

This product data sheet applies to the following items only:

|  | IP20 uncoated LED tape   | IP65 Splashproof LED tape  |
|--|--|--|
| <b>Gradus item code</b><br><i>(suppliers code)</i> | W2700/15W/24VC (W-15-2700-24V-COB)<br>W3000/15W/24VC (W-15-3000-24V-COB)<br>W4000/15W/24VC (W-15-4000-24V-COB)<br>W6000/15W/24VC (W-15-6000-24V-COB) | W2700/15W/24VCI (W-15-2700-24V-COB-IP)<br>W3000/15W/24VCI (W-15-3000-24V-COB-IP)<br>W4000/15W/24VCI (W-15-4000-24V-COB-IP)<br>W6000/15W/24VCI (W-15-6000-24V-COB-IP) |

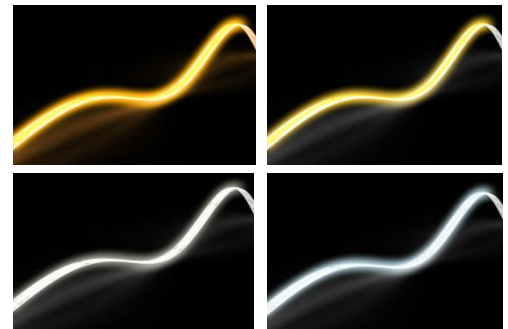
### Gradus Detailed Specification

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

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

**Website:** [www.gradus.com](http://www.gradus.com) **Email:** [sales@gradus.com](mailto:sales@gradus.com)

|                          |  |
|--------------------------|--|
| <b>Power Consumption</b> | 14.4W/m (based on a 5m run)  |
| <b>Voltage</b>           | 24v DC   |
| <b>LEDs/m</b>            | 528  |
| <b>Kelvin</b>            | 2700k (Warm White), 3000k (Warm White),<br>4000k (Day White), 6000k (Cool White) |
| <b>Lumens/m</b>          | 2700k = 1368, 3000k = 1440,<br>4000k = 1584, 6000k = 1728                        |
| <b>Tape dimensions</b>   | W: 10mm / D: 3mm   |
| <b>PCB increment</b>     | Power connection and cut points every 45mm                                       |
| <b>LED pitch</b>         | 0mm  |
| <b>Beam angle</b>        | 120°   |
| <b>PCB colour</b>        | White  |
| <b>LED chip</b>          | COB (chip-on-board) technology   |
| <b>CRI</b>               | 90+  |
| <b>Operating temp.</b>   | -20°C ~ 45°C   |
| <b>IP rating</b>         | IP20 uncoated / IP65 splashproof   |
| <b>Min. bend radius</b>  | 10mm   |
| <b>Connection</b>        | Hardwire tails   |
| <b>Control</b>           | 0-10v / 1-10v / DMX / DALI / RF / Triac / Push                                   |
| <b>Mounting</b>          | 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.

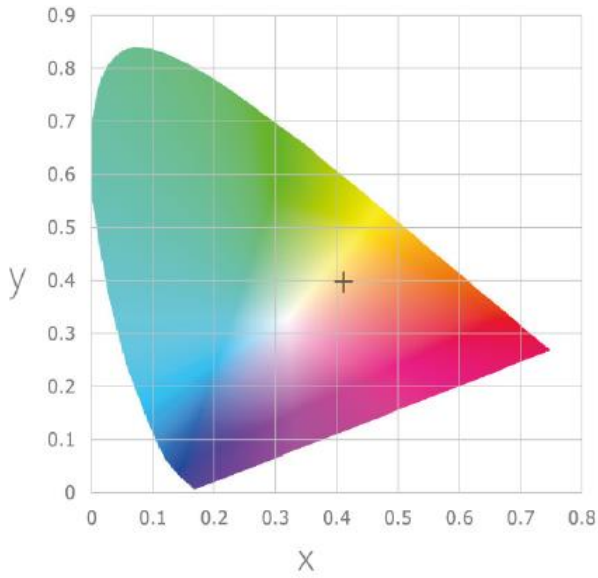
## LED Lighting Systems Product Data Sheet

