



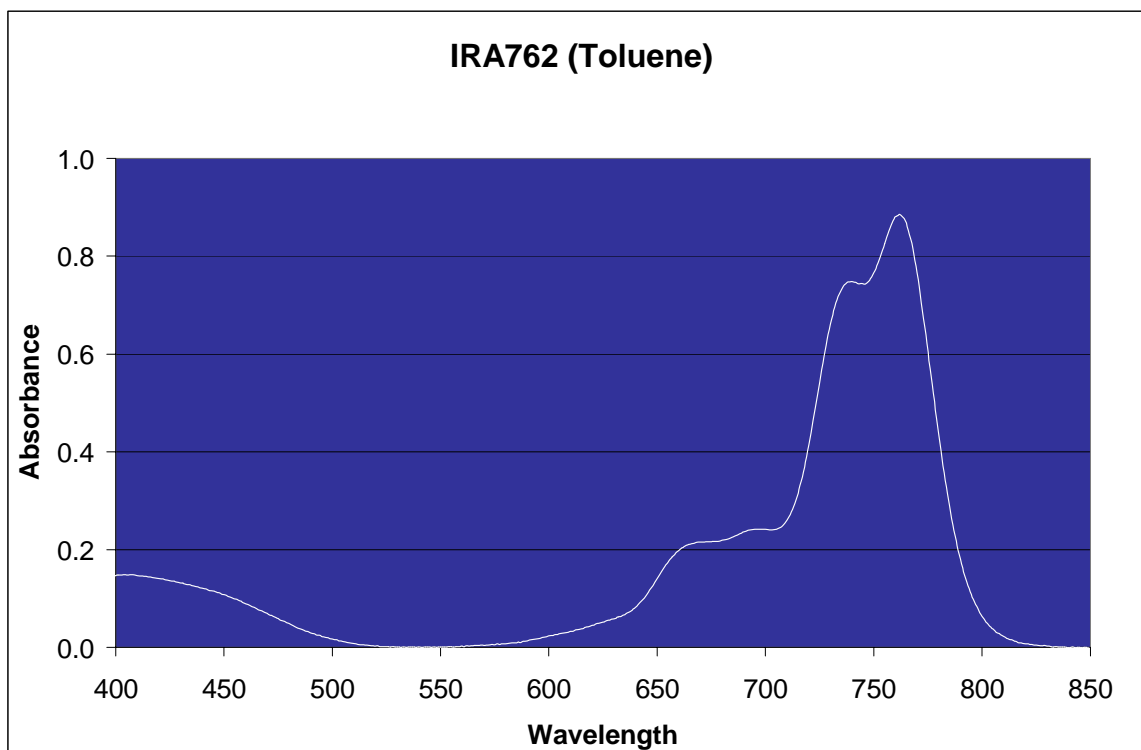
PO Box 31126  
Dayton, OH 45437  
Tel: 937.252.2989 Fax: 937.258.3937  
E-mail: info@exciton.com  
www.exciton.com

## IRA 762: Infrared Absorber

### Properties

Composition	Proprietary Coordination Complex <sup>1</sup>
Peak Wavelength	762 ± 1 nm (toluene), 770 ± 1 nm (polycarbonate)
Strength	128 L/gm-cm (CH <sub>2</sub> Cl <sub>2</sub> - 0.5% Et <sub>3</sub> N) at 768 ± 1 nm
Appearance	Dark green crystalline powder
Solubility	40 gm/L (methylene chloride), 65 gm/L (chloroform), 19 gm/L (toluene), 25 gm/L (cyclopentanone)
Melting Point	> 200 °C
Solar Stability	Fair – loss of 0.40 OD in polycarbonate, 200 hrs at 1 sun

### Spectrum (toluene)



1. A non-reverse analysis agreement is required prior to the purchase of this proprietary dye. This product may be available for licensing for specific applications that require selective absorption and high temperature stability. Please contact Exciton for licensing or additional technical information.

The information presented above is believed to be accurate but is not a specification. The customer is fully responsible for determining the suitability of this product for use in their application. Exciton, Inc. does not represent that the information is sufficient or complete for any specific application.