



### FLST Series Flexible LED Light Strips



#### Onstate LED lighting solutions:

1. Long life, low maintenance.
2. 50k+ hours operation.
3. Safe to handle.
4. No toxic metals.
5. Environmentally safe.
6. No harmful radiation.
7. Cool, quiet, safe operation.
8. Instant light. No warm-up.
9. High quality white light.
10. High efficiency.
11. External sensor controllable.
12. Easily dimmable.

#### Onstate High-brightness PCB LED Light Strips

##### Applications:

- For good colour definition and contrast lighting requirements
- Architectural, accent, industrial, residential, commercial long-term lighting
- Kitchen, cove, shelf, cabinet, sign, corridor
- Security, solar and battery powered lighting
- Motion activated occupancy or sensor controlled lighting

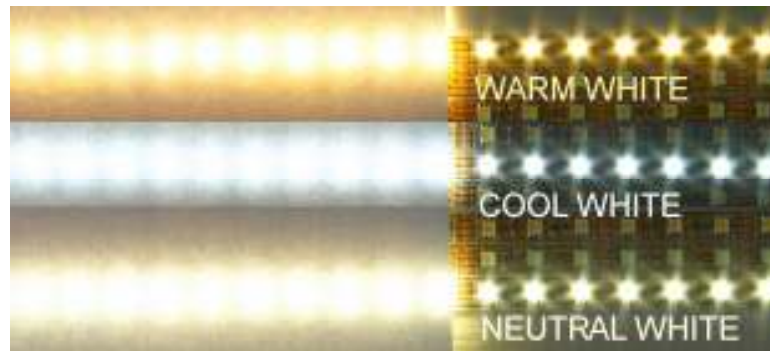
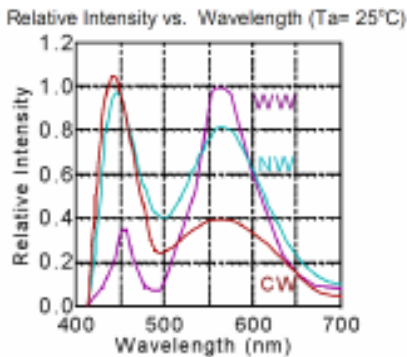
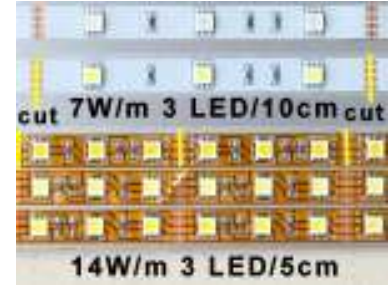
##### Specifications:

Power: 12 VDC (+/- 10%), 7.2W Max  
 LEDs: 30 high-power, long-life white LEDs per section  
 SMD 5050 (3 chips/LED, Epistar), +50k hrs  
 Brightness: 400lm (WW, NW), 450lm (CW)  
 CRI: >65 (WW, NW), >70 (CW)  
 Beam angle: 120 degrees  
 Dimension: 50cm (L) section, 250cm roll (5 sections), 150 LEDs, 14W/m, 1.0cm (W) x 0.8cm (D)  
 50cm (L) section, 500cm roll (10 sections), 150 LEDs, 7W/m, 0.4" (W) x 0.31" (D)  
 Material: Flexible PCB. Coated  
 Wiring: 12" red/black power input  
 Red=+12VDC power, Black= -DC ground  
 Solder end-to-end for inline connections, connectors available  
 Mounting: Metal flat bar or U-channel extrusion  
 Weight: 15g

##### Part Coding: FLSTxy-z

**x**= LED colour      WW=Warm White, 3200k(3000-3500k)  
                             NW= Neutral White, 4200k(4000-4500k)  
                             CW=Cool White (6500k, 6000-7000k)  
                             RD= Red, BE= Blue, GN= Green, OE= Orange/Amber  
**y**= length            1= 14W/m 50cm, 2= 7W/m 50cm  
**z**=Options            1= Standard

A full roll is 250cm with 150 LEDs (14W/m) roll length. Also available is a 500cm roll with 150 LEDs (7W/m). Waterproof versions available.



**Warranty:**

Onstate Technologies warrants its products to be free of defects in materials and workmanship for a period of two (2) years. All products are sold as-is. Onstate technologies assumes no liabilities or obligations due to consequential damages caused by the product directly or indirectly with respect to loss of property, revenue, or cost of removal, installation or reinstallation. Modifications or improper use will void warranty.

**Thank you for choosing Onstate Technologies**