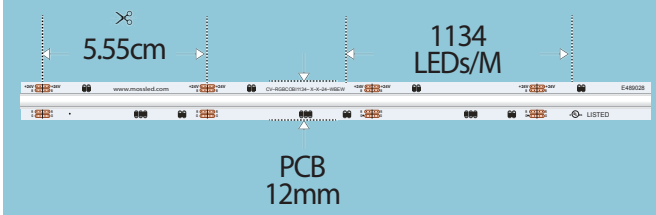


SoftFLEX LED 1134 RGB 24V

1134 LED/Meter SoftFlex LED Tape in 24V DC

Our SoftFLEX (COB) series of flexible LED creates a seamless, diffused, soft output without the ability to see any pixels unlike our traditional FlexLED strips. The innovative design does not show any hot spots, or dark spots making it ideal in locations where you may be able to see the LED or its reflection. The SoftFLEX 1134 RGB is only 12MM in width which makes it suitable for many locations. Using chip-on-board (COB) technology with a bounding-box the phosphor coating also acts as the diffuser creating pixel-free light output. The 1134 RGB is unique in the SoftFLEX family as it arranges the Red, Green, and Blue pixels in a side-by-side format which allows for a row of RGB pixels every 2.64MM. This high-density creates a seamless output and at the same time providing convenient solder pads on top of the PCB. Reliable, high efficacy and high heat dissipation ensuring a long life-span. Cuttable every 5.55CM (2.19") the SoftFLEX 1134 RGB is extremely customizable and is a perfect solution for beautiful colour-blended RGB lighting challenges.

Indoor and weatherproof strips have 3M double-sided tape on the back which makes installation as easy as peel n stick. Waterproof must be mounted using silicone (not provided).

Controller, power supply and extension cables sold separately. Quantity discounts and custom R,G,B wavelengths available. Please call 1.800.924.1585 or email info@mossled.com to inquire.

N/A CRI	24V DC	120° BEAM ANGLE	5 years	Dimmable	5M (16.4')
c UL us LISTED E489028	RoHS	CE	PCB Width 12MM	IP21 INDOOR	RGB

www.mossled.com
1.800.924.1585 -416.463.6677
info@mossled.com

FlexLED Flexible LED Tape

MOSS LED

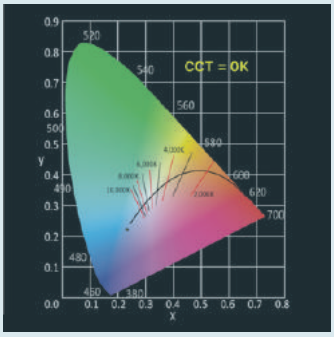
TECHNICAL SPECIFICATIONS

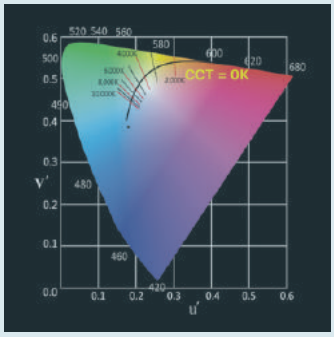
NO:		RGB
1	PRODUCT TYPE	RGB COLOUR CHANGING 1134
2	PRODUCT CODE	CV-RGBCOBI1134-X-X-24-WBEW
3	CRI / TLCI	N/A
4	COLOUR TEMP. OR WAVELENGTH	RGB
5	PCB COLOUR	WHITE
6	CURRENT, RATING	0.625A / METER
7	VOLTAGE	24 VDC
8	WATTAGE	15 W / METER
9	CC / CV	CONSTANT VOLTAGE
10	IP RATING	IP21
11	LUMENS/METER@FULL	673 lm / METER
12	LUMEN / WATT	44 lm / W
13	LIFETIME*	40,000 HOURS
14	CUTTING LENGTH	5.55 CM
15	LEDS/METER QUANTITY	1134 CHIPS
16	NUMBER OF CONTACTS	4
17	LED TYPE	COB
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	5 METERS
23	VIEWING ANGLE	120°
24	ADHESION	3M 55280

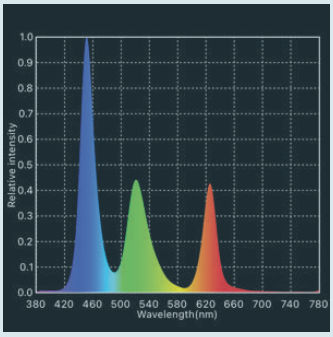
* - NOMINAL LIFETIME BASED ON IDEAL INSTALLATION LOCATION CONDITIONS & ASSUMING MAXIMUM OF 16 HOURS PER DAY OF USE

TECHNICAL SPECIFICATIONS

Spectrometer Reports







Parameter	Value
CCT	0 K
Duv	0.0000
CIE1931 x	0.2335
CIE1931 y	0.2224
CIE1976 u'	0.1796
CIE1976 v'	0.3848
CRI(Ra)	0
Re(R1~R15)	0
CQS	0
TLCI(Qa)	0.0
GAI	0.0
TM-30-15 Rf	nan
TM-30-15 Rg	nan
Illuminance	774 lux
Foot Candle	71.9 fc
PPFD(400-700nm)	14.92 µmol/m²s
λp	451 nm
λD	475 nm
Purity(Pe)	45 %
SP Ratio	3.8
Flicker Percentage	0.0 %
Flicker Index	0.00
Flicker Frequency	0 Hz

SOFTFLEX LED 1134 RGB SKU ORDERING CODES

CV	RGB	COB	I	1134	X	X	24	W	-	BEW
1	2	3	4	5	6	7	8	9	10	11
Supply Type	Style	LED Type	IP Rating	Chip Quantity	Kelvin	CRI	Voltage	PCB Colour	PCB Coating	Connector

1 Supply Type
- CV Constant Voltage (Standard)
- CC Constant Current

2 Style
- RGB Red, Green, Blue

3 LED Type
- COB Chip On Board

4 IP Rating
- I Indoor IP21 (Standard)
- O Weatherproof IP65
- W Waterproof IP68

5 Chip Quantity
- 1134 Chip Quantity Per Meter

6 Colour Temperature
- X Not Available

7 CRI
- X Not Available

8 Voltage
- 12 Volts
- 24 Volts

9 PCB Colour
- W White (Standard)
- B Black
- G Green
- R Red
- Y Yellow
- L Blue

10 PCB Coating
- \- No Coating (Not Shown Standard)
- GS ENIG Gold Series

11 Connector
- BEW Bare End Wire (Standard)
- 5PM 5 Pin Male Chogori

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)

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.