



20-Module SMD5730 LED Module Strip, 12VDC, IP67, Daylight White

- 20-module SMD5730 LED array on a 12VDC input
- Delivers 495 lumens at 3W total draw
- 6000K daylight white output with 165 lm/W efficacy
- IP67-rated inject-molded PVC shell for dust and water immersion protection
- Rated for -30°C to 50°C ambient operating range
- 180° beam angle for wide light distribution

OVERVIEW

The 7-57x3W is an SMD5730 LED module strip configured as a 20-module array, operating on 12VDC. It is suited for commercial and industrial signage work, including channel letters, display cabinets, and landscape lighting, in both indoor and outdoor environments.

The strip draws 3W total and delivers 495 lumens of daylight white light at 6000K, with an efficacy of 165 lm/W and a 180° beam angle. Its IP67-rated, inject-molded PVC construction protects against dust ingress and water immersion up to 1 meter, and the module is rated for ambient temperatures from -30°C to 50°C.

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

SPECIFICATIONS

OPTICAL

Luminous Flux	495 lm
Efficacy	165 lm/W
Color Temperature	6,000 K
Beam Angle	180°
LED Chip Type	SMD5730
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Finish	White
Material	PVC

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	3 W

ENVIRONMENTAL

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

CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant

APPLICATIONS

- Channel letter signage
- Display cabinets
- Storefront signage lighting
- Landscape lighting
- Outdoor commercial signage

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	495 lm	db	high
efficacy_lm_per_w	165 lm/W	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	White	db	high
operating_voltage	12 V	db	high
wattage	3 W	db	high
finish	White	db	high
material	PVC	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.