



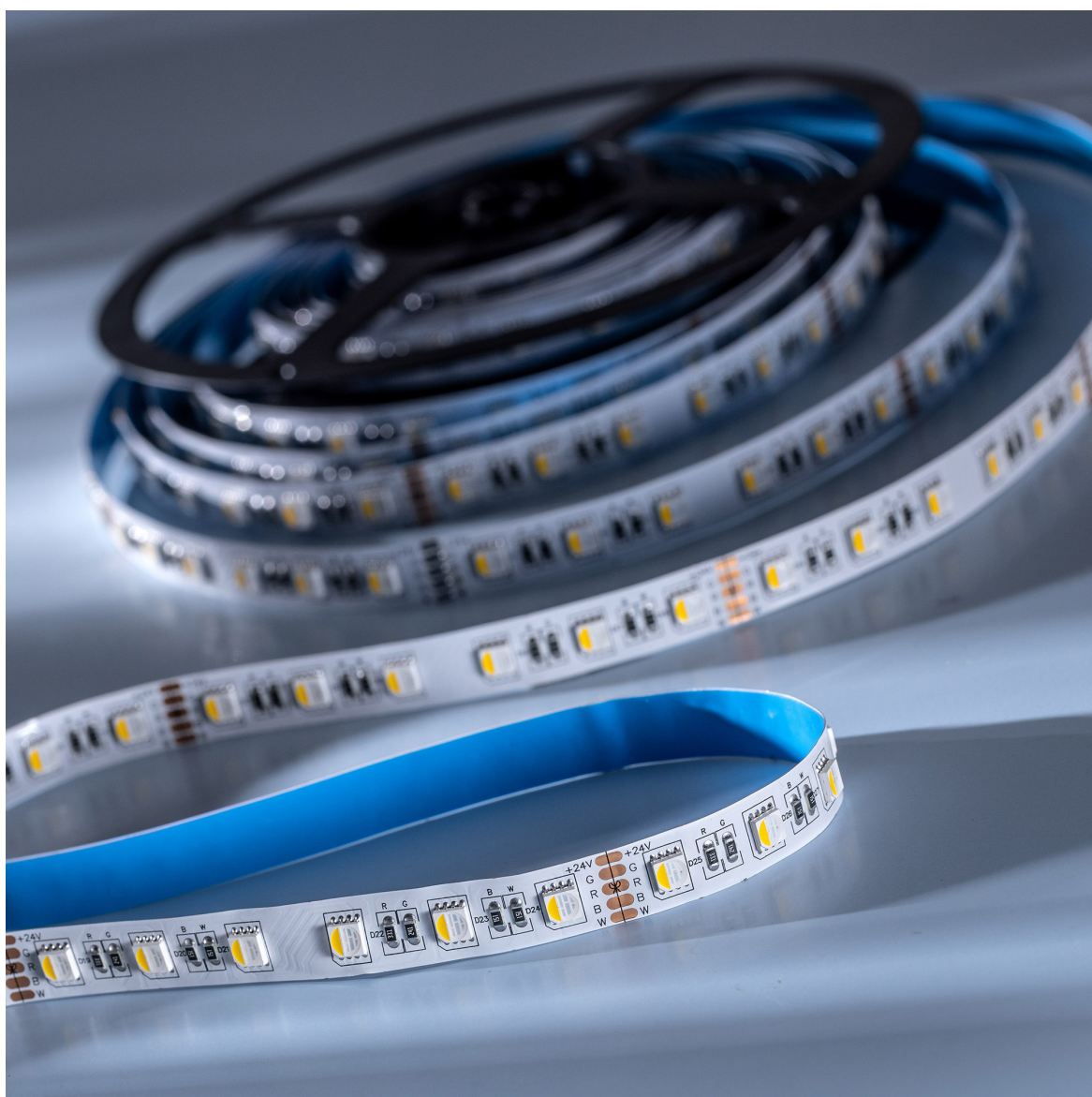
Lumistrips

# DATASHEET

LUMIFLEX-RGBW-1080 ECO LED STRIP 4 IN 1 RGB-WHITE  
1500LM 24V 60 LEDS/M 5M REEL

