

Dicro® Entertainment Lighting Filters



Key Features

- Standard and custom colors
- Custom shapes, patterning and Gobos
- Exact cut-on/cut-off tolerances
- CIE chromaticity diagram compliant
- Excellent coating uniformity
- High transmission and reflection
- Durable coating materials and glass
- Rich, saturated colors for more dramatic effects
- Uniform colors, center-to-edge, filter-to-filter
- Extensive operating life
- Improved heat resistance
- Higher light throughput

Applications

- Stage lighting
- Rock concerts
- Architectural lighting
- Color temperature correctors
- Heat management systems
- UV transmitters

Dicro® Filters for Entertainment Lighting

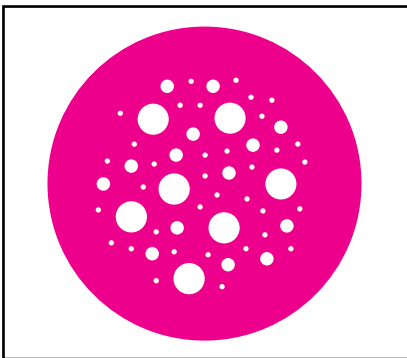
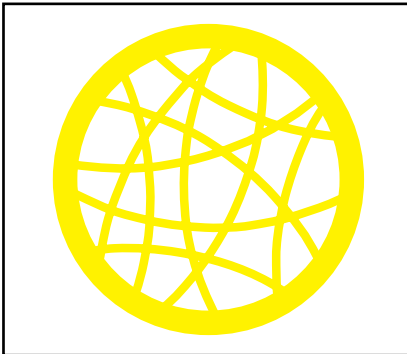
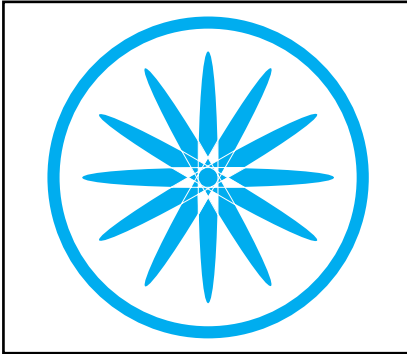
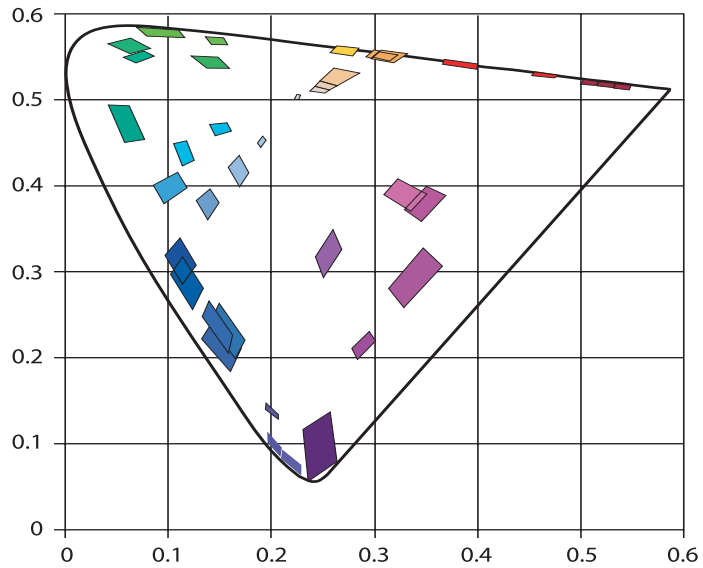
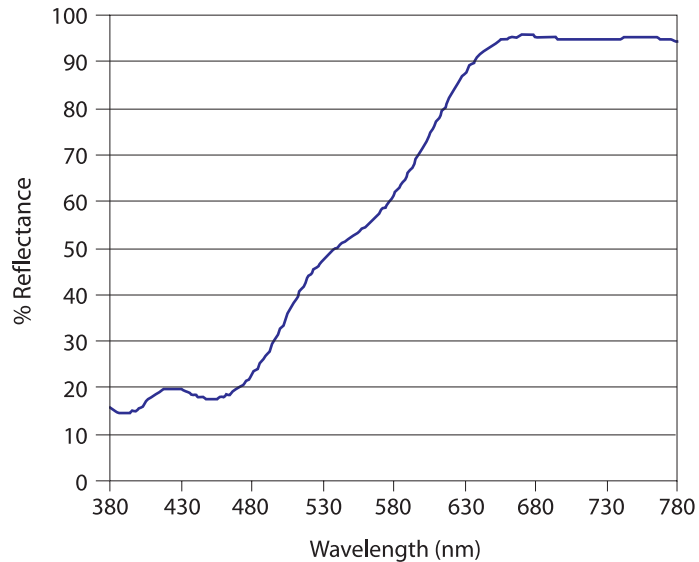
JDSU Dicro® filters offer lighting manufacturers color precision and durability, even in the most demanding applications. Color consistency in the filter production is a vital factor in ensuring consistency of performance of the luminaire. To this end, JDSU employs precise spectral positioning and CIE measurement practices.

Dicro filters possess superior spectral stability and physical durability characteristics. Compared to organic dye or gelatin filters, no degradation of performance is apparent with age or use. The hard, all-dielectric coatings are extremely durable when exposed to heat, humidity, thermal shock, abrasion and handling.

For maximum applicability to the entertainment industry, we offer the etched color filters in a variety of custom shapes and patterns. Color, in addition to black and white Gobos, provide specialized lighting effects to the end user.

With a variety of coating processes, including ion-assisted deposition and our patented MetaMode® process, plus a large number of coating machines — ranging from small, ultra-precise to large-diameter, high-volume coaters, we can provide the right dichroic filters to meet every color management need.

Select from over 30 standard colors, or choose custom colors for the precise band of the spectrum you need.

Custom Colors, Custom Shapes, Custom Patterning, and Custom Color Gobos

Colors

Color Temperature Corrector


For more information on this or other products and their availability, please contact your local JDSU account manager or JDSU directly at 1-800-498-JDSU (5378) in North America and +800-5378-JDSU worldwide or via e-mail at customer.service@jdsu.com.

All statements, technical information and recommendations related to the products herein are based upon information believed to be reliable or accurate. However, the accuracy or completeness thereof is not guaranteed, and no responsibility is assumed for any inaccuracies. The user assumes all risks and liability whatsoever in connection with the use of a product or its application. JDSU reserves the right to change at any time without notice the design, specifications, function, fit or form of its products described herein, including withdrawal at any time of a product offered for sale herein. JDSU makes no representations that the products herein are free from any intellectual property claims of others. Please contact JDSU for more information. Dicro, MetaMode, JDSU and the JDSU logo are trademarks of JDS Uniphase Corporation. Other trademarks are the property of their respective holders. ©2005 JDS Uniphase Corporation. All rights reserved. 30137176 Rev.001 11/05 ELF.DS.CO.AE