



LED High Power Module 12V 1.32W
SMD3030 8000K 10°x65° IP65

- Operates on 12V DC supply, drawing 1.32W
- SMD3030 chip technology for directional output
- 10° horizontal x 65° vertical beam angle
- 8000K cool white color temperature
- IP65 rated for dust and water-jet resistance
- Rated LED lifetime of 50,000 hours

OVERVIEW

The 7-RSL-12V-1.32W-UL is an LED high power module designed for integration into commercial and industrial sign lighting fixtures requiring precise, directional illumination. Built with SMD3030 technology, it operates on a 12V DC supply and suits applications where a narrow horizontal beam and controlled vertical spread are needed.

The module draws 1.32W and produces a cool white output at 8000K color temperature, with a 10° horizontal by 65° vertical beam angle for targeted light distribution. An IP65 rating confirms resistance to dust ingress and low-pressure water jets, making it suitable for semi-exposed or wash-down environments. The compact 45x30mm footprint supports straightforward integration into existing sign or fixture designs, and the module carries a rated LED lifetime of 50,000 hours.

The module is backed by a 1-year warranty. Contractors and specifiers should confirm project-specific compliance requirements directly with Poli LED & Signs prior to specification.

SPECIFICATIONS

OPTICAL

Color Temperature	8,000 K
Beam Angle *	65°
LED Chip Type	SMD3030
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	45x30mm
--------------------	---------

ORDERING

Warranty	1 y
----------	-----

ELECTRICAL

Operating Voltage	12 V
Wattage	1.32 W

ENVIRONMENTAL

IP Rating	IP65
-----------	------

APPLICATIONS

- Channel letter sign illumination
- Backlit sign panels
- Display case lighting
- Architectural sign accents

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cct_k	8,000 K	pdf	high

slug	value	source	confidence
beam_angle_deg	65°	pdf	low
led_chip_type	SMD3030	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	1.32 W	db	high
product_dimensions	45×30mm	pdf	high
ip_rating	IP65	pdf	high
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.

REVIEW COPY