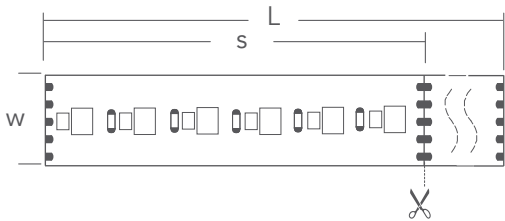**Flexible Strip G3
20W 24V RGBW IP20**

PRODUCT HIGHLIGHTS

- LED flexible strip provides high quality and homogeneous light in a low profile package

- High quality LED 5050 chips used with a rated power of 20W/m with up to 950 lm/m

- No UV or IR emissions. Certified: CE/ RoHS

- Made with highly reflective white PCB surface and heat conductive 3M double adhesive VHB tape

- LED pitch of 8.3 mm resulting in homogeneous light output. Smallest cuttable unit of 5 cm with 6 LEDs

GENERAL CHARACTERISTICS

Product Name	LED Flexible Strip G3 20W RGBW IP20
Rated Power	20W/m
Operating Voltage	24V DC
Operating Current Per Reel	5 A
LED Type	SMD 5050
Dimensions (L x w x h)	6'000 x 12 x 1.3 mm
Step Length (s)	50 mm
LED Pitch	8.3 mm
Number of LEDs	120 + 120 LEDs/m
Maximum Continuous Length	10 meters
Ingress Protection	IP20
Temperature Range	-30° ... +40°C
Service Lifetime	30'000 hours

LIGHT CHARACTERISTICS

Product Reference	LDSTR G3 20W/24V/RGBW/IP20
Luminous Flux	950 lm/m
Luminous Efficiency	48 lm/W
Beam Angle	120°
Colour Name	RGB + Warm White
Colour Temperature (CCT)	RGB + 3'000 K
CRI	> 90

MOUNTING INSTRUCTIONS

Feeding by soldering at the designated solder pads. Polarity (+/-) must be respected. Maximum soldering duration must not exceed 10 seconds, and maximum soldering temperature must not exceed 260°C.The PCB strip can be cut every 5 cm between the solder pads and the marked points by using a pair of scissors or similar.
Adhesive VHB (Very High Bonding) tape must be used on clean surfaces, free of oil, silicone and dirt particles.Strip must be mounted on heat conductive surface for heat dissipation and extended lifetime.

SAFETY GUIDELINES

Only approved power supplies and dimmers can be used.
Only a skilled person is allowed to install the strip according to valid instructions and norms.
Be aware of ESD during mounting and installation.
Mechanical stress of the strip is to be avoided.
Not respecting the polarity will result in irreversible damage to the LED strip.