



20" LED Light Bar, 13.5W, 8000K,
10×30° Lens, 1620 lm, 24V DC

- SMD3030 LED array with 9 emitters per bar
- 13.5W power draw on 24V DC input
- 1,620 lumens output at 8000K color temperature
- Focused 10×30-degree beam angle for targeted illumination
- LED lifetime rated at 50,000 hours
- Compact 20 in x 1 in x 5/8 in profile

OVERVIEW

The 7-RSL20-12V-13.5W is a 20-inch LED light bar built for professional and commercial applications requiring compact, targeted illumination. Constructed with SMD3030 LEDs in a 9-emitter array, it delivers a focused 10×30-degree beam pattern suited for task lighting, equipment mounting, and sign or display illumination where controlled light distribution is required.

The light bar operates on 24V DC and draws 13.5W, producing 1,620 lumens at an 8000K color temperature. The cool white output and narrow beam angle minimize light spillage, making it effective in environments where precision placement matters. The unit measures 20 inches in length with a 1-inch width and 5/8-inch height profile, and the LEDs are rated for 50,000 hours of operating life.

The unit is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,620 lm
Color Temperature	8,000 K
Beam Angle *	10×30
LED Chip Type	SMD3030
LEDs per Segment	9
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	20 in x 1 in x 5/8 in
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ELECTRICAL

Operating Voltage	24 V
Wattage	13.5 W

ORDERING

Warranty	1 y
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APPLICATIONS

- Sign and channel letter backlighting
- Display case and retail shelf lighting
- Equipment and task lighting mounts
- Architectural accent lighting
- Cabinet and under-shelf illumination

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,620 lm	pdf	high
cct_k	8,000 K	pdf	high

slug	value	source	confidence
beam_angle_deg	10×30	pdf	low
led_chip_type	SMD3030	pdf	high
leds_per_segment	9	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	24 V	db	high
wattage	13.5 W	db	high
product_dimensions	20 in x 1 in x 5/8 in	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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