

This product data sheet applies to the following items only:

	IP20 uncoated LED tape	IP65 Splashproof LED tape
Gradus item code (suppliers code)	R/10W/24V (R-10-24V) G/10W/24V (G-10-24V) B/10W/24V (B-10-24V) A/10W/24V (A-10-24V) P/10W/24V (P-10-24V)	R/10W/24VI (R-10-24V-IP) G/10W/24VI (G-10-24V-IP) B/10W/24VI (B-10-24V-IP) A/10W/24VI (A-10-24V-IP) P/10W/24VI (P-10-24V)

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	9.6W/m (based on a 5m run)
Voltage	24v DC
LEDs/m	120
Kelvin	Red, Green, Blue, Amber, Pink
Lumens/m	Red = 180, Green = 420, Blue = 132, Amber = 180, Pink = 600
Tape dimensions	W: 8mm / D: 3mm
PCB increment	Power connection and cut points every 50mm
LED pitch	8.3mm
Beam angle	120°
PCB colour	White
LED chip	Epistar 3528 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



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.

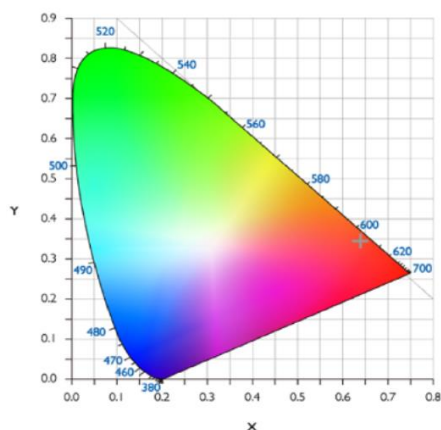
LED Lighting Systems Product Data Sheet

10W Traditional LED Tapes 24v – Single Colours

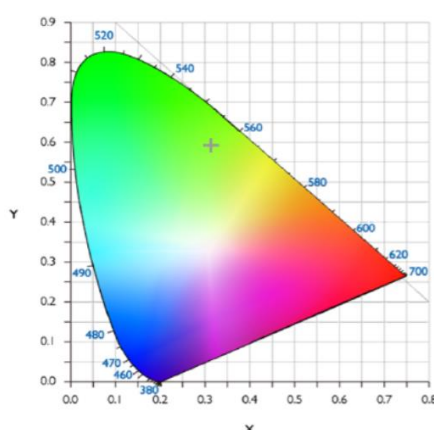
Data Sheet: Page 2 of 4 AH/SM/DW 06.12.21

Chromotology diagrams

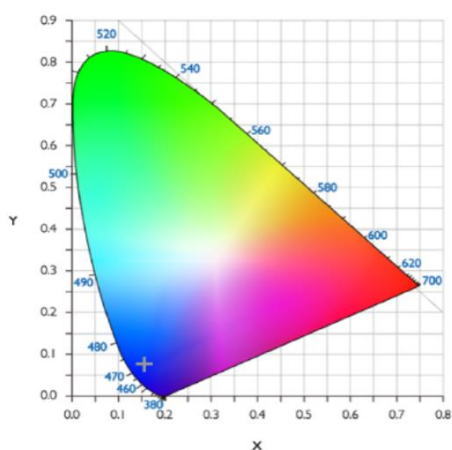
Red:



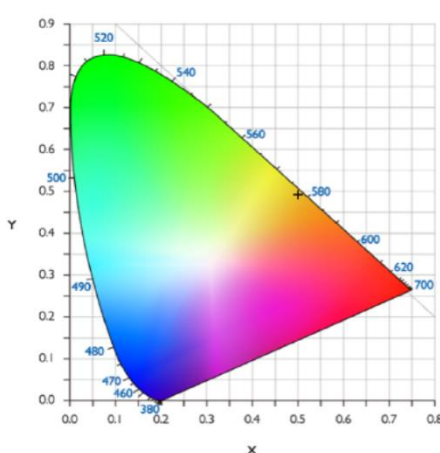
Green:



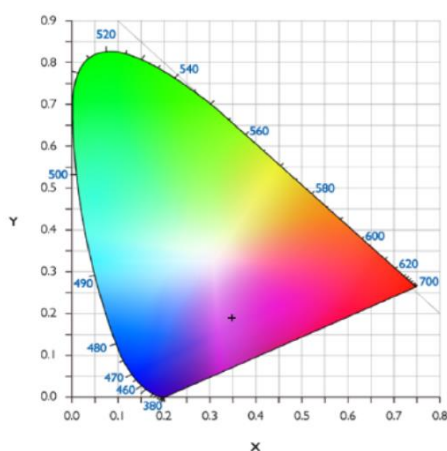
Blue:



Amber:



Pink:



