

NEMOTO PHOSPHORESCENT PIGMENT

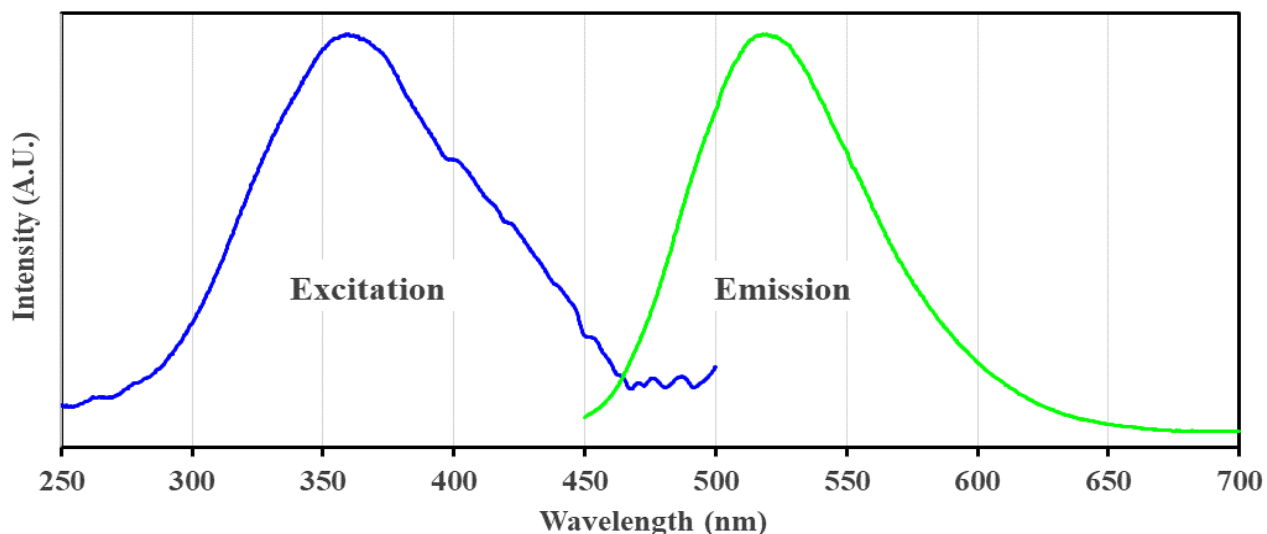
Technical Data Sheet

Item		LumiNova[®]
Grade		SW-300AM
Chemical composition		SrA ₂ IO ₄ :Eu,Dy
Emission color (peak wavelength)		Green (521±2 nm)
Afterglow brightness ^(*1) (mcd/m ²) Excitation: D ₆₅ lamp, 200lux for 20min.	10 min.	≥ 119
	20 min.	≥ 68
	60 min.	≥ 23
Specific gravity	real ^(*2)	3.6
Body color		White
Particle size distribution by Malvern Mastersizer 3000	D ₅₀	26±5 μm
	D ₉₀	≤ 60 μm

(*1) Temperature at 22±2°C

(*2) OECD method no.109

Excitation & Emission Spectra



Version:1

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NEMOTO & CO.,LTD.

4-10-9, Takaido-higashi, Suginami-ku
TOKYO, 168-0072, JAPAN

Tel: +81-3-3333-2770 Fax: +81-3-3333-7344
<https://www.nemoto.co.jp>