FlexLED 96 RGB + White All-In-One 24V

RGB+White All-In-One Diode in High CRI

This product is designed for anywhere high quality light and the ability to change colour is required. It's cutting length of 6.25CM is the closest cutting length for a 24V RGBW product. The white LED produces a full-spectrum of over 95 CRI and an R9 over 90. Suitable for cinema, television, industrial, commercial, hospitality and anywhere high colour quality is required.

Indoor and weatherproof strips have TESA 4965 double-sided tape on the back which makes installation as easy as peel n stick. Weatherproof option rated at IP65 and also a Waterproof option rated at IP68. Waterproof must be mounted using silicone adhesive.

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.

6.25cm   96 LEDs/M

PCB 12mm

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

c UL us LISTED E489028	RoHS	CE	PCB Width 12MM	IP43 INDOOR	RGB+W	RGB	White

www.mossled.com

1.800.924.1585 -416.463.6677

info@mossled.com

FlexLED
Flexible LED Tape

MOSS
WWW.MOSSLED.COM

TECHNICAL SPECIFICATIONS
96 RGB + WHITE

NO:		RGB + WARM WHITE	RGB + NEUTRAL WHITE	RGB + COOL WHITE
1	PRODUCT TYPE	RGB + WARM WHITE	RGB + NEUTRAL WHITE	RGB + COOL WHITE
2	PRODUCT CODE	I24VRGBW274805060	I24VRGBW414805060	I24VRGBW564805060
3	CRI / TLCI	≥95		
4	COLOUR TEMP. OR WAVELENGTH	2700K +/-100K	4100K +/-100K	5600K +/-100K
5	PCB COLOUR	WHITE		
6	CURRENT, RATING	0.96A / METER		
7	VOLTAGE	24 VDC		
8	WATTAGE	23 W / METER		
9	CC / CV	CONSTANT VOLTAGE		
10	IP RATING	IP43		
11	LUMENS/METER@FULL	1500 lm/m		
12	LUMEN / WATT	65		
13	LIFETIME*	50,000 HOURS (5 YEAR WARRANTY)		
14	CUTTING LENGTH	6.25 CM		
15	LEDS/METER QUANTITY	96 LED / METER		
16	NUMBER OF CONTACTS	5		
17	LED TYPE	5060		
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	7 METERS		
23	VIEWING ANGLE	120°		
24	ADHESION	TESA 4965		
25	WAVELENGTH A RED	620~625nm		
26	WAVELENGTH B GREEN	515~520nm		
27	WAVELENGTH C BLUE	460~465nm		

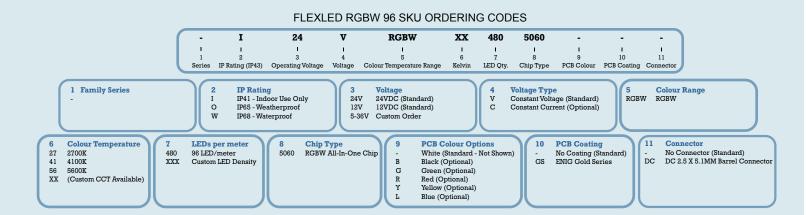* - NOMINAL LIFETIME BASED ON IDEAL INSTALLATION LOCATION CONDITIONS & ASSUMING MAXIMUM OF 16 HOURS PER DAY OF USE

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FLEXLED RGBW 96 SKU ORDERING CODES

-	I	24	V	RGBW	XX	480	5060	-	-	-
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 Range
RGBW — RGBW

6 Colour Temperature
27 — 2700K
41 — 4100K
56 — 5600K
XX — (Custom CCT Available)

7 LEDs per meter
480 — 96 LED/meter
XXX — Custom LED Density

8 Chip Type
5060 — RGBW All-In-One 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

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:
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