



Rigid LED Sign Module 6W 12V DC
6500K Narrow Beam, 450lm

- Three Toshiba SMD3525 LEDs producing 450 lumens at 6500K
- Narrow 10×30-degree beam angle with integrated lens
- Operates on 12V DC, drawing 6 watts
- Rated LED lifetime of 50,000 hours
- Compact dimensions of 10 in x 1 in x 5/8 in
- 1-year warranty coverage

OVERVIEW

The 7-RSL10-12V-6W is a compact rigid LED sign lighting module built around three Toshiba SMD3525 LEDs, designed for precision spot illumination in commercial and residential installations. The narrow 10×30-degree beam angle and integrated lens make it well suited for accent lighting, display case illumination, and targeted task lighting where controlled light placement is required.

Operating on 12V DC, the unit draws 6 watts and delivers 450 lumens of 6500K cool white light, with a rated LED lifetime of 50,000 hours.

The module is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	450 lm
Color Temperature	6,500 K
Beam Angle *	30°
LED Chip Type	SMD3525
LEDs per Segment	3
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	10in x 1in x 5/8in
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ELECTRICAL

Operating Voltage	12 V
Wattage	6 W

ORDERING

Warranty	1 y
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APPLICATIONS

- Sign face illumination
- Display case lighting
- Accent and task lighting
- Indoor and outdoor commercial installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	450 lm	pdf	high
cct_k	6,500 K	pdf	high
beam_angle_deg	30°	pdf	low

slug	value	source	confidence
led_chip_type	SMD3525	pdf	high
leds_per_segment	3	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	6 W	db	high
product_dimensions	10in x 1in x 5/8in	pdf	high
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.

Specifications subject to change without notice.

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