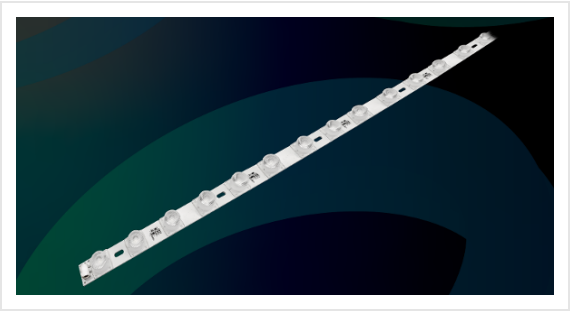


40" Rigid LED Lightbar, 24V, 27W, 8000K White, IP33, UL Listed

- SMD3030 LED chips at 18 LEDs per meter density
- 27W power draw at 24V DC operating voltage
- 3000 lumens output at 8000K color temperature, CRI 80
- 10° beam angle with optic lens for focused illumination
- IP33 rated, non-waterproof environmental classification
- UL Listed with 5-year warranty coverage

OVERVIEW

Rigid LED lightbar module for sign lighting applications, measuring 955 × 25 × 16.5 mm. Built with SMD3030 LED chips at a density of 18 LEDs per meter and a 10° beam angle optic lens for directional illumination in channel letters and sign boxes.

Operates at 24V DC drawing 27W, producing 3000 lumens at 8000K color temperature with a CRI of 80. Rated IP33 for non-waterproof indoor or protected applications, with an ambient operating temperature down to -25°C and an LED lifetime rating of 43,800 hours.

UL Listed and backed by a 5-year warranty.

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SPECIFICATIONS

OPTICAL

Luminous Flux	3,000 lm
Color Temperature	8,000 K
Selectable CCT *	Single Color
CRI	80
Beam Angle	10°
LED Chip Type	SMD3030
LED Density	18 LEDs/m
LED Lifetime	43,800 h
Light Color	White

ELECTRICAL

Operating Voltage	24 V
Wattage	27 W

MECHANICAL

Product Dimensions	955×25×16.5 mm
Finish	White

ENVIRONMENTAL

IP Rating	IP33
Environmental Rating	Non-Waterproof
Ambient Operating Temperature	-25 °C -13 °F

COMPLIANCE

UL File Number	348340

ORDERING

Warranty	5 y

CERTIFICATIONS & COMPLIANCE

UL

UL Listed
348340

APPLICATIONS

- Channel letter sign illumination
- Sign box backlighting
- Storefront signage lighting
- Architectural letter modules

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	3,000 lm	db	high
cct_k	8,000 K	pdf	high
cct_selectable	Single Color	db	low
cri	80	db	high
beam_angle_deg	10°	db	high
led_chip_type	SMD3030	db	high
led_density	18 LEDs/m	db	high
led_lifetime_h	43,800 h	db	high
color	White	db	high
operating_voltage	24 V	db	high
wattage	27 W	db	high
product_dimensions	955×25×16.5 mm	db	high
finish	White	db	high
ip_rating	IP33	db	high
environmental_rating	Non-Waterproof	db	high
ambient_temp_c	-25 °C	db	high
ul_file_number	348340	db	high
warranty_years	5 y	db	high

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* Value inferred from source data; verify before specification.

Specifications subject to change without notice.