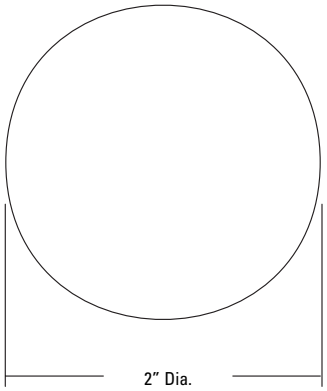
LIGHTOLIER
by signify

Track Lighting

Accessory (Lens/Filter)

AF2UV UV Reduction Filters

Project:
Location:
Cat.No:
Type:
Lamps: Qty:
Notes:



Dia.	Catalog No.	For Use With Track	Catalog No.	For Use With Downlight
2"	**AF2UV**	Lytespan or ProSpec® Track (Refer to individual fixture spec sheets for Track fixture compatibility.)	**AF2UV**	MR16 lampholders for Evolution Basic and ProSpec® adjustable accent lights
2 1/2"	**AF25UV**			
3 3/4"	**AF3UV**		**AF4UV**	All 7" ProSpec® adjustable accent lights
4 3/4"	**AF4UV**		**AF7UV**	All Dual Function fixtures with CAH7 accessory holder
6 1/4"	**AF7UV**			

Evolution 4" Trims with Non-IC Frames

Fixture						
C4MRA	1 Secondary Color Lens	*or*	1 Mixing Color Lens	*and*	1 Specialty Filter
C4MRGA	1 Secondary Color Lens	*or*	1 Mixing Color Lens	*and*	1 Specialty Filter
C4MRGD	1 Secondary Color Lens	*or*	1 Mixing Color Lens	*and*	1 Specialty Filter
C4MRW	1 Secondary Color Lens	*or*	1 Mixing Color Lens	*and*	1 Specialty Filter
C4MRD	1 Secondary Color Lens	*or*	1 Mixing Color Lens	*or*	1 Specialty Filter

Evolution 4" Trims with AIC Frames

Fixture					
C4MRA	1 Secondary Color Lens	*or*	1 Mixing Color Lens	*or*	1 Specialty Filter
C4MRD	1 Secondary Color Lens	*or*	1 Mixing Color Lens	*or*	1 Specialty Filter

Evolution 6" Trims with Non-IC Frames

Fixture							
C6P30A	1 Primary Color Lens	or	1 Secondary Color Lens	or	1 Mixing Color Lens	and	1 Specialty Filter
C6P30A30	1 Primary Color Lens	or	1 Secondary Color Lens	or	1 Mixing Color Lens	and	1 Specialty Filter
C6P36A	1 Primary Color Lens	or	1 Secondary Color Lens	or	1 Mixing Color Lens	or	1 Specialty Filter
C6P36A30	1 Primary Color Lens	or	1 Secondary Color Lens	or	1 Mixing Color Lens	or	1 Specialty Filter
C6P38A	1 Primary Color Lens	or	1 Secondary Color Lens	or	1 Mixing Color Lens	and	1 Specialty Filter
C6P38A30	1 Primary Color Lens	or	1 Secondary Color Lens	or	1 Mixing Color Lens	and	1 Specialty Filter

Evolution 6" Trims with AIC Frames

Fixture					
C6P30A	1 Secondary Colors Lens	*or*	1 Mixing Color Lens	*or*	AF4UV
C6P30A30	1 Secondary Colors Lens	*or*	1 Mixing Color Lens	*or*	AF4UV

Features

1. **UV Filter:** Applied Image Group's Optivex™ UV Blocking Dichroic Glass Filter. See detailed information on reverse side. Heat tempered 1/8" thick flat glass. Especially useful for applications, such as museum or gallery display of fine art works, where elimination of UV in the light is required.

AF2UV Accessory (Lens/Filter)

UV Reduction Filters

General

Applied Image's **Optivex™ UV** Blocking Dichroic Filter is one of the most effective ways to block UV radiation while transmitting high quality visible light.

Applications

By eliminating virtually all UV radiation, it is possible to substantially retard photochemical degradation in textiles, water colors, historical documents, works of art, and other sensitive display items. The combination of excellent optical characteristics and rugged durability make this filter ideally suited for the following applications:

- Fine Arts Museums
- Natural History Museums
- Commercial Art Galleries
- Antiquarian Collections
- Retail Establishments
- Private Collections

Features

Below is a brief listing of some of the features of Applied Image's Optivex™ UV filter:

High UV Blocking
- reduces photochemical degradation
- enables the use of a broader range of light sources
- allows the increase of light levels without the risk of damage to display objects

Filter is applied to borosilicate glass for heat resistance

Dichroic filters are extremely durable, resisting abrasion and cracking

Filters are stable in the presence of heat, meaning color consistency and performance stability

Non-absorbing; prevents filter-damaging heat build-up

Lasts significantly longer than plastics or gels

Sharp filter cutoff means almost no color distortion in the visible

Special Characteristics

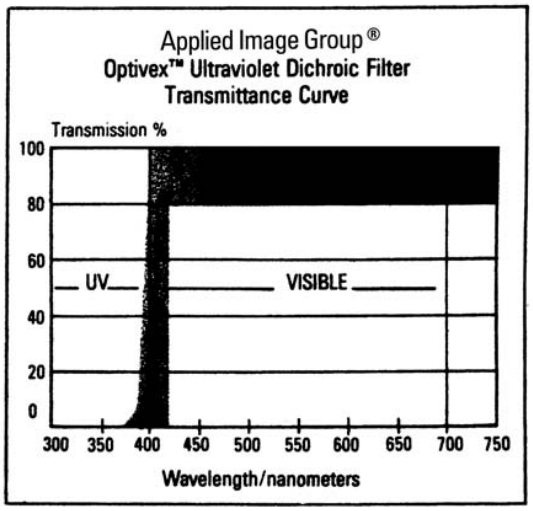
The Applied Image's **Optivex™ UV** Filter uses thin film interference phenomena to achieve significant selective rejection ratios (over 10,000: 1 for tungsten halogen), resulting in the following performance characteristics:

Average UV blocking exceeds 99% for all radiation below 400 nm

Average color rendering index of 95%

Photopic (human eye response) efficiency exceeds 85%

Average visible light transmission exceeds 85%



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