

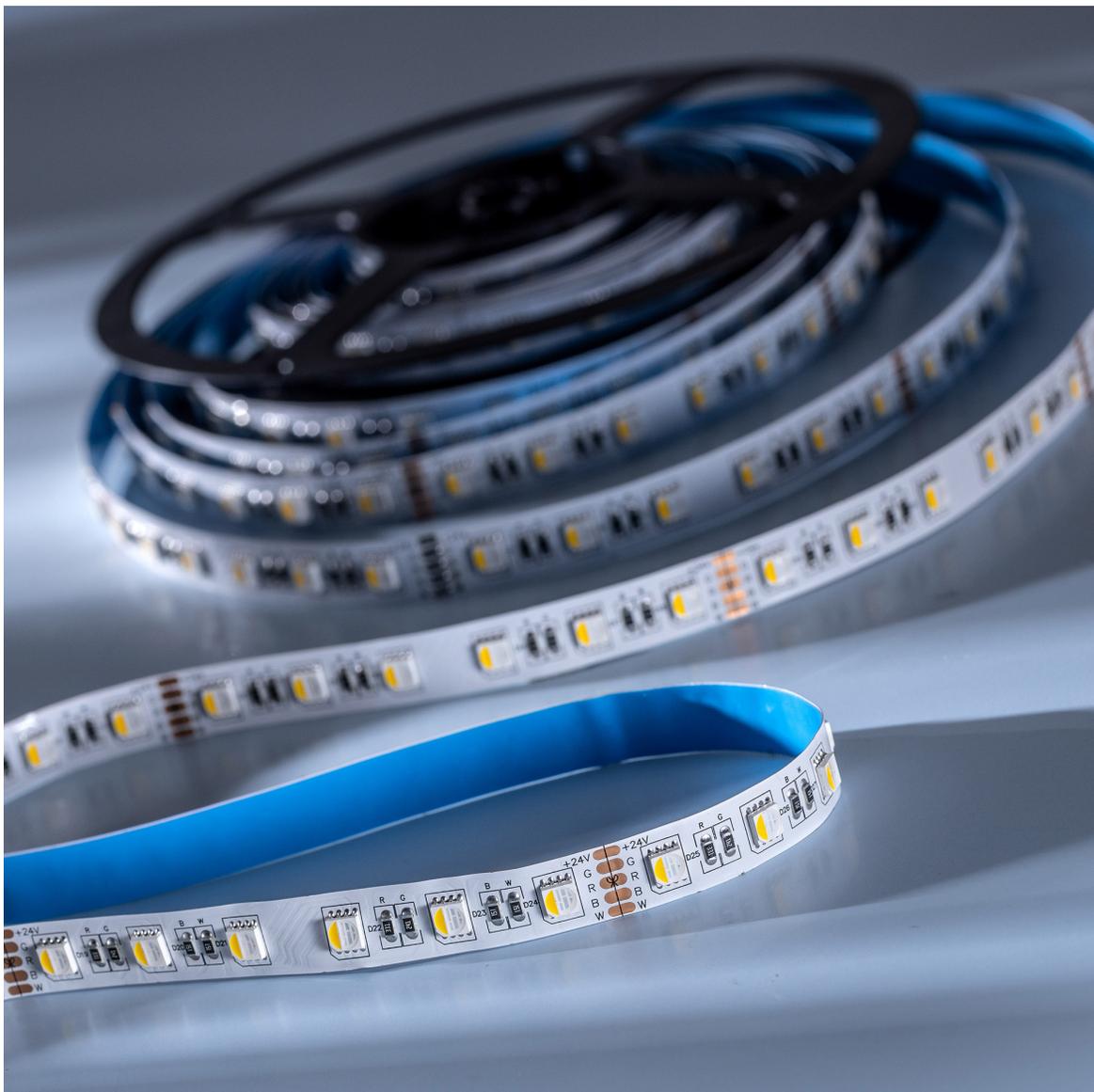


Lumistrips

DATASHEET

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

SKU: 37927



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			

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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 / www.lumistrips.com

