



theatrical and event
lighting ideas

how rosco products can
power your production

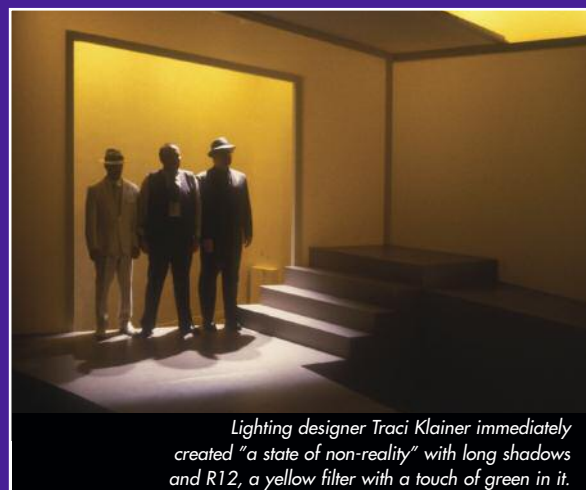
colour in theatrical and event lighting



Lighting designer Ben Stanton used Supergel and Roscolux colours (R3407, S56, S68 and R23) to create the rich texture of this paper cyc.



Lighting designer Al Crawford's imaginative use of gobos and Roscolux colours added energy and diversity to this tent event.



Lighting designer Traci Klainer immediately created "a state of non-reality" with long shadows and R12, a yellow filter with a touch of green in it.

rosco colour filter products

Rosco offers four ranges of colour filters, each one originally created to meet specific needs. Cinegel, for example, was created to meet the requirements of the motion picture industry and Roscolux for theatrical lighting designers.

But most of the colours in each range are unique to that range, so film professionals often use Roscolux filters in their work, as theatrical designers often use Cinegel colours in their plots.

Swatchbooks for all four ranges are available at Rosco dealers or can be requested on the Rosco website www.rosco.com



supergel

Among the most popular colour filter range in the world, Supergel was introduced in Europe in 1976 and now offers 145 colours and diffusers. Its popularity is due partly to the wide choice of colours, but also because this engineered plastic is the most durable filter available. Sold by authorized dealers in 50cm x 61cm sheets and 61cm x 7.62m rolls.



roscolux

A long established widely used filter developed for the US market, but stocked by Rosco globally. Roscolux includes well over 100 different colours and dozens of diffusers. Sold by authorized dealers in 53cm x 61cm or 53cm x 1.2m sheets and 1.2m x 7.62m rolls.



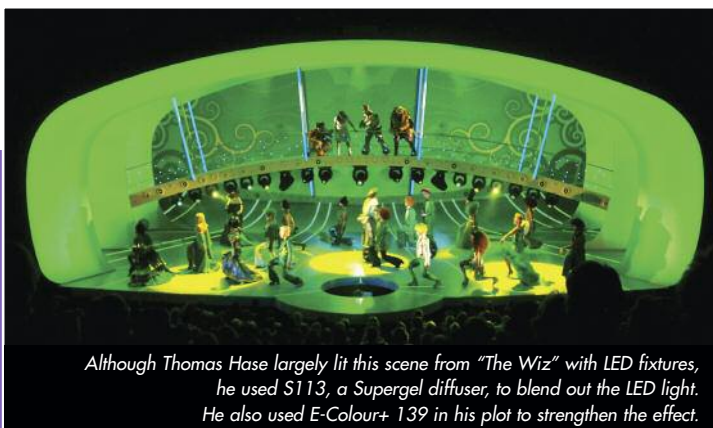
e-colour+

Rosco introduced E-Colour+ in 2000. It retains the same numbers and names as the original Cinemoid™ system with many Rosco colours familiar to European lighting designers and filmmakers. Sold by authorized Rosco dealers in 1.22m x 7.62m rolls and sheets that are 61cm x 53cm or 53cm x 1.22m.

