



40 in. LED Light Bar, 12V DC, 27W, 8000K, 10×30° Beam Angle

- 40 in. long light bar with 1 in. width and 1 in. height profile
- Operates on 12V DC, drawing 27W of power
- Delivers 3,240 lumens at 8000K color temperature
- Uses SMD3030 LED chips across 18 LEDs per bar
- Adjustable 10×30° beam angle for focused light placement
- Rated for 50,000 hours of LED lifetime

OVERVIEW

The 7-RSL40-12V-27W is a 40 in. LED light bar designed for high-output supplemental lighting in commercial, industrial, and outdoor applications. Its low-profile construction supports installation in a range of environments where a compact, rigid light source is required.

The fixture operates on 12V DC and draws 27W, delivering 3,240 lumens at an 8000K color temperature for a crisp, cool white output. SMD3030 LEDs provide the light source, with an adjustable 10×30° beam angle allowing for focused light placement suited to task or accent lighting needs. Rated LED lifetime is 50,000 hours.

The product is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	3,240 lm
Color Temperature	8,000 K
Beam Angle *	30°
LED Chip Type	SMD3030
LEDs per Segment	18
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	41 × 1 × 1 in
Weight	0.6 lb

ELECTRICAL

Operating Voltage	12 V
Wattage	27 W

ORDERING

Warranty	1 y
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APPLICATIONS

- Signage backlighting
- Commercial display lighting
- Industrial task lighting
- Outdoor accent lighting
- Cabinet and shelf lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	3,240 lm	pdf	high
cct_k	8,000 K	pdf	high
beam_angle_deg	30°	pdf	low

slug	value	source	confidence
led_chip_type	SMD3030	pdf	high
leds_per_segment	18	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	27 W	db	high
product_dimensions	41 × 1 × 1 in	db	high
weight	0.6 lb	db	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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