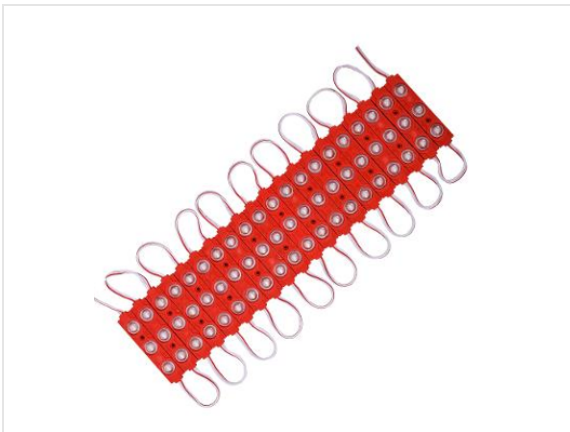




Red SMD5730 LED Sign Module, 12V 0.72W, IP67, 20-Module Set

- SMD5730 LED chip delivers 110 lumens in red output
- IP67 - rated PVC shell suited to outdoor sign environments
- Operates at 12V DC, drawing 0.72W and 60mA per module
- Rated for 50,000 -hour LED lifetime and 180° beam angle
- Compact 78×15×5mm module footprint for tight sign channels
- CE and RoHS certified, backed by 1 -year warranty

OVERVIEW

The 7-57×3R-AK is a red SMD5730 LED module designed for channel letter illumination, sign backlighting, and accent lighting in both indoor and outdoor installations. The PVC-encased module operates at 12V DC and draws 60mA, making it compatible with standard low-voltage LED drivers and sign cabinet power supplies.

Each module consumes 0.72W and delivers 110 lumens in a red output, housed in a compact 78×15×5mm form factor. The IP67-rated enclosure provides protection against dust ingress and temporary water immersion, supporting exterior signage and exposed installation environments. Rated LED lifetime is 50,000 hours with a 180° beam angle for wide light distribution.

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

SPECIFICATIONS

OPTICAL

Luminous Flux	110 lm
Color Temperature	6,000 K
Beam Angle	180°
LED Chip Type	SMD5730
LED Lifetime	50,000 h
Light Color	Red

MECHANICAL

Product Dimensions	9 × 3 × 1 in
Finish	Red
Material	PVC
Weight	0.4 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	0.72 W
Current Draw	0.06 A

ENVIRONMENTAL

IP Rating	IP67
Ambient Operating Temperature	-30–50 °C -22–122 °F

CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant

APPLICATIONS

- Channel letter illumination
- Exterior sign backlighting
- Accent lighting for signage
- Indoor sign cabinet lighting
- Outdoor commercial signage

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	110 lm	db	high
cct_k	6,000 K	db	high
beam_angle_deg	180°	db	high
led_chip_type	SMD5730	db	high
led_lifetime_h	50,000 h	db	high
color	Red	db	high
operating_voltage	12 V	db	high
wattage	0.72 W	db	high
current_draw	0.06 A	pdf	high
product_dimensions	9 × 3 × 1 in	db	high
finish	Red	db	high
material	PVC	db	high
weight	0.4 lb	db	high
ip_rating	IP67	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.