



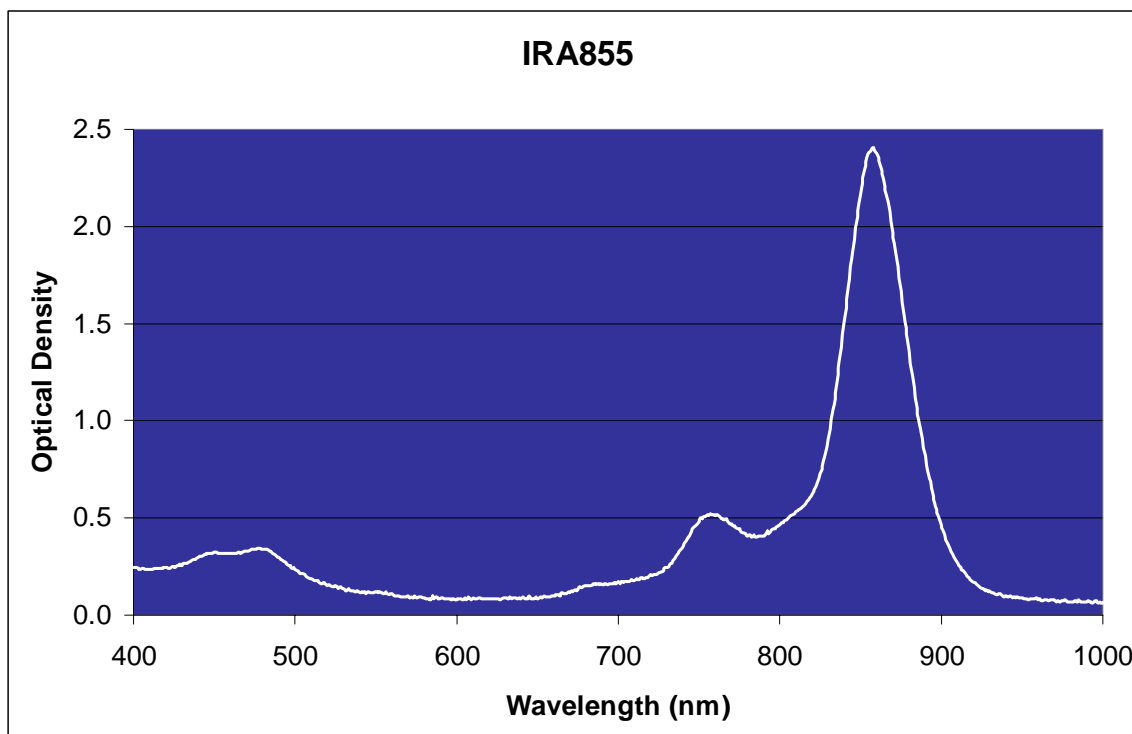
PO Box 31126
Dayton, OH 45437
Tel: 937.252.2989 Fax: 937.258.3937
E-mail: info@exciton.com
www.exciton.com

IRA 848: Infrared Absorber

Properties

| | |
|-----------------|--|
| Composition | Proprietary Coordination Complex ¹ |
| Peak Wavelength | 848 ± 2 nm (methylene chloride), 858 ± 2 (polycarbonate) |
| Strength | 162 L/gm-cm (methylene chloride) |
| Appearance | Brown powder |
| Solubility | 24 gm / L (toluene), 4 gm / L (methylene chloride), 41 gm/L (chloroform), 1.5 gm / L (cyclopentanone) |
| Melting Point | > 300 °C |
| Solar Stability | Low |

Spectrum (methylene chloride)



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.