



# Golden Dragon LED Strip

The Golden Dragon LED Strip produces high power light output, using the latest and most energy efficient LEDs from world leading LED manufacturer, OSRAM Opto Semiconductors.

The LEDs are spaced 75mm from one another, with 3 LEDs per segment (segments can be connected in series). Due to brightness and the wide spacing of the LEDs, it is recommended that the LED strip is positioned far enough from the diffuser to allow light to be mixed evenly.

The Golden Dragon LED Strip can be used in any application as an alternative to fluorescent lighting. Such instances may include locations where replacement of fluorescent lamps is a frequent and costly maintenance issue, where an ultra thin light source is required, or in environments subject to vandalism, where fragile light sources are not suitable.



| Product Code              | STR-GD01WH       | STR-GD23W          |                      |
|---------------------------|------------------|--------------------|----------------------|
| Product Name              | 1W Golden Dragon | 2.3W Golden Dragon | 2.3W Golden Dragon   |
| Description               | White            | Cool White Stock   | Cool White Prototype |
| Length                    | 225mm            | 225mm              | 225mm                |
| Width                     | 13mm             | 13mm               | 13mm                 |
| LED Pitch                 | 75mm             | 75mm               | 75mm                 |
| LEDs Per Group            | 3                | 3                  | 3                    |
| Operating Voltage         | 12VDC            | 12VDC              | 12VDC                |
| LED Maker                 | OSRAM            | OSRAM              | OSRAM                |
| Part Number               | LUW W5SG         | LUW W5SM           | LUW W5SM             |
| Typical Power Consumption | 4.2W             | 6W                 | 6W                   |
| Typical Current           | 350mA            | 500mA              | 500mA                |
| Max Length                | N/A              | N/A                | N/A                  |
| Wavelength                | 5600K; CRI=80    | 5600K; CRI=80      | 5600K; CRI=80        |
| Luminous Efficacy         | 21lm/W           | 40lm/W             | 60lm/W               |
| Luminous Flux             | ~ 88lm           | ~ 240lm            | ~ 360lm              |
| Angle                     | 120°             | 120°               | 120°                 |
| Heatsink Required         | No               | Yes                | Yes                  |
| LOCK TM available         | No               | No                 | No                   |
| Available Extrusion       | PCXTR-1512       | ALXTR-2015         | ALXTR-2015           |
| Available Endcaps         | Yes              | Yes                | Yes                  |