

# DICHROIC FILTER

KUPO Dichroic Series has been designed with the assistance of entertainment and architectural lighting designers, which provides a comprehensive selection of consistent shades expressed in perfect images for both interior and exterior applications. Some of the subtle, pale also offer you a unique alternative to create various aesthetic effects for architectural use and characteristic lighting. KUPO provides you the flexibility to choose suitable colors for your projects and the benefits of absolute spectral stability in addition to excellent resistance to environmental degradation.

Ro027 Dark Red Rosco#27 Lee#027	Y0200 Light Yellow Lee#765	B4700 Blue Rosco#56 Lee#715	V7400 Plum Lee#197	RX101-Red Reflected color
R9926 Red Rosco#26 Lee#026	G01 Dark Green	B2879 Bright Blue Rosco#79 Lee#079	V4300 Violet Lee#137	RX102-Orange Reflected color
O0819 Fire Lee#182	G28389 Green Rosco#389	B0669 Brilliant Blue Rosco#69 Lee#183	V98349 Lavender Rosco#349 Lee#126	RX103-Yellow Reflected color
O1823 Orange Rosco#19 Lee#019	G9694 Jade	B6467 Light Blue Rosco#67 Lee#165	M56339 Magenta Rosco#339 Lee#128	RX104-Green Reflected color
O5921 Golden Amber Rosco#21 Lee#021	C4700 Turquoise Lee#323	B44367 Slate Blue Lee#353	M63336 Pink Rosco#336 Lee#002	RX105-Blue Reflected color
O1417 Apricot Rosco#17 Lee#108	C45370 Italian Blue Rosco#370	B93364 Congo Rosco#364 Lee#201	M31337 True Pink	RX106-Purple Reflected color
Y89312 Canary Rosco#312 Lee#101	B01 Dark Blue Rosco#59	V6700 Blue-Purple	M9100 Salmon	RX107-Pink Reflected color

NOTE: These colors are printed representations only and not necessarily identical to the Dichroic colors.

### Technical Specification

Humidity. Adhesion. Abrasion Resistance  
MIL-M-13508C

### Available Glass Materials

Soda-Lime Glass  
Tempered Glass  
Borofloat Glass  
Borosilicate Glass

### Maximum Operation Temperature

Soda-Lime Material: 150Degree C  
Tempered Material: 250Degree C  
Borofloat Material: 450Degree C

### Available Size

Square: 7-300mm  
Round: 10-450mm

### Cutting Tolerance

+/- 0.1mm

### Available Thickness

0.55mm  
1.10mm  
1.86mm  
2.80mm

### Color Tolerance

+/- 5nm of designed half height

## Color Correction Series

KUPO Color Correction Filters are used in applications where it is desirable to change color temperature of various light sources. These subtle and less saturated tones are ideal for interior and exterior architectural lighting schemes.

### Daylight Conversion

#### CTO-001

Full C.T.O. Converts 5500K Daylight to 2800K

#### CTO-002

Half C.T.O. Converts 5500K Daylight to 3800K

#### CTO-003

Quarter C.T.O. Converts 5500K Daylight to 4500K

### Tungsten Conversion

#### CTB-001

Full C.T.B. Converts 3200K Sources to normal daylight, 5500K

#### CTB-002

Half C.T.B. Boosts 3200K, Sources to 4200K

#### CTB-003

Quarter C.T.B. Boosts 3200K, Sources to 3600K