**SKU: 37927**

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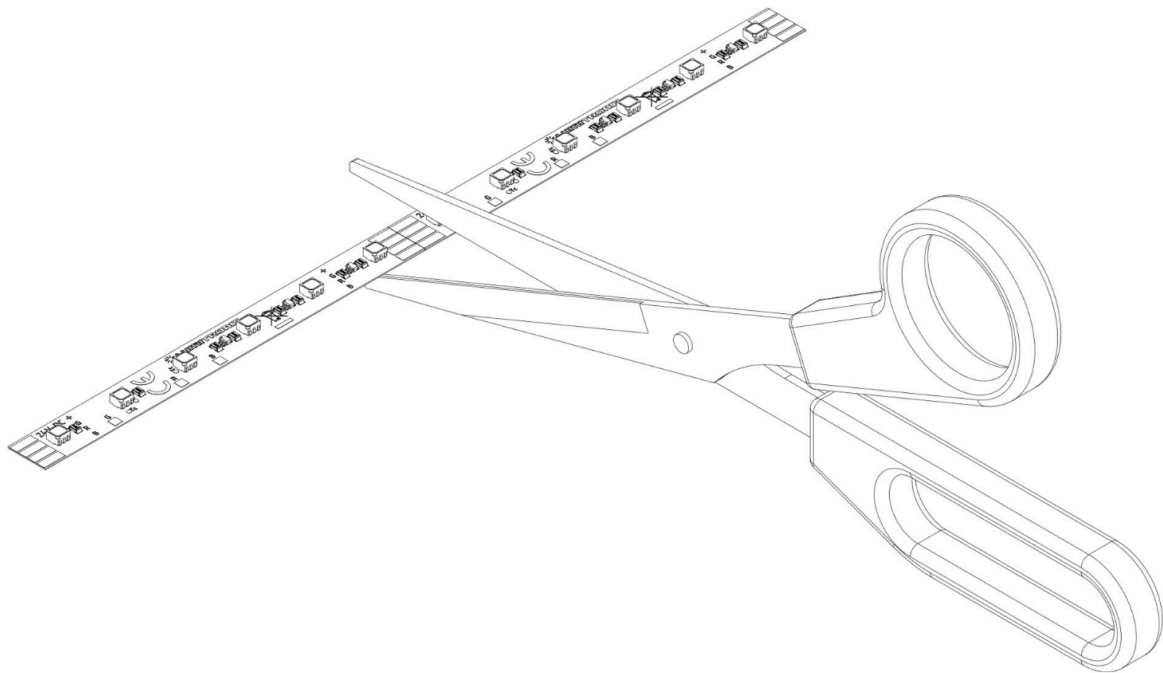
# LUMIFLEX-RGBW-1080 ECO LED STRIP 4 IN 1RGB-WHITE 1500LM 24V 60 LEDS/M 5M REEL

