

# Waterproof LED Module

## PWM9607-1YL2835T-xx-12v/IP67



Designed for channel letter illumination in signage applications, the PWM9607-1YL2835T module is suitable for 3-10cm depth letter illumination & provides bright and even illumination. Supplied in pre-wired chains of 100 pcs with 28mm link wires. Fixing is facilitated by 3M adhesive tape.

Compact module 9.6x6.8x4.8mm  
High performance 2835 LED emitter  
Low voltage operation 12vdc  
Low power consumption  
Waterproof housing rated IP67  
Wide 120° angle of emission

| ELECTRICAL SPECIFICATIONS |               |
|---------------------------|---------------|
| Parameter                 | Rating        |
| Input Voltage             | 12vdc         |
| Current Consumption       | 16.7mA/module |
| Power Consumption         | 0.2W/module   |

| LIGHTING PERFORMANCE |               |
|----------------------|---------------|
| Efficiency           | >100lm/W      |
| Lifetime             | >20,000 hours |
| Viewing Angle        | 120°          |

| ENVIRONMENTAL  |                |
|----------------|----------------|
| Parameter      | Rating         |
| Operating Temp | -20°C to +60°C |
| Storage Temp   | -25°C to +70°C |

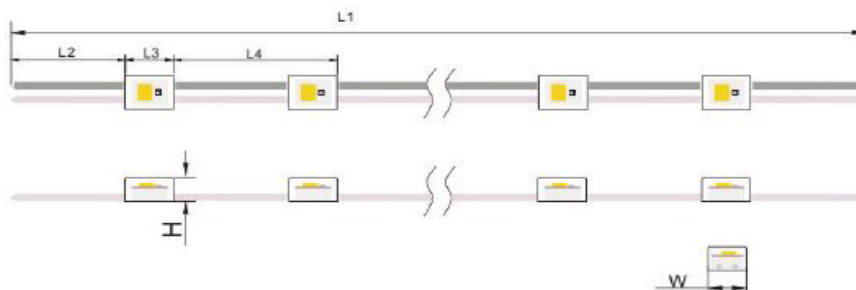
| MECHANICAL DETAIL |               |
|-------------------|---------------|
| Dimensions        | 9.6x6.8x4.8mm |
| Weight            | 0.5g/module   |
| Environmental     | IP67          |
| Approvals         | CE and UL     |

### Specifications

| PART NUMBER            | COLOUR        | CCT        | VOLTAGE | CURRENT (module)         | POWER (module)         | LUMINOUS FLUX (module) typ |
|------------------------|---------------|------------|---------|--------------------------|------------------------|----------------------------|
| PWM9607-1YL2835TPW-12v | Pure White    | 6000~6500K | 12vDC   | 16.7mA<br>X100<br>=1.67A | 0.2W<br>x 100 =<br>20W | 26 lm                      |
| PWM9607-1YL2835TCW-12v | Natural White | 4000~4500K |         |                          |                        | 26 lm                      |
| PWM9607-1YL2835TCW-12v | Warm White    | 3000~3300K |         |                          |                        | 26 lm                      |

### Module Dimensions

Unit: mm/inch



Grey Wire +ve

100pcs/chain

| Model | L1        | L2         | L3        | L4        | W         | H         |
|-------|-----------|------------|-----------|-----------|-----------|-----------|
|       | 2846[112] | 23.0[0.79] | 9.0[0.35] | 28.0[1.1] | 6.8[0.27] | 4.8[0.19] |

#### Notes:

Use in conjunction with constant voltage 12v max LED drivers  
These modules are designed for low voltage operation and must not be connected directly to ac mains supply  
Luminous flux values quoted are typical. Please contact our office for the latest intensity yields  
Specifications may be subject to change without notice