

## Product Data Sheet 50025 Lumilux® White N

[www.honeywell-lumilux.com](http://www.honeywell-lumilux.com)

Main use Afterglow plastic sheets, paints, injection moulding  
 Useable for paints and inks, thermoplastics, thermosetting plastics

### Typical chemical properties

Composition mixture of afterglow phosphors  
 Insoluble in water  
 Decomposition by acids

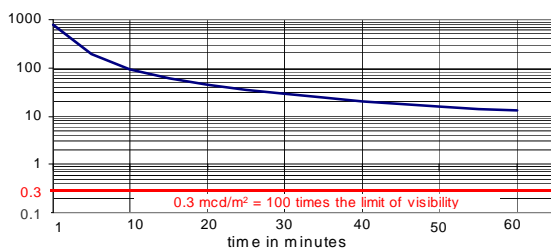
### Typical physical properties

Appearance whitish powder  
 Specific gravity 4 g/cm<sup>3</sup>  
 Particle size d<sub>50</sub> < 30 µm determined by COULTER® LS™ 230 (Lasersizer)

### Typical luminescent properties

Excitation white light, UV radiation  
 Color of fluorescence white  
 Color of phosphorescence white

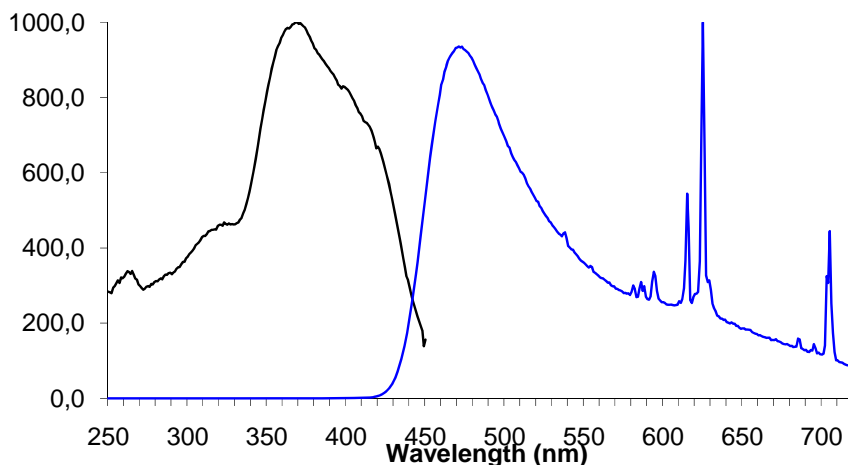
### Typical decay curve



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

after 10 minutes	60	mcd/m <sup>2</sup>
after 60 minutes	7.5	mcd/m <sup>2</sup>

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



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