



LED Sign Module, SMD5730 Chip,
12V/3W, IP65, 9000K, 125lm Output

- SMD5730 LED chip outputs 125 lm at 9000K color temperature
- Operates at 12V, drawing 3W per module
- IP65-rated housing for outdoor and exposed installations
- 180° beam angle provides wide illumination coverage
- Rated ambient operating range of -30°C to 50°C
- UL, CE and RoHS certified with 1-year warranty

OVERVIEW

The 7-57x3W-UL-HM is a compact SMD5730 LED module intended for illuminated signage, channel letters, and light box backlighting. The PVC injected shell forms a durable, weather-resistant housing suitable for indoor and outdoor mounting.

Each module operates at 12V and draws 3W, producing 125 lumens at a 9000K color temperature across a 180° beam angle. The IP65 rating protects against dust ingress and low-pressure water jets, and the module is rated for ambient operation from -30°C to 50°C, with a rated LED lifetime of 50,000 hours.

The module carries UL, CE, and RoHS certification and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	125 lm
Color Temperature	9,000 K
Beam Angle	180°
LED Chip Type	SMD5730
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	10.5 × 6.5 × 2 ft
Finish	White
Material	PVC
Weight	10 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	3 W

ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-30-50 °C -22-122 °F

CERTIFICATIONS & COMPLIANCE

CE

CE

RoHS

RoHS Compliant

UL

UL Listed

APPLICATIONS

- Illuminated channel letters
- Sign light boxes
- Architectural accent lighting
- Advertising display backlighting
- Outdoor commercial signage

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	125 lm	db	high
cct_k	9,000 K	db	high
beam_angle_deg	180°	db	high
led_chip_type	SMD5730	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	12 V	db	high
wattage	3 W	db	high
product_dimensions	10.5 × 6.5 × 2 ft	db	high
finish	White	db	high
material	PVC	db	high
weight	10 lb	db	high
ip_rating	IP65	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.