15W Spotless LED Tapes 24v – Whites

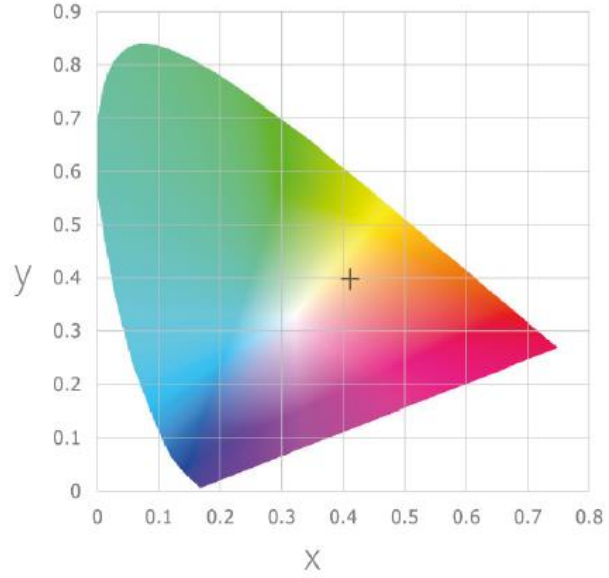
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### Chromotology diagrams

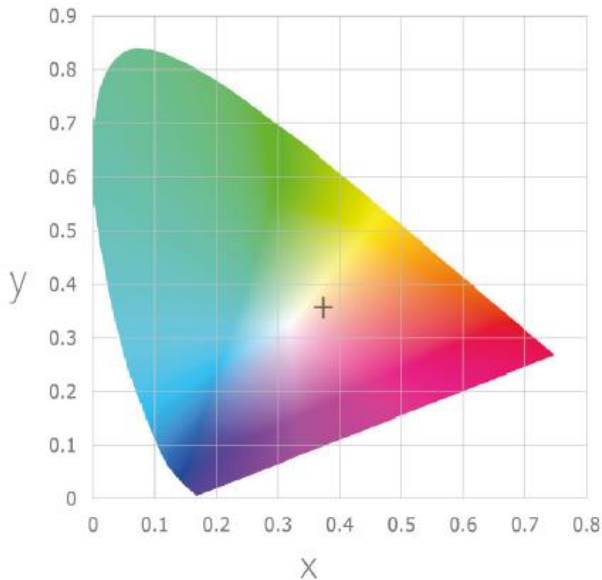
2700k (Warm White):



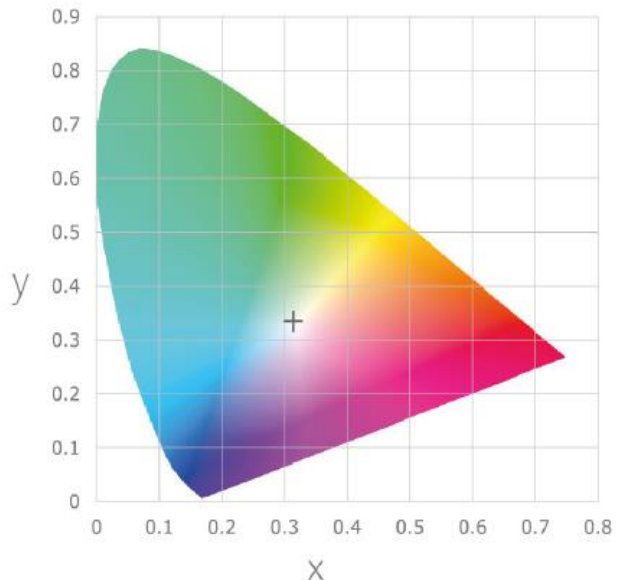
3000k (Warm White):



4000k (Day White):



6000k (Cool White):



