



RGB+6000K LED Tape Strip, SMD5050, 60 LEDs/m, 24VDC, IP20, UL Listed

- SMD5050 chips at 60 LEDs/m density
- 72W per 5m reel at 24VDC operation
- 500 lm/ft output with CRI 95
- IP20 rating for dry indoor use
- 2oz 12mm PCB with 3M 200MP adhesive backing
- UL Listed with 1-year warranty

OVERVIEW

The Lumipro UL Series RGB+6000K LED Tape Light is a dual-function strip combining full RGB color capability with 6000K daylight white output. It is suited for accent lighting, cove applications, and architectural detail work requiring color flexibility alongside high-output white light.

The tape operates at 24VDC and draws 72W per 5-meter roll, delivering 500lm/ft from SMD5050 chips at a density of 60 chips per meter. The 2oz 12mm PCB provides a durable substrate, and the included 3M 200MP adhesive backing simplifies surface mounting. CRI is rated at 95, with a 120° beam angle and an IP20 rating limiting use to dry, indoor environments.

The product carries a 1-year warranty and is UL Listed, RoHS compliant, and CE marked.

SPECIFICATIONS

OPTICAL

Efficacy	960 lm/W
Color Temperature	6,000 K
CRI	95
Beam Angle	120°
LED Chip Type	SMD5050
LED Density	60 LEDs/m
LED Lifetime	50,000 h
Light Color	RGB + CCT

MECHANICAL

Length	5 m 16.4 ft
Minimum Cut Length	2 mm 0.08 in
Finish	White

ELECTRICAL

Operating Voltage	24 V
Wattage	72 W

ENVIRONMENTAL

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

ORDERING

Warranty

1 y

CERTIFICATIONS & COMPLIANCE

UL

UL Listed

RoHS

RoHS Compliant

CE

CE

APPLICATIONS

- Accent lighting
- Cove lighting
- Architectural detailing
- Retail display lighting
- Signage backlighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	960 lm/W	db	high
cct_k	6,000 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	RGB + CCT	db	high
operating_voltage	24 V	db	high
wattage	72 W	db	high
length	5 m	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	1 y	db	high

Specifications subject to change without notice.