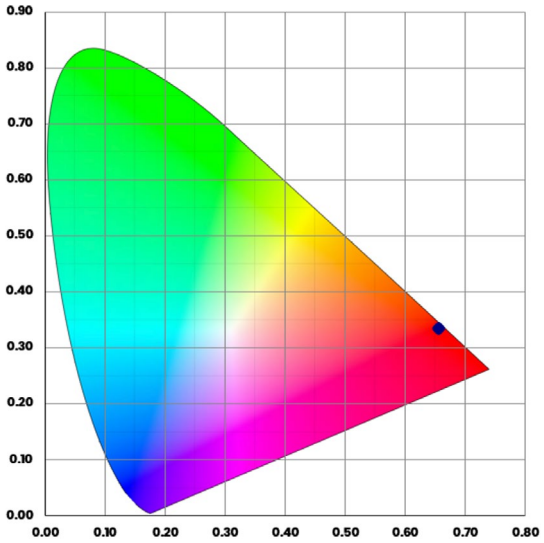
# LUMILUX®




## TECHNICAL DATA SHEET

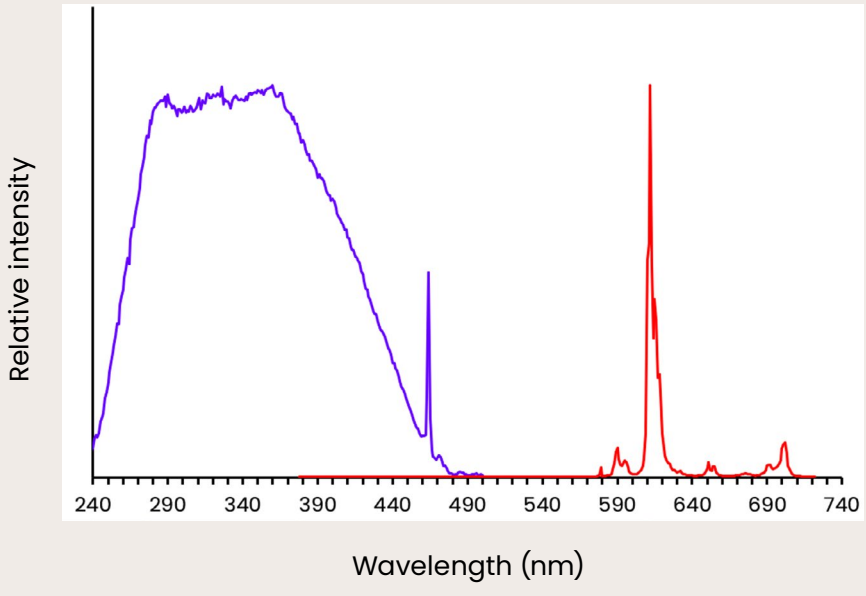
## 52870 RED MF-P 870

**Product group:** Luminescent fibres for security coding

**Primary use:** Security paper pulps

| TYPICAL LUMINESCENT PROPERTIES | |
|---|---|
| Fluorescence colour[1] | Reddish orange (rO) |
| CIE chromaticity coordinates | x = 0.66 ±0.01<br>y = 0.33 ±0.01 |

Typical excitation (left) and fluorescence (right) spectra

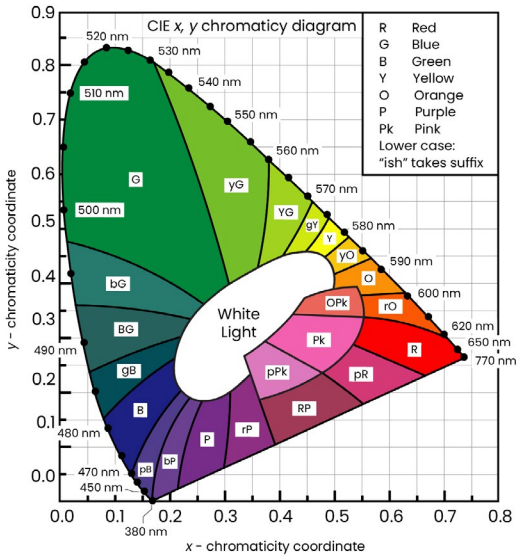



Solstice

| TYPICAL CHEMICAL PROPERTIES | |
|---|---|
| Composition | Ground polyamide fibre with pigment |

| TYPICAL PHYSICAL PROPERTIES | |
|---|---|
| Appearance | White to off white fibres |
| Melting range | >200 °C |
| Product character | 1.7-8.9 dtex<br>0.5 mm<br><10% moisture |

[1]Fluorescent colour is described using the 1931 chromaticity diagram




RESPONSIBLE CARE™
Driving Safety & Sustainability

All statements and information provided herein are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, express or implied. Statements regarding possible uses of our products are provided for informational purposes only and do not constitute a representation or warranty. Users remain responsible for evaluating all safety and environmental considerations. Any descriptions of future products, intended updates, or improved features or functions do not constitute a commitment by Solstice to develop, sell, or release such products, updates, features, or functions, as such decisions remain in our sole discretion.

**For More Information Visit**
solstice.com

**Solstice Advanced Materials Inc.**
115 Tabor Rd.
Morris Plains, NJ 07950

Solstice

130657-esm-tds-lumilux-red-mf870-ltr-en | SOLS | Sept 2026
© 2026 Solstice Advanced Materials US, Inc.