Article number (SKU)		38999		
Product name	LUMIFLEX-RGBW-1080 ECO LED STRIP 4 IN 1RGB-WHITE 1500LM 24V 60 LEDS/M 5M REEL			
Classification	Economy			
Model identifier (equivalent models)	LumiFlex RGBW 4 in 1			
Photometric data (at TJ = 65°C, ± 10%)				
Light color	RED	GREEN	BLUE	WHITE
Binning	-	-	-	-
Color temperature (K)				2700 K
Dominant wavelength (nm)	610 – 630 nm	535 - 545 nm	460 - 480 nm	
Luminous flux max. (lm)	250 lm	600 lm	150 lm	500 lm
CRI (Ra)	-			70+
Efficiency (lm/W)	30 - 100 lm/W			
Beam angle FWHP	120°			
Lifetime L80B10C1 (h)	>10000 h			
Photometric code	-			-
Electrical data (at TJ = 65°C, ± 10%) (reference settings)				
Operating mode	Constant voltage			
Voltage (V)	24 V			
Current (mA)	2500 mA			
Power (W)	20 W per color, 80 W for RGBW			
Standby power consumption (W)	0 W			
Dimmable	Yes			
Dimensions / Mechanical data		Metric units	Imperial units	
Length	5000 mm	196.50"		
Width	12 mm	0.472"		
Height	2.67 mm	0.105"		
Number of LEDs (pcs)	300 pcs			
Weight (g)	150 g			
Heat dissipation	Yes			
Temperatures				
Operating temperature at Tc	-40 °C to +60 °C			
Ambient temperature	-40 °C to +50 °C			
Storage temperature	-40 °C to +100 °C			
Approvals / Certifications				
CE / RoHS / Reach	Yes			
EN 62471 Risk group	RG0			
Energy efficiency class	-			
Mains voltage luminous efficacy (lm/W)	-			
Version				
Date	1. Feb 2023			

CONNECTION OF LED STRIP

The Professional LED Strips are connected via a lead connection to the connection pads provided for this purpose.

CUTTING INFO



The LED strip can be separated or shortened every 100 mm. On the back of the LED strip is a double-sided heat-conducting adhesive tape, which allows installation of the LED strip. Professional LED strips can be cut with scissors.

LED STRIP PRODUCT NAME EXPLAINED

LumiFlex2080 Samsung LED Strip warm white CRI80 2700K 6500lm 24V 70 LEDs/m 5m reel (1300lm/m and 12.6W/m)						
Product name	Primary application:	Spectrum quality (CRI):	LED brand	Photometric data	Electrical data	Key Photometric and electrical data per meter, for easy comparison to other LED strips
	10XX = LED strip for ambient light (up to 1000 lm/m)	xx80 = minimum acceptable	Product type		Dimensions	
	20XX = LED strip for general light, when combined with other sources (up to 1500 lm/m)	xx90 = good			Mechanical data	
	30XX = LED strip for general light (up to 2500 lm/m)	xx95 = very good				
	40XX = LED strip for work light (up to 5000 lm/m)	xx98 = best (full spectrum light)				

Due to the special conditions in the production process of LEDs, the specified values are statistical averages. The individual LED may deviate from them.  
The LED modules and all their components must not be mechanically stressed.  
Avoid undue claw action, e.g. by screwing or excessive bending.  
The LED modules must not come into contact with aggressive chemical substances, either in

## LUMIFLEX-RGBW-1080 ECO LED STRIP 4 IN 1RGB-WHITE 1500LM 24V 60 LEDS/M 5M REEL

operation or in storage.

The installation of the module (with the operating device) must be carried out in compliance with all applicable electrical and safety standards.

Pay attention to standard ESD precautions when installing the modules.

- The components on the LED modules must not be subjected to mechanical stress.
- The conductive paths on the boards must not be damaged or interrupted by the installation.
- Store and operate the LED modules only at a final humidity of 10% to 60%.

Our LED modules are not protected against overload, overtemperature and short-circuit currents. To operate the modules safely and reliably, it is therefore necessary to use an electronically stabilized power supply unit in which these

in which these safety functions are already integrated. If other power supplies than the ones distributed by us are used, the following protective

the following protective measures must be ensured on the power supply side:

MINIMUM REQUIREMENTS FOR POWER SUPPLIES: Short circuit protection - Overload protection - Overtemperature protection - The installation of LED modules may only be carried out in compliance with all applicable regulations and standards by an authorized electrician.

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**This LED strip can be purchased via the following websites:**

[www.ledrise.eu](http://www.ledrise.eu) / [www.lumistrips.com](http://www.lumistrips.com)

