

Waterproof LED Module

PWM96-1YL2835T-xx-12v/IP67



Designed for channel letter illumination in signage applications, the PWM96-1YL2835T 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

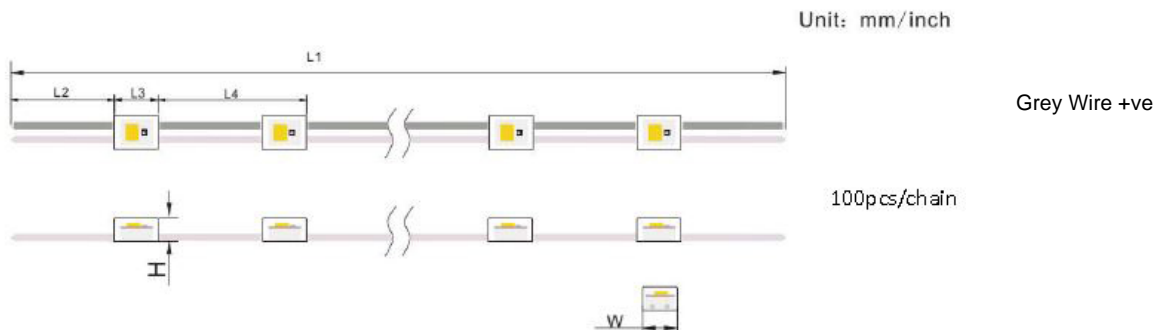
ENVIRONMENTAL	
Parameter	Rating
Operating Temp	-20°C to +60°C
Storage Temp	-25°C to +70°C

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
PWM96-1YL2835TPW-12v	Pure White	6000~6500K	12vDC	16.7mA X100 =1.67A	0.2W x 100 = 20W	20 lm
PWM96-1YL2835TCW-12v	Natural White	4000~4500K				20 lm
PWM96-1YL2835TCW-12v	Warm White	3000~3300K				20 lm

Module Dimensions



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