

## FlexLED 252 RGBA+WW+CW 24V

### RGBA + Dynamic White FlexLED Tape (Sold in 5 metre lengths)

Illuminate your space like never before with our revolutionary LED strip! Say goodbye to color compromises and hello to vibrant, customizable lighting.

Our cutting-edge design features two full-spectrum emitters, expertly tuned to deliver high CRI and high output white light. Paired with a versatile all-in-one color-changing RGBA chip, this LED strip offers endless possibilities for creating the perfect ambiance.

Whether you need crisp, clean white light or a dazzling array of colors, this LED strip has you covered. It's specially engineered to work seamlessly with our innovative 6-channel dimmer, giving you complete control over every aspect of your lighting.

Transform your environment and experience the ultimate in lighting technology with our new LED strip. Brighten up your life with a touch of brilliance!

This LED MUST BE INSTALLED ONTO A NON-COMBUSTIBLE HEAT SINK such as our aluminum extrusions or aluminum flat bar.

Suitable for residential, television, industrial, and commercial applications

Indoor and weatherproof strips have 3M double-sided tape on the back which makes installation as easy as peel and stick.

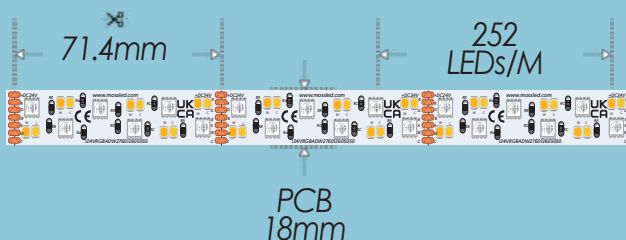
Waterproof must be mounted using silicone (not provided)

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](mailto:info@mossled.com) to inquire.

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.



95+ CRI	24V DC	120° BEAM ANGLE	5 years	Dimmable	5M (16.4')	CUSTOMIZED LENGTHS
UL LISTED E489028	RoHS	CE	PCB Width 18MM	IP43 INDOOR	RGBA	CCT Adjustable

# TECHNICAL SPECIFICATIONS

<b>Product Type</b>	: RGBA + WW + CW 18MM
<b>Product Code</b>	: I24VRGBADW276012605050
<b>CRI</b>	: 95+
<b>Kelvin</b>	: 2700k +/-100k AND 6000k +/- 100k AND RGBA
<b>PCB Color</b>	: White
<b>Current, Rating</b>	: 2.1 A / meter
<b>Voltage</b>	: 24 VDC
<b>Wattage - All Six Channels</b>	: 50.4 W / meter
<b>Wattage - 2700k</b>	: 11.3 W / meter
<b>Wattage - 6000k</b>	: 11.3 W / meter
<b>Wattage - 2700k &amp; 6000k (4000k)</b>	: 22.8 W / meter
<b>Wattage - RGBA</b>	: 26.1 W / meter
<b>CC / CV</b>	: Constant Voltage
<b>IP Rating</b>	: IP43
<b>Lumens @ Full - All Six Channels</b>	: 3417 lm / meter
<b>Lumens @ Full - 2700k</b>	: 1082 lm / meter
<b>Lumens @ Full - 6000k</b>	: 1358 lm / meter
<b>Lumens @ Full - 2700k &amp; 6000k (4000k)</b>	: 2440 lm / meter
<b>Lumens @ Full - RGBA</b>	: 1110 lm / meter
<b>Lumen / Watt - All Six Channels</b>	: 69.4
<b>Lumen / Watt - 2700k</b>	: 96
<b>Lumen / Watt - 6000k</b>	: 121
<b>Lumen / Watt - 2700k &amp; 6000k (4000k)</b>	: 107
<b>Lumen / Watt - RGBA</b>	: 43
<b>Lifetime*</b>	: 50,000 hours
<b>Cutting Length</b>	: 71.4 MM
<b>LED Quantity</b>	: 252 LED / meter
<b>Number of Contacts</b>	: 7
<b>LED Type</b>	: 5050 + 2835
<b>Copper Quantity</b>	: 3 Oz.
<b>Temperature, Operating, Maximum</b>	: 50° C
<b>Temperature, Operating, Minimum</b>	: -40° C
<b>Agency Ratings</b>	: UL E489028, CE, RoHS, UKCA
<b>PCB Width</b>	: 18MM
<b>Maximum Recommended Length</b>	: 5 meters
<b>Viewing Angle</b>	: 120
<b>Adhesion</b>	: TESA 4965

# TECHNICAL SPECIFICATIONS

I24VRGBADW276012605050

FlexLED 252 RGBA+WW+CW 24V SKU ORDERING CODES

-	I	24	V	RGBADW	2760	1260	5050	-	-	-
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	PCB Colour	PCB Coating	Connector

<b>1 Family Series</b> -	<b>2 IP Rating</b> I IP41 - Indoor Use Only O IP65 - Weatherproof W IP68 - Waterproof	<b>3 Voltage</b> 24V 24VDC (Standard) 12V 12VDC (Standard) 5-36V Custom Order	<b>4 Voltage Type</b> V Constant Voltage (Standard) C Constant Current (Optional)	<b>5 Colour Temperature Range</b> RGBADW - Red, Green, Blue, Amber, Dynamic White
<b>6 Colour Temperature</b> 2760 2700K - 6000k XXXX (Custom CCT Available)	<b>7 LEDs per 5 meter Reel</b> 1260 1260 LEDs	<b>8 LED Chip</b> 5050 5050 Chip	<b>9 PCB Colour Options</b> - White (Standard - Not Shown) B Black (Optional) G Green (Optional) R Red (Optional) Y Yellow (Optional) L Blue (Optional)	<b>10 PCB Coating</b> - No Coating (Standard) GS ENIG Gold Series
				<b>11 Connector</b> - No Connector (Standard) XLR 7-Pin XLR 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:  
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.