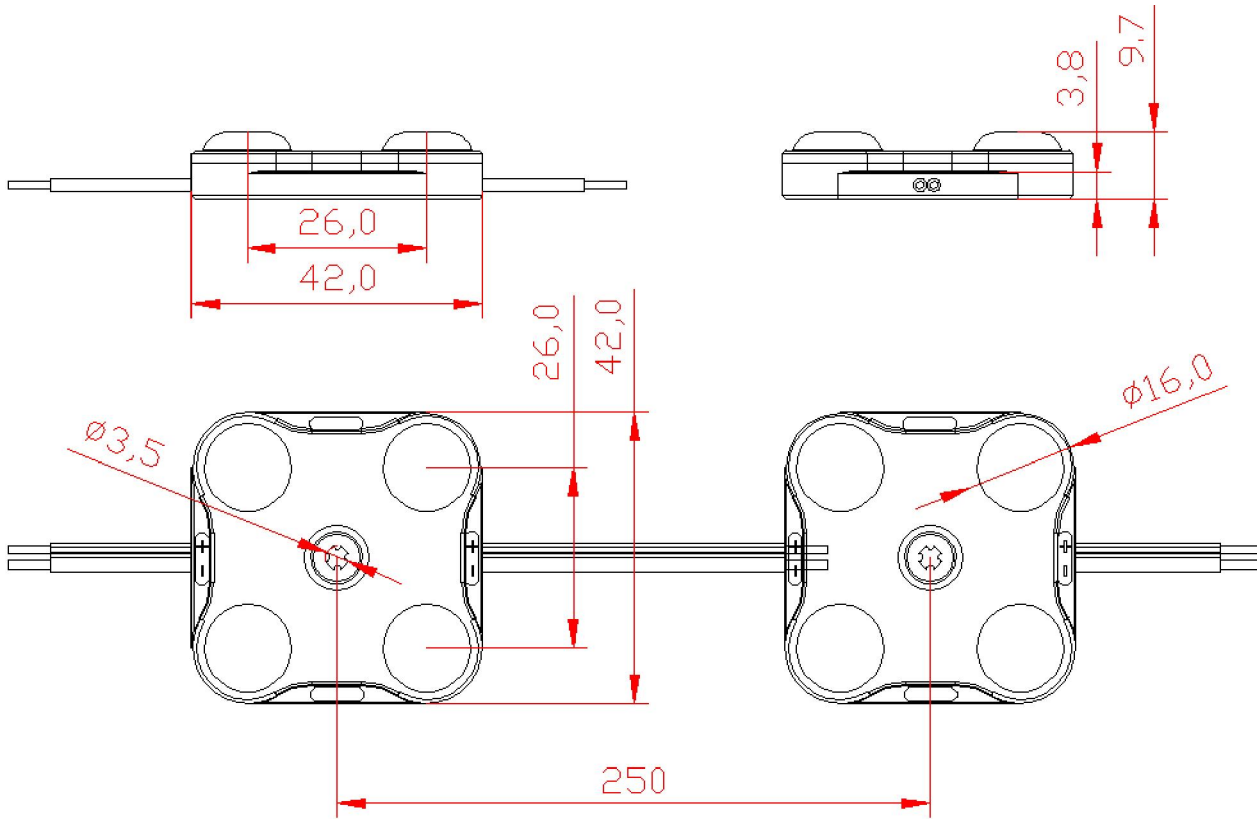
| Product Name | Nominal voltage ^③ | Color temperature or Wavelength ^{①②} | CRI ^{①②} | Typ. Flux per module ^{①②} | Typ. Power per module ^{①②} | Luminous efficacy |
|--------------|------------------------------|-----------------------------------------------|-------------------|------------------------------------|-------------------------------------|-------------------|
| M24GN04A | 12.0 V | 2700~3300 K | >70 | 168 lm | 2 W | 84.0 lm/W |
| M24GW04A | 12.0 V | 5500~6500 K | >70 | 168 lm | 2 W | 84.0 lm/W |
| M24GW04A | 12.0 V | 8000~17000 K | >70 | 168 lm | 2 W | 84.0 lm/W |

① Tolerance range for optical and electrical data: -15/+15 %.

② All value @ ta=25°C.

③ Tolerance range for the supply voltage: 12 V: ±5 %.

Product 2D drawing (unit: mm)



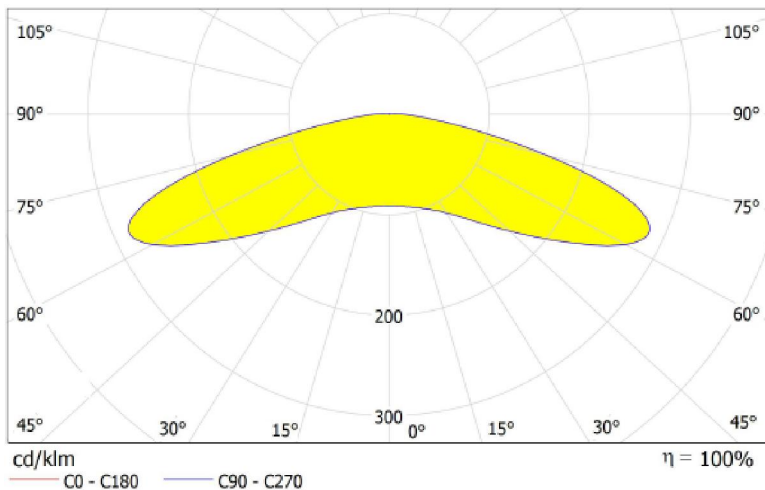
Wiring type

| | | |
|----------|---------------|-------|
| Cable | UL 1007 18AWG | |
| Color | red - white | white |
| Function | + | - |

Wiring example:

Light distribution

Beam characteristics 160°



Notes:

- The power cable should meet the actual maximum current and power.
- All the end point of wire should be treated with waterproof;
- Pay attention to the maximum number of connections, prohibit overloading.
- All the power supply must has the corresponding certification.
- Our company reserves the right of final interpretation.
- Subject to change without notice.