SoftFLEX LED 630 RGB 24V

630 LED/Meter SoftFlex LED Tape in 24V DC (5 meter lengths)

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 630 RGB is only 10MM in width which makes it suitable for narrow locations. Using chip-on-board (COB) technology the phosphor coating also acts as the diffuser creating pixel-free light output. The 630 RGB is unique in the SoftFLEX family as it arranges the Red, Green, and Blue pixels in a linear format which allows for a narrow 10MM width 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 10CM (3.94") the SoftFLEX 528 is extremely customizable and is a perfect solution for countless 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 color temperatures available. Please call 1.800.924.1585 or email info@mossled.com to inquire.

10cm

630 LEDs/M

CV-RGBCOBI630-X-X-24-WBEW   E489028   CV-RGBCOBI630-X-X-24-WBEW   E489028
LISTED   www.mossled.com   LISTED   www.mossled.com

PCB 10mm

24V DC	180° BEAM ANGLE	5 years	Dimmable	5M (16.4')	CUSTOMIZED LENGTHS
c UL us LISTED E489028	RoHS	CE	PCB Width 10MM	IP21 INDOOR	RGB

TECHNICAL SPECIFICATIONS

RGB

NO:		
1	PRODUCT TYPE	RGB COLOUR CHANGING 630
2	PRODUCT CODE	CV-RGBCOBI630-X-X-24-WBEW
3	CRI / TLCI	NA
4	COLOUR TEMP. OR WAVELENGTH	NA
5	PCB COLOUR	WHITE
6	CURRENT, RATING	0.375A / METER
7	VOLTAGE	24 VDC
8	WATTAGE	9 W / METER
9	CC / CV	CONSTANT VOLTAGE
10	IP RATING	IP21
11	LUMENS/METER@FULL	465 lm / METER
12	LUMEN / WATT	51 lm / WATT
13	LIFETIME*	40,000 HOURS
14	CUTTING LENGTH	10 CM
15	LEDS/METER QUANTITY	630 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	10 MM
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
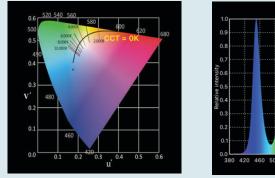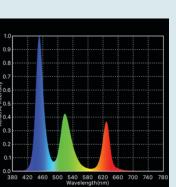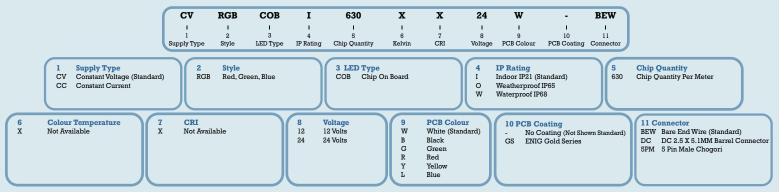
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1.800.924.1585 - 416.463.6677
info@mossled.com

FlexLED
Flexible LED Tape

MOSS LED

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TECHNICAL SPECIFICATIONS

Spectrometer Reports

Parameter	Value
CCT	0 K
Duv	0.0000
CIE1931 x	0.2201
CIE1931 y	0.2068
CIE1976 u'	0.1746
CIE1976 v'	0.3692
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	1056 lux
Foot Candle	98.1 fc
PPFD(400-700nm)	21.60 µmol/m²s
λp	451 nm
λD	475 nm
Purity(Pe)	51 %
SP Ratio	4.1

SOFTFLEX LED 630 RGB SKU ORDERING CODES

CV	RGB	COB	I	630	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
630 Chip Quantity Per Meter

6 Colour Temperature
X Not Available

7 CRI
X Not Available

8 Voltage
12 12 Volts
24 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)
DC DC 2.5 X 5.1MM Barrel Connector
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.

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