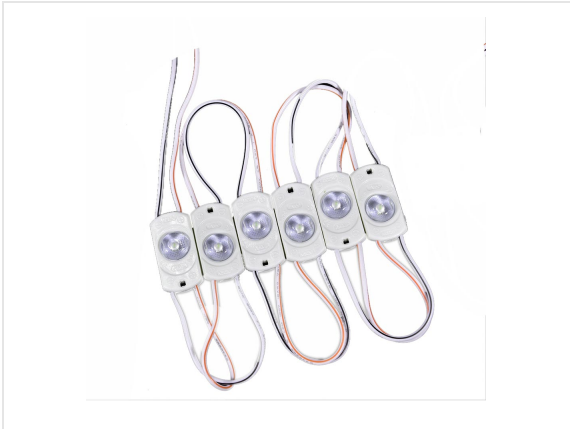




SMD2835 LED Module, 12VDC 1W
IP68 Injected, 170° Beam Angle

- Injected shell housing rated IP68 for dust and water submersion protection
- Delivers 44 lm output through a wide 170° beam angle
- Operates at 12VDC with 1W power consumption
- Uses SMD2835 LED chip technology
- Rated for 50,000 hour LED lifetime
- Backed by a 1 -year manufacturer warranty

OVERVIEW

The 7-28×1W-UL is a compact SMD2835 LED module designed for integration into commercial and industrial lighting assemblies, signage, and both indoor and outdoor fixture applications where a low -profile, submersible light source is required.

The module operates at 12VDC with a power draw of 1W and delivers 44 lm through a wide 170° beam angle, supporting broad, even light distribution. Its injected shell construction and IP68 rating provide full protection against dust ingress and continuous water submersion, making it suitable for demanding installation environments. The LED is rated for a 50,000 hour service life.

The module is backed by a 1 -year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	44 lm
Beam Angle	170°
LED Chip Type	SMD2835
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	17 × 9.5 × 1 in
Material	Injected shell
Weight	1.4 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	1 W

ENVIRONMENTAL

IP Rating	IP68
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APPLICATIONS

- Illuminated channel letters
- Backlit signage panels
- Indoor display cabinets
- Outdoor sign fixtures
- Low -profile accent lighting

slug	value	source	confidence
lumens	44 lm	pdf	high
beam_angle_deg	170°	pdf	high
led_chip_type	SMD2835	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	1 W	db	high
product_dimensions	17 × 9.5 × 1 in	db	high
material	Injected shell	pdf	medium
weight	1.4 lb	db	high
ip_rating	IP68	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY