

Product Data Sheet

50105 Lumilux® Green SN-F5

www.honeywell-lumilux.com

Main use Long afterglow products according to DIN 67510 part 4
Useable for Solvent-based paints and inks, thermoplastics, thermosetting plastics

Typical chemical properties

Composition alkaline earth aluminate
Insoluble in alkalies, organic solvents
Decomposition by water, acids

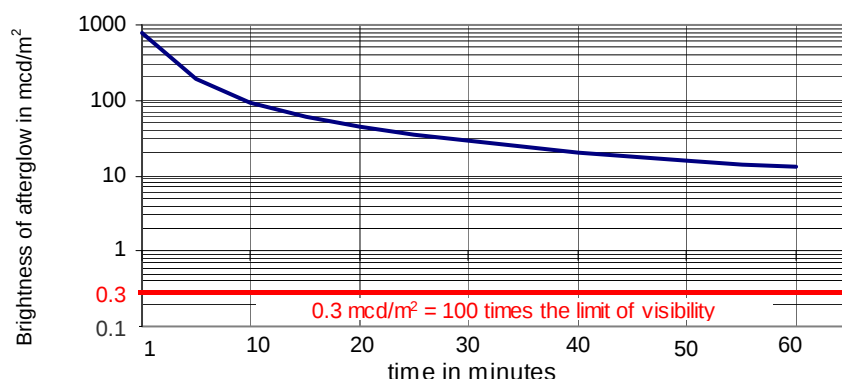
Typical physical properties

Appearance off white powder
Specific gravity 3.4 g/cm³
Particle size distribution d₅₀ = max. 6 µm as determined by COULTER Lasersizer 230
Screen analysis max. 0.1 % oversized particles on 80 µm testing screen

Typical luminescent properties

Excitation white light, UV radiation
Color of fluorescence yellowish green
Color of phosphorescence yellowish green
Reference criterion to DIN 67510, part 1 min. 90/12-1300-W-K

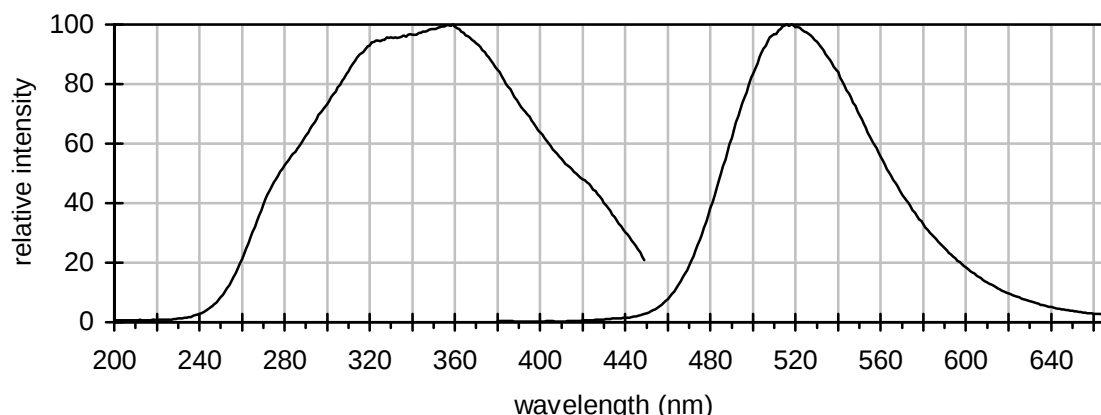
Typical decay curve



Typical intensity of afterglow
according to the German norm DIN 67510-1:
Photoluminescent pigments and products - Part 1:
Measurement and marking at the producer

after 5 minutes	180 mcd/m ²
after 10 minutes	90 mcd/m ²
after 60 minutes	12 mcd/m ²
after 120 minutes	5 mcd/m ²

Typical excitation (left) and phosphorescence (right) spectra



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