FlexLED Bi-Colour 12V
(CCT Adjustable)

Flexible High Density LED Tape

Color Temperature adjustable high density FlexLED Tape
2700K - 5600K or 2700K - 6000K CRI <95

120 LED/meter (12MM Width) standard installation grade includes a wide PCB surface area for optimal thermal dissipation. 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.

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.

Controller, Power supply and Extension Cables are sold separately.
Custom Color Temperatures are available.

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.

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

5cm

120 LEDs/M

PCB 12mm

≥95 CRI	12V DC	120° BEAM ANGLE	5 years	Dimmable	5M (16.4')	CUSTOMIZED LENGTHS
cULus LISTED E489028	RoHS	CE	PCB Width 10MM,12 MM	IP43 INDOOR	White	CCT Adjustable

www.mossled.com

1.800.924.1585 -416.463.6677

info@mossled.com

FlexLED Flexible LED Tape

MOSS
WWW.MOSSLED.COM

TECHNICAL SPECIFICATIONS

NO:	Bi-COLOR		
1	PRODUCT TYPE	Bi-Color 120	
2	PRODUCT CODE	I12VBC27566003528	I12VBC27606003528
3	CRI / TLCI	≥95	
4	COLOUR TEMP. OR WAVELENGTH	2700K - 5600K	2700K - 6000K
5	PCB COLOUR	WHITE	
6	CURRENT, RATING	1.59A / PIXEL	
7	VOLTAGE	12 VDC	
8	WATTAGE	19.2 W / PIXEL	
9	CC / CV	CONSTANT VOLTAGE	
10	IP RATING	IP43	
11	LUMENS/METER @ FULL	1800 lm / METER COMBINED	
12	LUMEN / WATT	94	
13	LIFETIME*	50,000 HOURS	
14	LED QUANTITY	120 LED / METER	
15	NUMBER OF CONTACTS	3	
16	LED TYPE	2835	
17	PCB COPPER QUANTITY	3 Oz.	
18	OPERATING TEMPERATURE RANGE	-40° ~ 70° C	
19	AGENCY RATINGS	UL - E489028, CE, RoHS	
20	DIMENSIONS	12MM	
21	CUTTING LENGTH	5 CM	
22	MAXIMUM RECOMMENDED LENGTH	10 METERS	
23	VIEWING ANGLE	120 DEGREE	
24	ADHESION	TESA 4965	

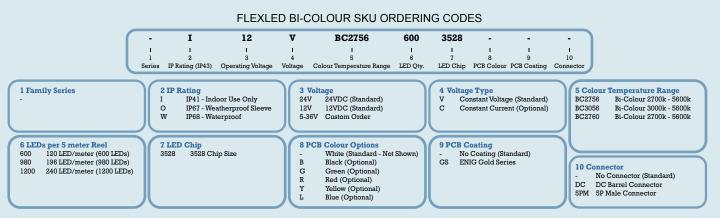* - NOMINAL LIFETIME BASED ON IDEAL INSTALLATION LOCATION CONDITIONS & ASSUMING MAXIMUM OF 16 HOURS PER DAY OF USE

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MOSS LED

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TECHNICAL SPECIFICATIONS

FLEXLED BI-COLOUR SKU ORDERING CODES

-	I	12	V	BC2756	600	3528	-	-	-
1	2	3	4	5	6	7	8	9	10
Series	IP Rating (IP43)	Operating Voltage	Voltage	Colour Temperature Range	LED Qty.	LED Chip	PCB Colour	PCB Coating	Connector

1 Family Series
-

2 IP Rating
I   IP41 - Indoor Use Only
O   IP67 - Weatherproof Sleeve
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
BC2756   Bi-Colour 2700k - 5600k
BC3056   Bi-Colour 3000k - 5600k
BC2760   Bi-Colour 2700k - 5600k

6 LEDs per 5 meter Reel
600   120 LED/meter (600 LEDs)
980   196 LED/meter (980 LEDs)
1200   240 LED/meter (1200 LEDs)

7 LED Chip
3528   3528 Chip Size

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

9 PCB Coating
-    No Coating (Standard)
GS   ENIG Gold Series

10 Connector
-    No Connector (Standard)
DC   DC Barrel Connector
5PM   5P Male Connector

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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