



- ### 40 in. LED Light Bar, 12V DC, 45W, 8000K, 10×30° Lens, SMD3535
- Operates on 12V DC, drawing 45W of power
 - Produces 3,240 lumens per bar for high-output illumination
 - SMD3535 LED chips in an 18-chip configuration
 - 10×30° lens delivers a narrow, focused beam pattern
 - Color temperature rated at 8000K for cool white light
 - Rated for 50,000 hours of LED lifetime

OVERVIEW

The 7-RSL40-12V-45W is a 40 in. LED light bar designed for high-output, focused illumination in vehicle, outdoor, and large-space applications. Its compact profile—40 in. long by 1 in. wide by 5/8 in. tall—allows for straightforward installation in space-constrained environments.

The unit operates on 12V DC and draws 45W, producing 3,240 lumens per bar from SMD3535 LED chips arranged in an 18-chip configuration. A 10×30° lens provides a narrow, directed beam pattern suited to long-range or spot-lighting tasks. Color temperature is rated at 8000K, delivering a crisp, cool white output.

The LED lifetime is rated at 50,000 hours, and the unit carries a 1-year warranty.

SPECIFICATIONS

OPTICAL		ELECTRICAL	
Luminous Flux	3,240 lm	Operating Voltage	12 V
Color Temperature	8,000 K	Wattage	45 W
Beam Angle *	30°		
LED Chip Type	SMD3535		
LEDs per Segment	18		
LED Lifetime	50,000 h		
MECHANICAL		ORDERING	
Product Dimensions	40 in x 1 in x 0.625 in	Warranty	1 y

APPLICATIONS

- Vehicle-mounted lighting
- Outdoor area illumination
- Large-space lighting
- Sign and display 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
led_chip_type	SMD3535	pdf	high
leds_per_segment	18	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	45 W	db	high
product_dimensions	40 in x 1 in x 0.625 in	pdf	high
warranty_years	1 y	db	high

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