FlexLED 196 White 24V

Flexible Hight Density LED Tape

Industry Standard
3000K, 3500K, 4100K, and 5600K High CRI >95

196 LED/Meter Flex LED Tape
in 24V DC (5 meter lengths)

FlexLED 196 was designed for situations where an extremely high output of high quality white light is required. Each meter produces 3600 lumens with a draw of 33.6 watts and an efficiency over 100 lumens per watt while maintaining a high CRI (Colour Rendering Index) of over 95. Suitable for on-camera use, live entertainment, architectural, hospitality or anywhere a high-quality white light is required.
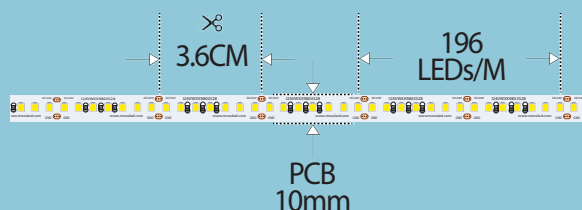
Indoor and weatherproof strips have 3M double-sided tape on the back which makes installation as easy as peel n stick.

Soldering Guidelines:
Soldering iron should be between 360°C and 372°C. Please ensure not to heat each solder pad for longer than 3 seconds otherwise separation of the solder pads can occur.

Waterproof must be mounted using silicone (not provided). Controller, power supply and extension cables sold separately. Quantity discounts and custom color temperatures available.

Please call 1.800.924.1585 or email info@mossled.com to inquire.

3.6CM | 196 LEDs/M

PCB 10mm

≥95 CRI	24V DC	120° BEAM ANGLE	5 years	Dimmable	5M (16.4')	CUSTOMIZED LENGTHS

c UL us LISTED E489028	RoHS	CE	PCB Width 10MM	IP43 INDOOR	White

FlexLED Flexible LED Tape

MOSS www.mossLED.com

TECHNICAL SPECIFICATIONS

WHITE

NO:		Warm White	Neutral White	Cool White
1	PRODUCT TYPE	Warm White	Neutral White	Cool White
2	PRODUCT CODE	I24VWW309803528	I24VNW419803528	I24VCW569803528
3	CRI / TLCI	≥95		
4	COLOUR TEMP. OR WAVELENGTH	3000K +/-100K	4100K +/-100K	5600K +/-100K
5	PCB COLOUR	WHITE		
6	CURRENT, RATING	1.4 A / METER		
7	VOLTAGE	24 VDC		
8	WATTAGE	33.6 W / METER		
9	CC / CV	CONSTANT VOLTAGE		
10	IP RATING	IP43		
11	LUMENS/METER@FULL	3600 lm / METER		
12	LUMEN / WATT	107.1		
13	LIFETIME*	30,000 HOURS (5 YEAR WARRANTY)		
14	CUTTING LENGTH	3.57 CM		
15	LEDS/METER QUANTITY	196 LED / METER		
16	NUMBER OF CONTACTS	2		
17	LED TYPE	3528		
18	PCB COPPER QUANTITY	2 Oz.		
19	OPERATING TEMPERATURE RANGE	-40° TO 50° C		
20	AGENCY RATINGS	UL - E489028, CE, RoHS		
21	PCB WIDTH	10MM		
22	MAXIMUM RECOMMENDED LENGTH	5 METERS		
23	VIEWING ANGLE	120°		
24	ADHESION	TESA 4965		

* - NOMINAL LIFETIME BASED ON IDEAL INSTALLATION LOCATION CONDITIONS & ASSUMING MAXIMUM OF 16 HOURS PER DAY OF USE

FLEXLED196 SKU ORDERING CODES

-	I	24	V	WW	XX	980	3528	-	-	-
1	2	3	4	5	6	7	8	9	10	11
Series	IP Rating (IP43)	Operating Voltage	Voltage	Colour Temperature Range	Kelvin	LED Qty.	Chip Type	PCB Colour	PCB Coating	Connector

1 Family Series
- -

2 IP Rating
- I — IP41 - Indoor Use Only
- O — IP65 - Weatherproof
- W — IP68 - Waterproof

3 Voltage
- 24V — 24VDC (Standard)
- 12V — 12VDC (Standard)
- 5-36V — Custom Order

4 Voltage Type
- V — Constant Voltage (Standard)
- C — Constant Current (Optional)

5 Colour Temperature Range
- UWW — Ultra Warm White
- WW — Warm White
- W — White
- NW — Neutral White
- CW — Cool White
- UCW — Ultra Cool White

6 Colour Temperature
- 30 — 3000K
- 41 — 4100K
- 56 — 5600K
- XX — (Custom CCT Available)

7 LEDs per meter
- 980 — 980 LED/meter
- XXX — Custom LED Density

8 Chip Type
- 3528 — White Chip

9 PCB Colour Options
- - — White (Standard - Not Shown)
- B — Black (Optional)
- G — Green (Optional)
- R — Red (Optional)
- Y — Yellow (Optional)
- L — Blue (Optional)

10 PCB Coating
- - — No Coating (Standard)
- GS — ENIG Gold Series

11 Connector
- - — No Connector (Standard)
- DC — DC 2.5 X 5.1MM Barrel Connector

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info@mossled.com

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MOSS LED

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Lead time for custom products are typically 6 - 8 weeks. Please contact us to discuss your project requirements.

INSTALLATION NOTES

Follow all instructions on bag label
Install indoor product in dry locations only
Weatherproof is rated at IP67 and Waterproof is rated at IP68.
Waterproof FlexLED must be mounted using silicone (not provided)

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