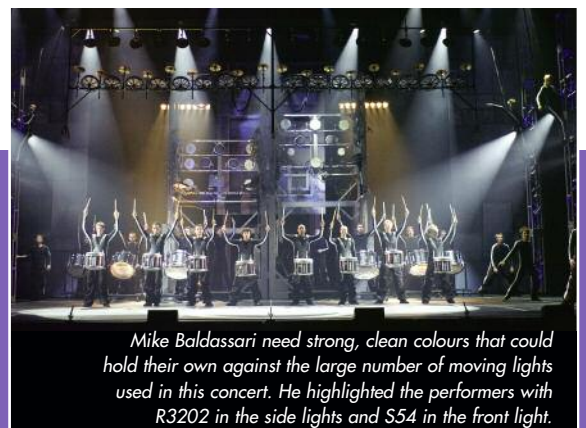


cinegel

The Cinegel range was developed for filmmakers and TV lighting professionals. It won an Academy Award for technical achievement from the Academy of Motion Picture Arts and Sciences in 1974. Sheets are 50cm x 61cm and rolls are of various sizes.



Although Thomas Hase largely lit this scene from "The Wiz" with LED fixtures, he used S113, a Supergel diffuser, to blend out the LED light. He also used E-Colour+ 139 in his plot to strengthen the effect.

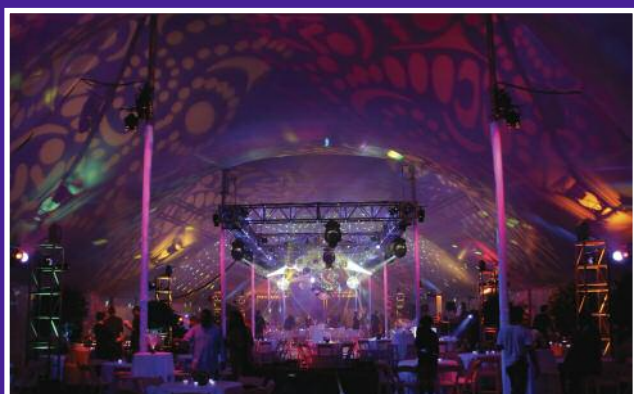


Mike Baldassari need strong, clean colours that could hold their own against the large number of moving lights used in this concert. He highlighted the performers with R3202 in the side lights and S54 in the front light.

gobos in theatrical and event lighting



Rosco gobos offer both subtle and dramatic highlights to the lighting for productions or events. In this scene, for example, lighting designer Herrick Goldman used a standard Rosco gobo, Glass Brick (No.77563) to texture the floor into a cobblestone-like appearance.



An imaginative use of both standard and custom Rosco gobos helped lighting designer Al Crawford create a dramatic ambience for this 15m x 30m tent event.



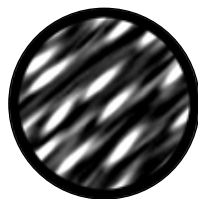
A character walking home in the rain becomes a more poignant moment in the play when a standard Rosco gobo, Cobblestones (No.77787), is projected softly and rotated in an animation wheel very slowly.

rosco gobo products

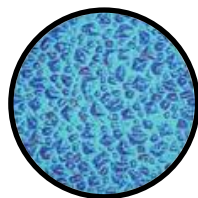
Rosco, the world's largest manufacturer of gobos, offers over 2,000 standard designs. In addition, it provides custom-designed gobos from its purpose-built facilities in the US, the UK and France. Gobos, sometimes called templates or patterns are among the most ubiquitous tools for lighting designers and event planners. Rosco manufactures gobos in steel and glass, in black and white and in full colour and in sizes to fit every known theatrical fixture.



standard steel designs



standard glass designs



glass effects



custom



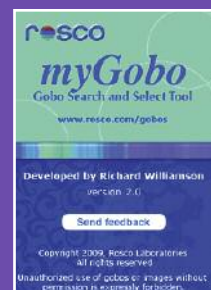
gobo catalogue

Rosco's 80-page catalogue is available free from any Rosco re-seller or at the Rosco web site. It shows virtually all the available standard designs and contains tips for using gobos in productions or events.



website

The Rosco Gobo Website makes choosing gobos online easy and fast. You can choose by categories or search by name or number. You can also enlarge or reduce the illustrated designs.



myGobo

Free app for iPhone, iPad and iPod Touch users. The app contains the entire Rosco gobo library with many user-friendly features for locating, choosing and retaining gobos.

rotators and projectors in theatrical and event lighting

Fireplace flames and the reflections they create are stylishly reproduced here with ColorWave gobos in a Rosco Vortex Rotator. In this application, Indigo Waves (No.33005) was used in conjunction with Amber Ripple (No.33102) and the standard steel gobo Flames 1 (No.77175).



