

## Product Data Sheet 50112 Lumilux<sup>®</sup> Green SN-F30

[www.honeywell-lumilux.com](http://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 organic solvents  
 Decomposition by water, acids

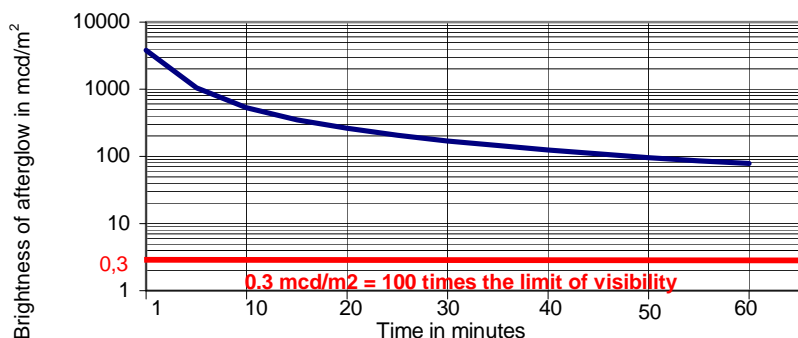
### Typical physical properties

Appearance yellow-green  
 Specific gravity 3.4 g/cm<sup>3</sup>  
 Particle size distribution d<sub>50</sub> = max. 40 µm as determined by COULTER Lasersizer 230  
 Screen analysis max. 1 % oversized particles on 125 µm testing screen

### Typical luminescent properties

Excitation white light, UV radiation  
 Color of fluorescence green  
 Color of phosphorescence green  
 Reference criterion to DIN 67510, part 1 min. 400/58-5500-W-K

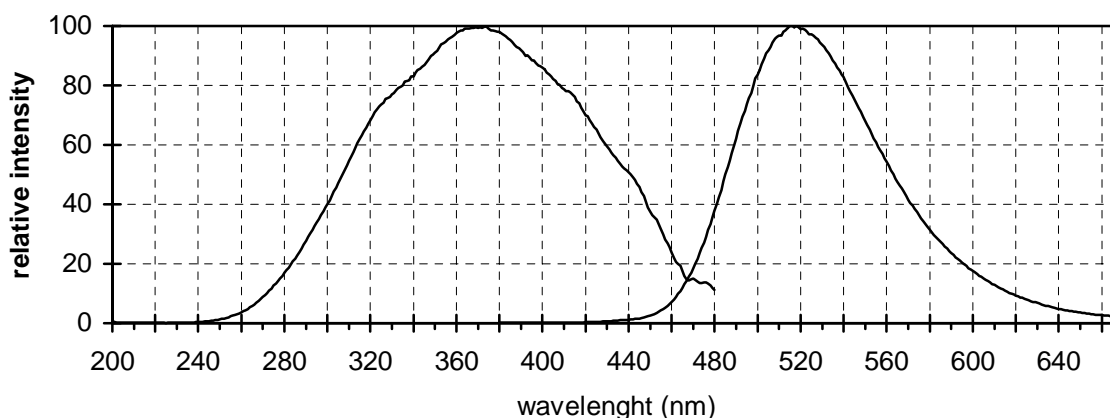
### Typical decay curve



**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	790 mcd/m <sup>2</sup>
after 10 minutes	400 mcd/m <sup>2</sup>
after 60 minutes	58 mcd/m <sup>2</sup>
after 120 minutes	26 mcd/m <sup>2</sup>

### Typical excitation (left) and phosphorescence (right) spectra



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