



Rigid LED Modules, DC12V 2.5W
SMD3535, 6500K, 40° Beam, IP68, 10-Pack

- Operates on 12V DC input at 2.5W per module, 22.5W total for the 10-pack
- SMD3535 LED chip produces 6500K cool white output
- 40-degree beam angle lens for directional accent lighting
- IP68 rating confirms dust-tight and submersible construction
- Compact 45×30mm module size for integration into tight fixtures
- Rated for 50,000-hour LED lifetime with 1-year warranty

OVERVIEW

The 7-RSL-12V-2.5W-UL is a rigid LED module set intended for landscape, architectural, and sign lighting applications requiring directional accent illumination. Sold as a 10-module set, each unit operates on a 12V DC input and draws 2.5W, totaling a 22.5W combined load for the set. The SMD3535 chip emits a 6500K cool white output through a 40-degree beam angle lens, suited for tight or recessed mounting where directional light control matters.

Each module measures 45×30mm and carries an IP68 rating, indicating dust-tight construction and resistance to continuous submersion, making the modules suitable for wet, outdoor, or subgrade signage and landscape fixtures. Rated LED lifetime is 50,000 hours, and the product is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Color Temperature	6,500 K
Beam Angle	40°
LED Chip Type	SMD3535
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	45×30mm
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ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	22.5 W

ENVIRONMENTAL

IP Rating	IP68
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APPLICATIONS

- Landscape accent lighting
- Architectural facade illumination
- Channel letter and sign lighting
- Submerged or subgrade fixtures
- Outdoor wet-location installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cct_k	6,500 K	pdf	high

slug	value	source	confidence
beam_angle_deg	40°	pdf	high
led_chip_type	SMD3535	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	22.5 W	db	high
product_dimensions	45×30mm	pdf	high
ip_rating	IP68	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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