

This product data sheet applies to the following items only:

	IP20 uncoated LED tape	IP65 Splashproof LED tape
Gradus item code <i>(suppliers code)</i>	RGBWW/20W/24V (RGBWW-20) RGBW/20W/24V (RGBW-20)	RGBWW/20W/24VI (RGBWW-20-IP) RGBW/20W/24VI (RGBW-20-IP)

Gradus Detailed Specification

Manufacturer: Gradus Accessories, Park Green, Macclesfield, Cheshire, SK11 7LZ.

Tel: 01625 428922 **Fax:** 01625 433939

Website: www.gradus.com **Email:** sales@gradus.com

Power Consumption	19.2W/m (based on a 5m run)
Voltage	24v DC
LEDs/m	60
Kelvin	RGBWW = RGB+3000k Warm White RGBW = RGB+6000k Cool White
Lumens/m	1440
Tape dimensions	W: 12mm / D: 3mm
PCB increment	Power connection and cut points every 100mm
LED pitch	16.77mm
Beam angle	120°
PCB colour	White
LED chip	Epistar 5050 SMD
CRI	85+
Operating temp.	-20°C ~ 45°C
IP rating	IP20 uncoated / IP65 splashproof
Min. bend radius	10mm
Connection	Hardwire tails
Control	0-10v / 1-10v / DMX / DALI / RF / Triac / Push
Mounting	3M VHB backing tape

RGBWW:



RGBW:



Description

LED Architectural Lighting range: LED Tapes

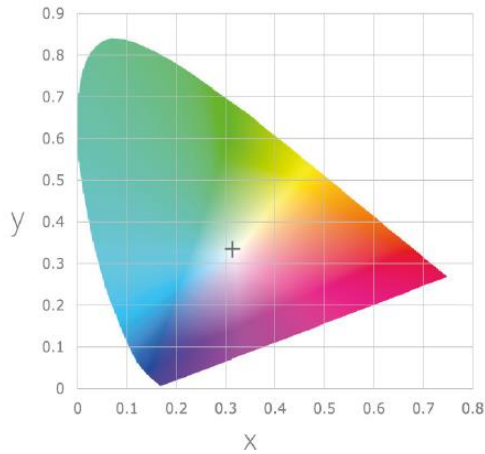
Gradus offer a comprehensive range of commercial grade 24v LED tapes that feature premium components to ensure long-lasting reliability and come in a wide choice of formats, colours and brightness options. Our LED tapes can be combined with any of our Aluminium Profiles (sold separately) and Gradus can also provide controllers allowing you to create an overall lighting solution that achieves the required flexibility and functionality for each individual project.

LED Lighting Systems Product Data Sheet

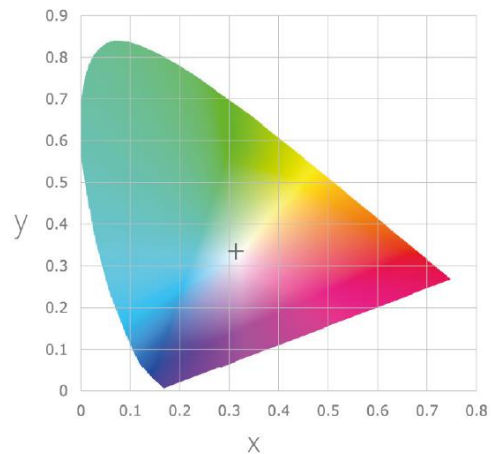
20W Colour Changing LED Tapes 24v – RGBWW & RGBW Data Sheet: Page 2 of 3 AH/SM/DW 06.12.21

Chromotology diagrams

RGBWW - 3000k Warm White:

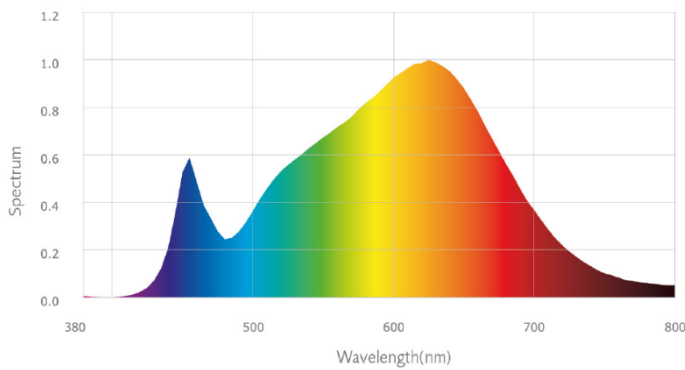


RGB+W - 6000k Cool White:

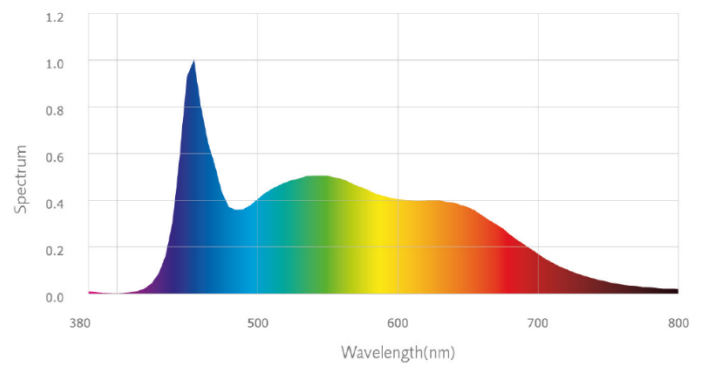


Spectral radiant flux versus wavelength

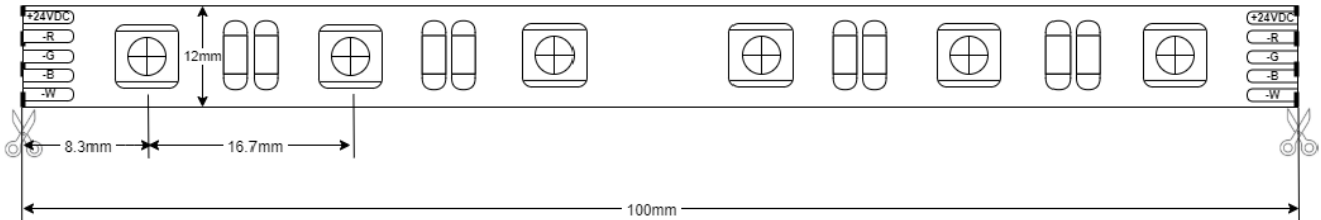
RGBWW – 3000k Warm White:



RGB+W - 6000k Cool White:



Technical Drawing



Wiring Diagram