The arresting effect in the window of this set was created with Rosco's standard steel Dots Breakup Medium (No.77053) in one slot of the rotator and the Sunset Prismatic glass gobo (No.43804) in the other slot.

rosco gobo rotators

Designers use rotating gobos to create a variety of lighting effects, including simulating reflected water, falling rain or blazing fire. Often, gobos are rotated around a stage or room to create startling effects, such as simulated fireworks or shooting stars. Rosco's six Gobo Rotators vary in price and features. But all six will rotate one or two gobos and will fit the iris slot of nearly all theatrical spotlights in use today.



vortex rotator™

Ultra quiet and popular everywhere for its low price and ease of use, Rosco's Vortex Rotator will rotate two gobos in opposite directions. It does not require any additional power supply; the transformer that comes with it can be plugged directly into a wall outlet. A three-way toggle switch allows you to turn the unit on and off and to control polarity.



double gobo rotator™

The Rosco Double Gobo Rotator accepts two B size gobos secured face to face in the optical path. This face to face configuration, made possible by durable but narrow gears, allows the two patterns to have a common centre axis, allowing for spectacular effects.



indexing rotator™

Rosco's Indexing Rotators are Double and Single Gobo Rotators which allow you to stop and start the gobo's rotation precisely, whenever and wherever you want. This is particularly useful for repetitive effects, such as the hands of a gobo clock, or for architectural effects, such as a shop display window.



simpleSpin™ rotator

A superb value for applications in which the two gobos will always rotate in opposite directions, as a single motor controls both. Speed of rotation is available with a simple "set and forget" control. The unit includes an internal 100-240v power supply.



revo™ dual indexing rotator

Two independent variable speed motors with DMX-controlled 8 or 16-bit indexing on both wheels for maximum design flexibility. Requires the industry-standard external 24 volt power supply unit.

