



UL Listed LED Tape Light, 2400K, 960 lm/m, 9W/m, 60 LEDs/m, 24V

- SMD5050 chips at 60 LEDs per meter for consistent output
- Delivers 960 lumens per meter at 9W per meter
- CRI 95 for accurate color rendering
- 24V DC operation with 120° beam angle
- IP20 rated for indoor installation
- UL Listed with 2-year warranty

OVERVIEW

The Series 50N LED Tape Light (2400K) is a flexible strip lighting solution designed for accent, decorative, and general illumination in residential and commercial environments. Operating at 24V DC, it is suited for cove lighting, display cases, and architectural detail work.

The strip delivers 960 lumens per meter at 9W per meter using SMD5050 chips at a density of 60 LEDs per meter, with a CRI of 95 for accurate color rendering. The 2400K color temperature produces a warm, low-intensity output appropriate for ambient and hospitality applications. The strip carries an IP20 rating and a 120° beam angle, with an operating temperature range of -40°C to 40°C.

This product is UL Listed, with CE and RoHS compliance noted in product documentation, and is backed by a 2-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	960 lm
Color Temperature	2,400 K
CRI	95
Beam Angle	120°
LED Chip Type	SMD5050
LED Density	60 LEDs/m
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Minimum Cut Length	2 mm 0.08 in
Finish	White

ORDERING

Warranty	2 y
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ELECTRICAL

Operating Voltage	24 V
Wattage	9 W

ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-40-40 °C -40-104 °F

CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant



UL Listed

APPLICATIONS

- Cove lighting
- Display case illumination
- Architectural detail work
- Cabinetry accent lighting
- Hospitality ambient lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	960 lm	db	high
cct_k	2,400 K	db	high
cri	95	db	high
beam_angle_deg	120°	db	high
led_chip_type	SMD5050	db	high
led_density	60 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	24 V	db	high
wattage	9 W	db	high
min_cut_length	2 mm	db	high
finish	White	db	high
ip_rating	IP20	db	high
ambient_temp_c	-40~40 °C	db	high
warranty_years	2 y	db	high

Specifications subject to change without notice.