



ShortCut FlexLED Bi-Colour 2700K - 6000K 24V (CCT Adjustable)

Color Temperature adjustable
high density FlexLED Tape

Advances in LED chip technology have allowed us to bring this new FlexLED strip to you! One of our biggest complaints regarding 12V versus 24V technology is the cut points on the FlexLED strip. However, this new LED chip allows us to utilize all the benefits of 24V (lower current, less voltage drop, etc.) along with the short cut points of a traditional 12V FlexLED strip. This new LED chip also conforms to our strict standards and has a fantastic performance of CRI, TLCI, and R9 vales all above 95. If that weren't enough it also has a higher lumen/watt output at 108 lumens/watt for the 6000K chip and 104 lumens/watt for the 2700K chip.

Two versions of our Short Cut bi-color FlexLED are now available. 120 LED/meter (12MM Width) standard as well as 240 LED/meter (12MM Width) high output version. The 240 LED/meter is ideally suited for areas where high output in a very tight space is required. The 240 LED/meter is designed to be installed onto a metal heat sink for longevity purposes. The 120 LED/meter can be installed on virtually any surface and still provide nominal output for many tens of thousands of hours of use.

Both versions are suitable for residential, television, industrial, and commercial applications where high CRI white output is required.

Single bin LED chip ensures CCT accuracy within +/- 100K. TESA 4965 high tack double-sided tape on the back makes installation as easy as peel n stick. When used in damp or wet locations it is advised to use silicone caulking or glue to ensure proper adhesion.

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. Controller, Power supply and Extension Cables are sold separately. Custom Color Temperatures are available. Please contact us for specifics.

For specifications on Weatherproof and Waterproof product please download specifications sheet below.



RoHS	≥95 CRI	24V DC	120° BEAM ANGLE	5 years	Dimmable	5M (16.4')
UL LISTED E489028	CE	PCB Width 12MM	IP43 INDOOR	CCT Adjustable	CUSTOMIZED LENGTHS	

TECHNICAL SPECIFICATIONS

NO:

Short Cut Bi-Colour 2700K - 6000K

1	PRODUCT TYPE	BI-COLOR 120 SHORT CUT	BI-COLOR 240 SHORT CUT
2	PRODUCT CODE	SC-I24VBC27606003528	SC-I24VBC276012003528
3	CRI / TLCI	≥95	
4	COLOUR TEMP. OR WAVELENGTH	2700K-6000K	
5	PCB COLOUR	WHITE	
6	CURRENT, RATING	0.79 A / METER	1.4 A / METER
7	VOLTAGE	24 VDC	
8	WATTAGE	19.2 W / METER	33.6 W / METER
9	CC / CV	CONSTANT VOLTAGE	
10	IP RATING	IP43	
11	LUMENS/METER@FULL	2700K: 1104lm; 6000K: 1234lm Combined 4000K: 2324lm	2700K: 2184lm; 6000K: 2445lm Combined 4000K: 4553lm
12	LUMEN / WATT	130	
13	LIFETIME*	50,000 HOURS (5 YEAR WARRANTY)	
14	CUTTING LENGTH	33 MM	16.6 MM
15	LEDS/METER QUANTITY	120 LED / METER	240 LED / METER
16	NUMBER OF CONTACTS	3	
17	LED TYPE	2835	
18	PCB COPPER QUANTITY	3 Oz.	
19	OPERATING TEMPERATURE RANGE	-40° TO +70° C	
20	AGENCY RATINGS	UL - E489028, CE, RoHS	
21	PCB WIDTH	12MM	
22	MAXIMUM RECOMMENDED LENGTH	10 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

SC	-	I	24	V	BC	2760	1200	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.	LED Chip Type	PCB Colour	PCB Coating	Connector	

1 - Family Series
SC ShortCut

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

3 - Voltage
24V 24VDC (Standard)
12V 12VDC (Optional)
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
27 2700K
60 6000K
XX (Custom CCT Available)

7 - LEDs per 5 meter Reel
600 600 LEDs
1,200 1,200 LEDs

8 - LED Chip Type
3528 3528 Type

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 - Not Shown)
GS ENIG Gold Series

11 - Connector
- No Connector (Standard - Not Shown)
5P 5-Pin Male Chogori Connector