LED Lighting Systems

Product Data Sheet

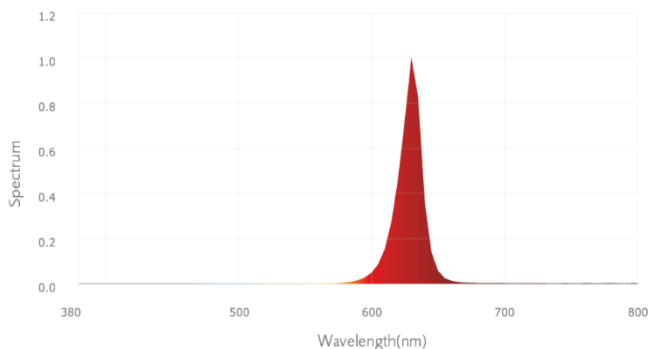
GRADUS

10W Traditional LED Tapes 24v – Single Colours

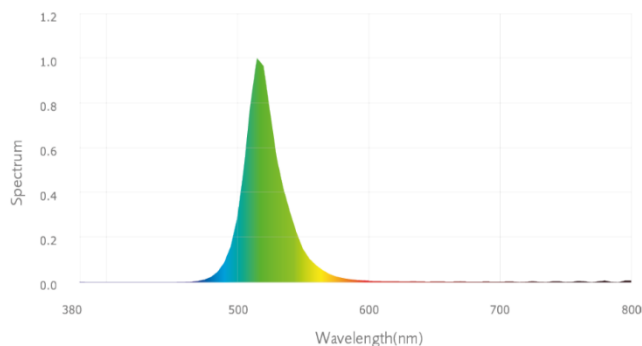
Data Sheet: Page 3 of 4 AH/SM/DW 06.12.21

Spectral radiant flux versus wavelength

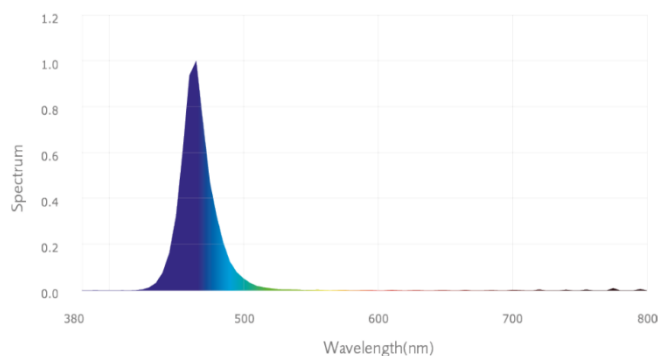
Red:



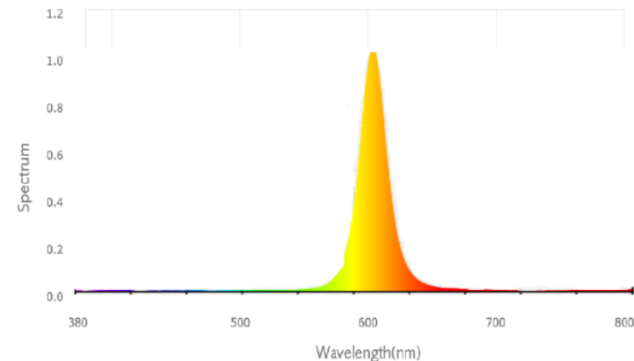
Green:



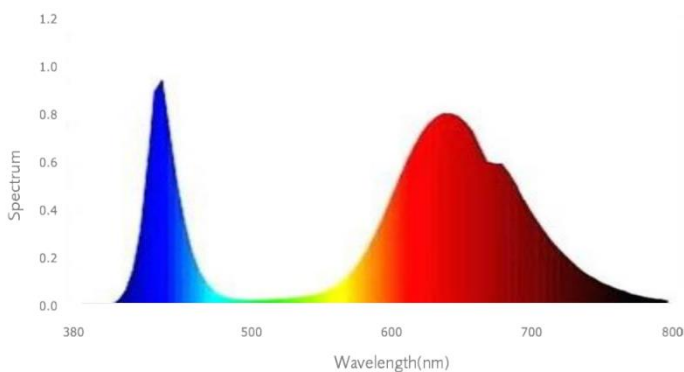
Blue:



Amber:



Pink:

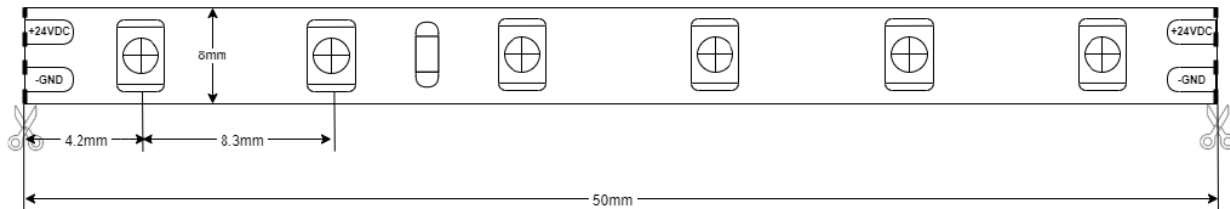


LED Lighting Systems Product Data Sheet

10W Traditional LED Tapes 24v – Single Colours

Data Sheet: Page 4 of 4 AH/SM/DW 06.12.21

Technical Drawing



Wiring Diagram