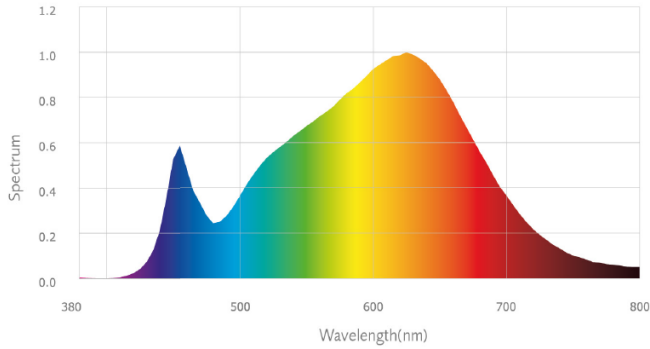
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15W Spotless LED Tapes 24v – Whites

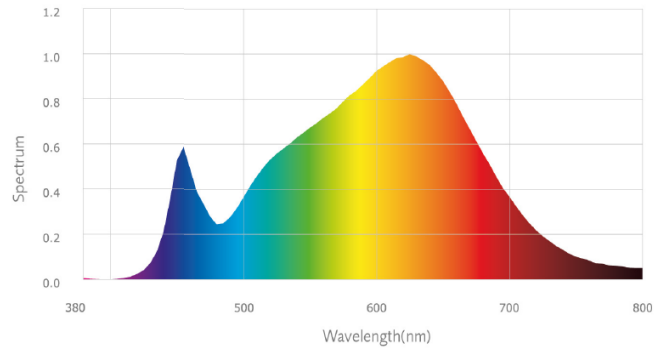
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### Spectral radiant flux versus wavelength

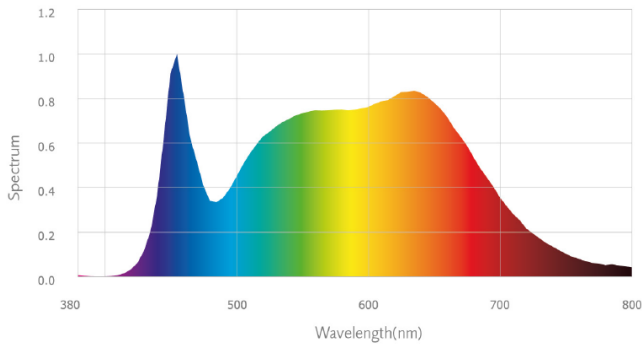
2700k (Warm White):



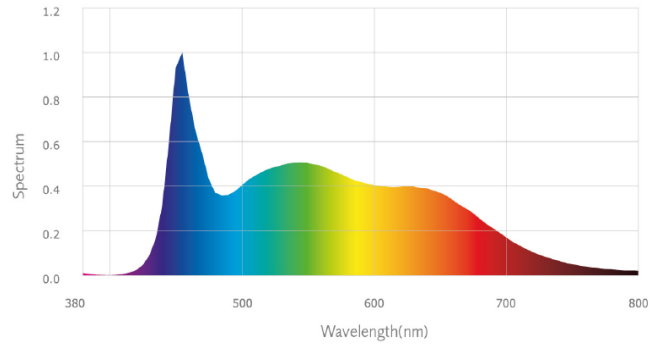
3000k (Warm White):



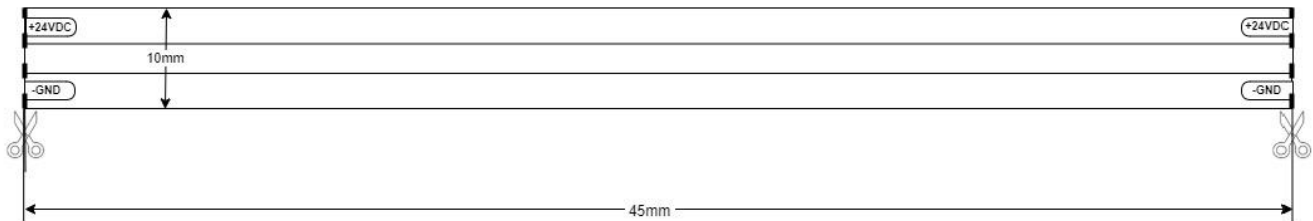
4000k (Day White):



6000k (Cool White):



### Technical Drawing



### Wiring Diagram

