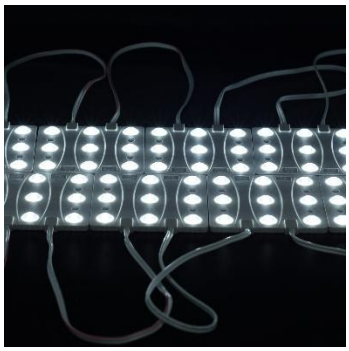
**Sign LEDs & Accessories**

# LM9-7007

10 YEARS WARRANTY

| | | | |
|---|---|---|---|
| 5 - 10″ | 104 LM/W | DC12V 7W | LM-79 LM-80 |
| 170° | True 7000K | +3,000 lux 5″ depth | IP65 |



***High-Lumen Output LED Modules***

5″~10″ | Pylon signs and sign boxes

730 lm per module | 104 lm/W

7W, DC12V

True 7000K light reproduction

RoHS

LLA LED

www.LLA-LED.com

# LM9-7007

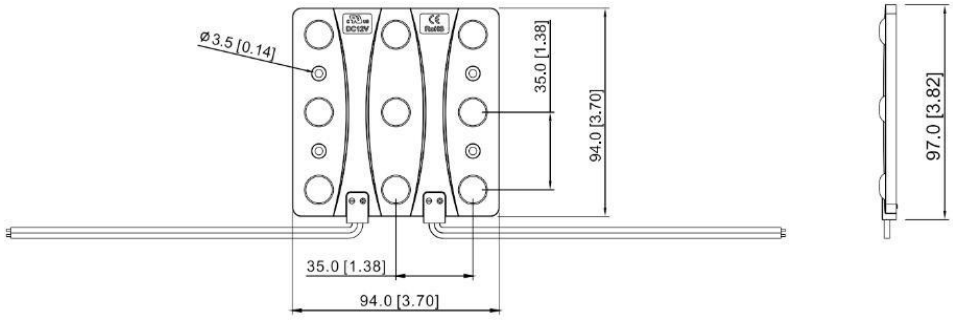
5 - 10″ | 104 LM/W | DC12V 7W | LM-79 LM-80

170° | True 7000K | +3,000 lux 5″ depth | IP65

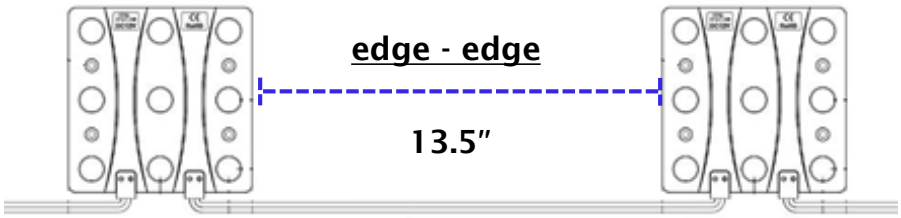
10 YEARS WARRANTY

| | |
|---|---|
| LED Type | 3030 SMD |
| LED Quantity | 9 |
| Power | 7W |
| Working Voltage | DC12 |
| Luminous Flux | 730 LM |
| Ra | ≥75 CRI |
| Beam Angle | 170° |
| Driving mode | Constant current |
| Dimension | 94 * 94 * 7.8 mm |
| Color Temperature | 7000K |
| Cascade | Max. 9 mods single-ended power feed<br>Max. 18 mods double-ended power feed |
| IP Rating | IP65 |
| Working Temp. | -25 ~ 60℃ |

