



The Architectural Range



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Building on our experience in film and theatre lighting, LEE Filters have introduced a range of lighting filter products specifically designed for use in the entertainment, leisure and architectural industries.



Fluorescent Sleeves



T5 Sleeves



T8 Sleeves



T12 Sleeves



Two-tone Sleeves

Get creative with fluorescent lighting! With over 250 colours to choose from, LEE Filters Fluorescent Coloured Sleeves offer the designer more choice than ever for both interior and exterior lighting projects.

Visit www.leefilters.com to view all the latest colours or alternatively phone and request a swatch book containing the full colour range.



Pre-assembled Sleeves

You choose the colour and leave the rest to us. Your chosen colour is inserted into a clear sleeve and delivered ready to install.

The sleeves are made from a thermally stable, electrically insulating, polycarbonate. The ends of each sleeve are capped with an end cap; these end caps fix the sleeve to the fluorescent tube making installation easy. The sleeves are available in standard lengths for T5, T8 and T12 diameter tubes.

It is recommended that you contact us if intending to use sleeves on T5 tubes, as your colour choice and tube wattage will determine if a sleeve is suitable. The sleeves are not recommended for use on high output T5 tubes, as the extreme heat at either end of the tube can cause the filter to discolour.

Self-assembly

Alternatively LEE Filters can supply pre-cut "Quick Rolls" of your chosen colour along with clear polycarbonate sleeves enabling self assembly of the inserts and sleeves.

The pre-cut "Quick Rolls" are 7.62m (25') long and are available for T5, T8 and T12 diameter sleeves.



Two-tone sleeves

There are a number of different ways you can use coloured fluorescent sleeves creatively. An effect that works particularly well is a two-tone sleeve. This is where you have one colour at the front of the sleeve and a contrasting colour at the back. With over 250 colours to choose from, the number of different colour combinations are endless!



Glass Series

Dichroic Glass Colours

Specifically designed to meet the demands of the lighting industry, LEE Filters dichroic glass filters are produced by the vacuum deposition of layers of thin metal films onto a substrate of borofloat glass. The glass is available in a thickness of 3.3mm and 1.7mm, and the production process creates spectacularly clear and pure colours. The glass filters will not fade and should withstand temperatures up to 371°C.

Professional Colours

Chosen after extensive research among design professionals, the Glass Series colour palette provides a range of consistent, repeatable colours. This includes subtle, less saturated tones suitable for architectural use. Building on our expertise in film and theatre lighting, LEE has closely matched the glass series on polyester lighting filter material to provide a convenient swatch reference book. Available on request, lighting professionals can use this book to test colour schemes or demonstrate the effects of different filters.



Framed Glass

These lightweight aluminium frames, available both plain and in colour, suit all the popular lighting fixtures in the entertainment, architectural and theatrical industries. An innovative silicone gasket completely surrounds the glass, providing protection from both mechanical and thermal shock. Frames from 7.5cm (3") to 60cm (23.5") across can be designed in any shape.

Framed Glass

- 15.8cm (6.25") Source Four
- 19cm (7.5") Source Four PAR
- 25.4cm (10") PAR 64

Unframed Glass

Unframed filters can be supplied for use in smaller light fittings with integral holders.

- 4.99cm (1.96") MR16 and PAR 16 (circular)
- Custom sizes can be supplied – please ask for a quotation



new	● R31	Amber Blush 1	● G28	Lime 8	● V43	Violet 3	
	● R50	Red 0	● G96	Jade 6	● V67	Rose Purple 7	
	● R99	Flame 9	● C04	Blue Green 4	● V74	Plum 4	
	● O01	Sunset 1	● C45	Turquoise 5	● V81	Lilac 1	
	● O08	Sunset 8	● C47	Turquoise 7	● V98	Lavender 8	
	● O14	Peach 4	● B06	Lagoon 6	● M31	Fuchsia 1	
	● O18	Peach 8	● B14	Steel 4	● M56	Magenta 6	
	● O32	Apricot 2	● B24	Crystal Blue 4	● M63	Carnation Pink 3	
	● O42	Nectarine 2	● B44	Royal Blue 4	● M91	Salmon 1	
	● O43	Nectarine 3	● B53	Blue 3	new	● LD071	Tokyo Blue
	● O59	Orange 9	● B64	Navy Blue 4	new	● LD156	Chocolate
new	● O80	Gold Amber 0	● B71	Cornflower 1	new	● LD278	Eighth Plus Green
new	● O82	Gold Amber 2	● B93	Congo 3	new	● LD279	Eighth Minus Green
	● O89	Gold Amber 9	● V10	Indigo 0			
	● Y02	Wheat 2	● V28	Blueberry 8			



All colours are available in custom shapes and sizes.

Specialised Filters

No.	Name
new	● LD201 Full CT Blue
new	● LD202 Half CT Blue
new	● LD203 Quarter CT Blue
new	● LD204 Full CT Orange
new	● LD205 Half CT Orange
new	● LD206 Quarter CT Orange
new	● LD209 0.3 ND
new	● LD210 0.6 ND
○	UV Blocker – Absorbs Ultra Violet light
○	Hot Mirror – Reflects heat back into the light source

Specialised Filters

LEE Specialised Filters include warming, cooling and UV Filters.

Warming filters (CT Orange) will warm up a cool light source such as an LED light; they can also be used as a warm amber colour or to reduce the colour temperature of a light source.

