Onstate
LED Lighting ™

FLST Series
Flexible LED Light Strips

Product Technical Information- LED LIGHTING
FLST Series

Seeing with LED Lighting™

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: FLST**xy-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 with150 LEDs (14W/m) roll length. Also available is a 500cm roll with 150 LEDs
(7W/m). Waterproof versions available.

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cut **7W/m 3 LED/10cm** cut

14W/m 3 LED/5cm
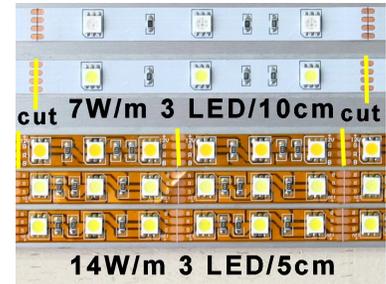
Relative Intensity vs. Wavelength (Ta= 25°C)

WARM WHITE

COOL WHITE

NEUTRAL WHITE
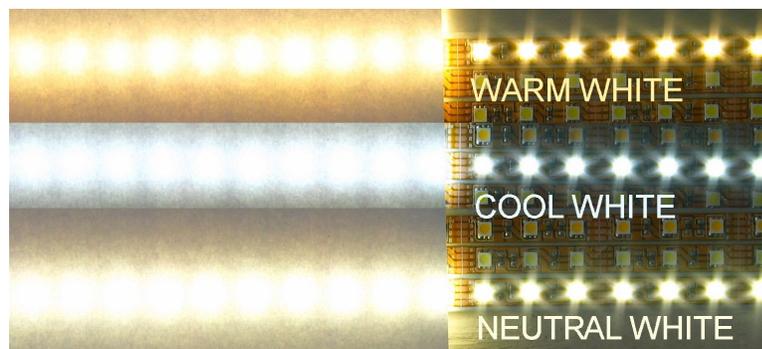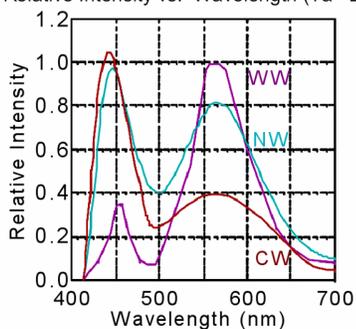
Warranty:
Onstate Technologies warranties its products to be free of defects in materials and workmanship for a period of two (2) years. All products are sold as-is. Onstate technologies assumes no liabilities or obligations due to consequential damages caused by the product directly or indirectly with 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