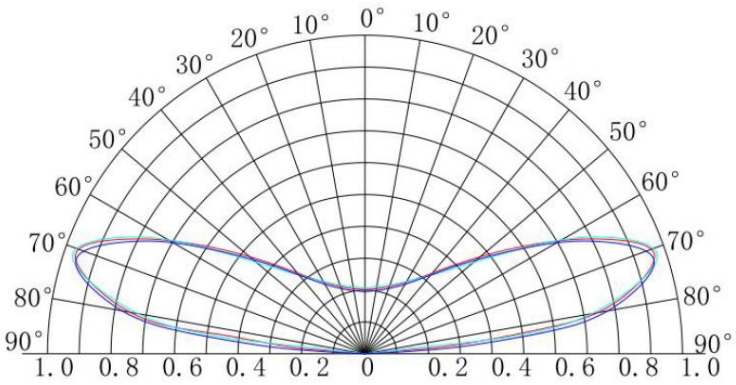
## Dimensions



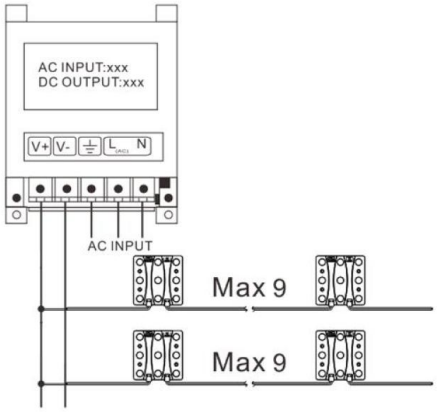

## Pylon signs / Sign Boxes (7" ~ 8"depth)




## Light Distribution



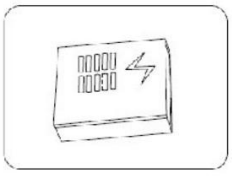
## Installation Diagram

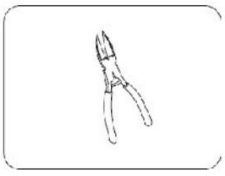


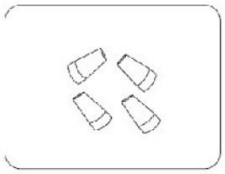

LM9-7007 = Max. 9 mods per chain @ single-end power feed
Max. 18 mods per chain @ double-end power feed

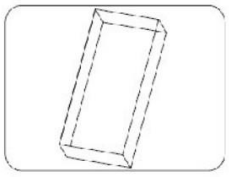
## Installation Procedure

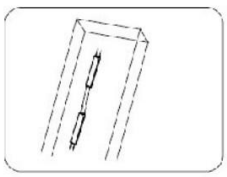
Product to be installed

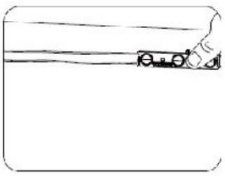

LED power supply

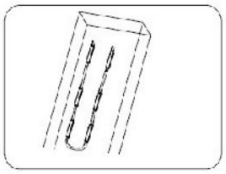

Diagonal pliers


Wiring terminal


1. Cleaning the installation area


2. Tear the adhesive and paste it


3. Fix products and connect to power


4. Light up for test

## Fastening

Foam tape + Mechanical

## Warning

- Incorrect connection may cause short circuit and product failure
- Make sure power supply is unplugged during LED wires connection
- Power supply should be DC12V

## Caution

- Please install in accordance with national standards and local electrical appliance specifications.
- This product must be installed and maintained by an electrician or other professional who has obtained the electrical operation certificate.
- Before installation, please check whether the product parameters are consistent with the requirements (product parameters could be found on product specification or label).
- Connect wires according to wiring diagram. Avoid short circuit during the connection.
- All connection points must be effectively insulated, waterproof and corrosion resistant.
- This series of products does not have short circuit, overload protection functions, the selected power supply must have short circuit, overload protection and other functions.
- The output voltage of the power supply must match the operating voltage of the module.
- Low-voltage products should reserve 20%-30% margin according to the actual power of the driven LED module when selecting the switching power supply.
- The wire diameter of the module connected to the power supply should be 18AWG or bigger guage, and the margin should be enlarged appropriately according to the actual current.
- The maximum number of modules used per string should not exceed the number of cascades in the above specification, otherwise brightness will be affected and there may be security risks.
- Wiring of the polarity can not be reversed, red wire is for positive, and white for negative.
- Products can not been installed in combustibles, or covered by thermal gaskets or similar materials.
- When installing or replacing a product, disconnect the power supply to ensure personal safety. Installation personnel must take ESD preventive measures, power supply must be effectively grounded.

## Declaration

- The data listed in this product specification are typical values for reference only, specific parameters are subject to the actual measurement report.
- All product illustrations in this product specification are schematic drawings, details are subject to the actual received goods.
- If there are upgrade parameters, please obtain new information from your sales representative.