Cooling filters (CT Blue) will cool a light source. They can also be used as a cool blue colour or to convert tungsten light to daylight.

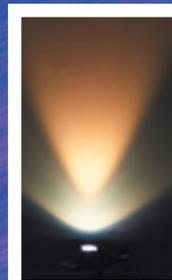
Frosted Dichroic Glass Filters

All the colours within the glass series are available as Frosted Dichroic Glass filters, enabling the lighting designer to add colour and diffusion in the one filter. The diffusion within the filter softens the light beam giving a more even and graduated lighting effect.

Frosted Colour Dichroic Filters are colour-coated on one side by a vacuum deposition of metal film, and diffused on the other side.

The diffusion creates an even soft frost, removing the halo effect when the frosted side is placed on the fixture outwards, away from the lamp. The dichroic coating is able to withstand temperatures up to 371°C, allowing the colour to last for years without fading.

Frosted Dichroic Glass filters are available for MR16 and PAR 16 circular light fittings as well as custom shapes and sizes.



Unfrosted Glass

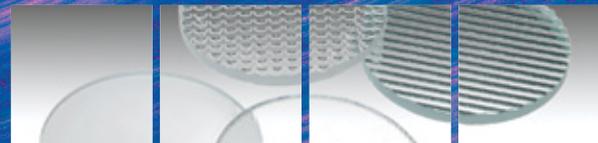


Frosted Glass

Glass Diffusion Filters

The LEE range of Glass Diffusion Filters offer different densities of diffusion for a wide range of lighting effects. They are available for MR16 and PAR fittings as well as custom shapes and sizes.

The diagram opposite shows the diffusion effect created when using an 8°, 24° or 36° 50w MR16 bulb, at a distance of 92cm (3').



	8° Lamp	24° Lamp	36° Lamp
No Filter			
Linear Diffusion (Vertical)			
Linear Diffusion (Horizontal)			
Prismatic Diffusion			
Softening Diffusion			
Frosted Diffusion			



Linear Diffusion



O80 Linear Diffusion

Combined Linear Diffusion and warming filter



Prismatic Diffusion

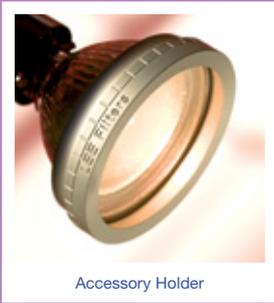


Softening Diffusion



Frosted Diffusion

MR16 / PAR 16 accessories



Accessory Holder

Attach filters directly to an MR16 or PAR 16 bulb using the LEE Filters accessory holder. Available in either black or silver, the screw-on holder fits securely onto the bulb and can hold up to two filters. This allows for a combination of colour, diffusion or louvre effects to be used on the one fitting.



LEE Clip-on accessories are a quick and easy way of adding a filter to or limiting the glare from MR16 or PAR 16 bulbs.

The Clip-on Filter Holder holds a single filter to a standard open bulb. The holder is available in either black or silver (packs of five).

The Clip-on Baffle (also known as blade louvres) traps the peripheral light sideways, limiting glare. The baffle also gives the fixture a more professional look. Available in black or silver (packs of five).

Clip-on Barndoors trap the light sideways; this limits the glare from a bulb but also allows you to direct the illumination from the bulb to a specific area. The flaps are adjustable by rotation and by bending the hinges. The high quality material of the hinges allows you to adjust them a number of times. Available in black or silver (packs of five).



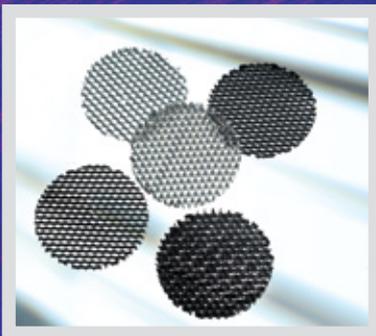
Clip-on Filter Holder



Clip-on Baffle



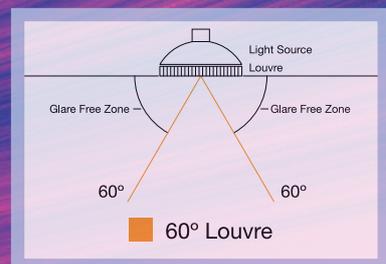
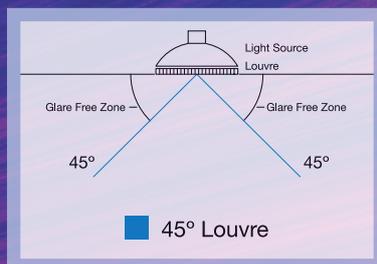
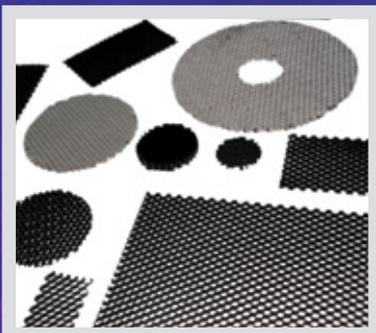
Clip-on Barn Doors



Louvres

Honeycomb Louvres reduce the glare from a light fitting. They are available in either a 45° or 60° angle and come in silver and black to match the LEE filter holders.

Louvres are also available in custom shapes and sizes enabling them to be used on a number of different light fittings.





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