



Dim-to-Warm LED Strip, SMD2216, 224 LEDs/m, 1800K-3000K, 10 W/m, 24 V DC, IP20

- SMD2216 chips at 224 LEDs per meter on a 10 mm double-layer PCB
- Dim-to-warm shift from 3000K to 1800K as output is reduced
- 2000 lm/m at 10 W/m for 100 lm/W efficacy
- CRI 80 with a 120-degree emitting angle
- Triac, 0/1-10V, DALI and PWM constant-voltage dimming at DC 24 V
- 62.5 mm minimum cut length on 5 m reels, IP20 non-waterproof

OVERVIEW

A dim-to-warm linear LED strip built on SMD2216 chips at 224 LEDs per meter, supplied on 5 m reels with a 10 mm double-layer PCB and 3M adhesive backing. The IP20, non-waterproof construction suits interior coves, millwork channels and architectural detail lighting.

Output is 2000 lm/m at 10 W/m for an efficacy of 100 lm/W, with CRI 80 and a 120-degree emitting angle. Color temperature shifts from 3000K down to 1800K as output is reduced, using Triac, 0/1-10V, DALI or PWM constant-voltage drivers on a DC 24 V supply. Current draw is 0.42 A/m, minimum cut length is 62.5 mm, and the strip terminates in a 20 cm two-pin 20 AWG lead.

Rated for ambient temperatures of -20 to +45 degrees C and 40-70% RH. Covered by a 2-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	2,000 lm
Efficacy	100 lm/W
Color Temperature	1,800 K
CRI	80
Beam Angle	120°
LED Chip Type	SMD2216
LED Density	224 LEDs/m
LED Lifetime	5,000 h

MECHANICAL

Product Dimensions	5000 * 10 mm
Length	5 m 16.4 ft
Strip Width	10 mm 0.39 in
Minimum Cut Length	62.5 mm 2.46 in
Finish	Transparent

ORDERING

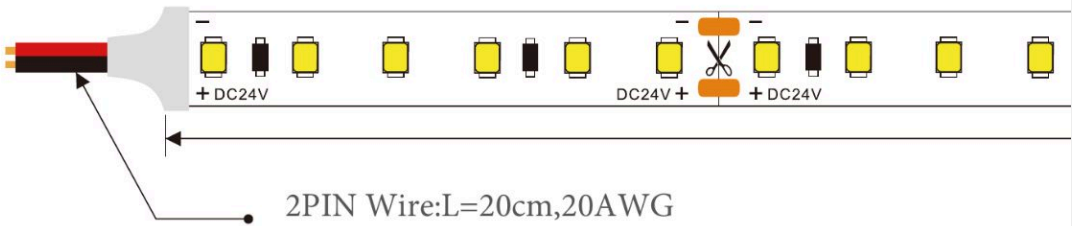
Warranty	2 y
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ELECTRICAL

Operating Voltage	24 V
Wattage	10 W
Maximum Current	0.42 A
Dimmer Type	Triac, 0/1-10V, DALI, PWM constant voltage
Wire Gauge	20 AWG
Wire Length	7.87 in

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof
Ambient Operating Temperature	-20-45 °C -4-113 °F
Operating Humidity	40-70% RH



LUMI PRO

DIMENSIONS

APPLICATIONS

- Interior cove lighting
- Millwork and cabinet channels
- Architectural detail and accent lighting
- Hospitality and restaurant interiors
- Retail display shelving

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	2,000 lm	pdf	high
efficacy_lm_per_w	100 lm/W	pdf	high
cct_k	1,800 K	db	high
cri	80	both	high
beam_angle_deg	120°	pdf	high
led_chip_type	SMD2216	pdf	high
led_density	224 LEDs/m	pdf	high
led_lifetime_h	5,000 h	db	high
operating_voltage	24 V	db	high
wattage	10 W	pdf	high
current_draw	0.42 A	pdf	high
dimmer_type	Triac, 0/1-10V, DALI, PWM constant voltage	pdf	high
wire_gauge	20 AWG	pdf	high
wire_length	7.87 in	pdf	medium
product_dimensions	5000 * 10 mm	pdf	high
length	5 m	pdf	high
strip_width	10 mm	pdf	high
min_cut_length	62.5 mm	pdf	high
finish	Transparent	db	high
ip_rating	IP20	db	high
environmental_rating	Non-Waterproof	db	high
ambient_temp_c	-20-45 °C	pdf	high
operating_humidity	40-70% RH	pdf	high
warranty_years	2 y	db	high

Specifications subject to change without notice.