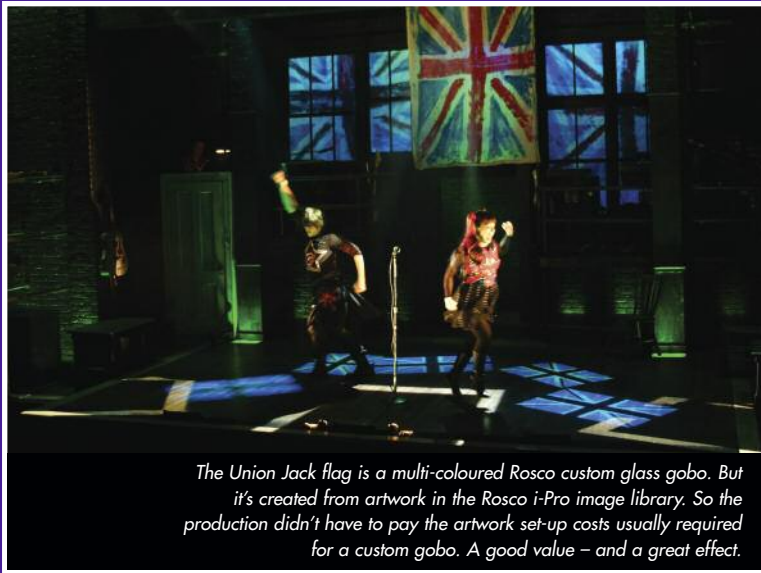


revoPro™ dual programmable rotator

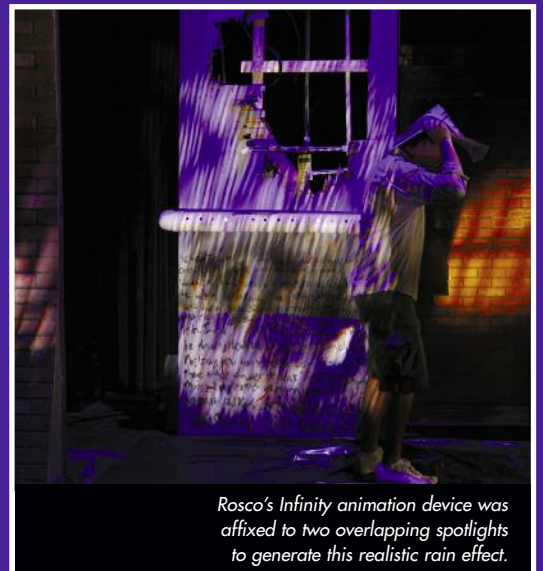
The most feature-laden of all the Rosco gobo rotators, the RevoPro™ offers complete DMX controlled indexing features or a stand-alone programmable mode that requires no DMX. This unit operates on (auto-sensing) 100-240v mains power and does not require an external power supply unit.

projectors in theatrical and event lighting

Lighting designer Walter Bamberger chose an X-24 Projector to add a large scale dimension of rippling water in an exhibition in a German aquarium. The exhibit at the Oceanography Museum in Stralsund shows a mock battle between a 13.7m (45') sperm whale and a giant squid. Photo by J. M. Schlorke.



The Union Jack flag is a multi-coloured Rosco custom glass gobo. But it's created from artwork in the Rosco i-Pro image library. So the production didn't have to pay the artwork set-up costs usually required for a custom gobo. A good value – and a great effect.



Rosco's Infinity animation device was affixed to two overlapping spotlights to generate this realistic rain effect.

rosco projectors

The three devices all project images but each in a different way and for different effects. The X24 X-Effects is a self-contained projector which rotates two gobos off centre of the optical path, resulting in a projection that does not appear to have a visible pattern or path. Both the i-Pro Image Projector and the Infinity Animation Device are accessories which will fit virtually all the spotlights in common use.



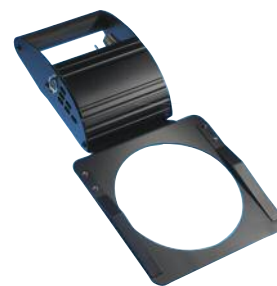
X24 X-Effects projector™

This has become the projector of choice for shows or installations requiring a fire or water effect. It provides stunning rippling light effects previously unavailable to designers. The projector is available with on-board DMX for theatrical applications and in an analogue version for retail, museum or architectural applications.



iPro™ image projector

A simple device provides an ingenious solution. The i-Pro Image Projector™ projects an image created from a simple plastic slide. Attach an i-Pro Slide cartridge to the back plate of the i-Pro Image Projector™ and insert it into the iris slot of any one of several common luminaries. Then simply turn on the light to project anything from a dazzling full colour panorama to a corporate logo, or even a last minute custom gobo texture.



infinity animation device

The Infinity Gobo Animation Device offers superb kinetic lighting effects combined with simplicity of use and low cost. The device affixes to the gel frame of virtually any spotlight. You can choose from among 11 animation disks listed in the Rosco catalogue and web site. Affix one of the disks to the device, place a steel or glass gobo in the gate, plug the Infinity into an outlet or dimmer and watch magic appear on your stage or installation.

re-positioning light beams



Lighting designer Traci Klainer didn't have enough fixtures available for the multiple special she needed in an Off-Broadway production. The Rosco I-Cue solved her problem. In this scene, for example, the I-Cue helped capture the show's main character in a moment of chaos – as he was being interviewed by a press of reporters with flashbulbs going off. For just a few seconds, the actor looked like a deer caught in the headlights.

spotlight accessories

Rosco offers two affordable accessories for better control of stage light. Both include DMX control and both fit into virtually all brands of spotlights used in today's theatres. Rosco's I-Cue re-positions light beams and the DMX Iris reduces or enlarge light beams. Both are robust enough for touring or frequent use and both are ultra-quiet.



I-Cue intelligent mirror

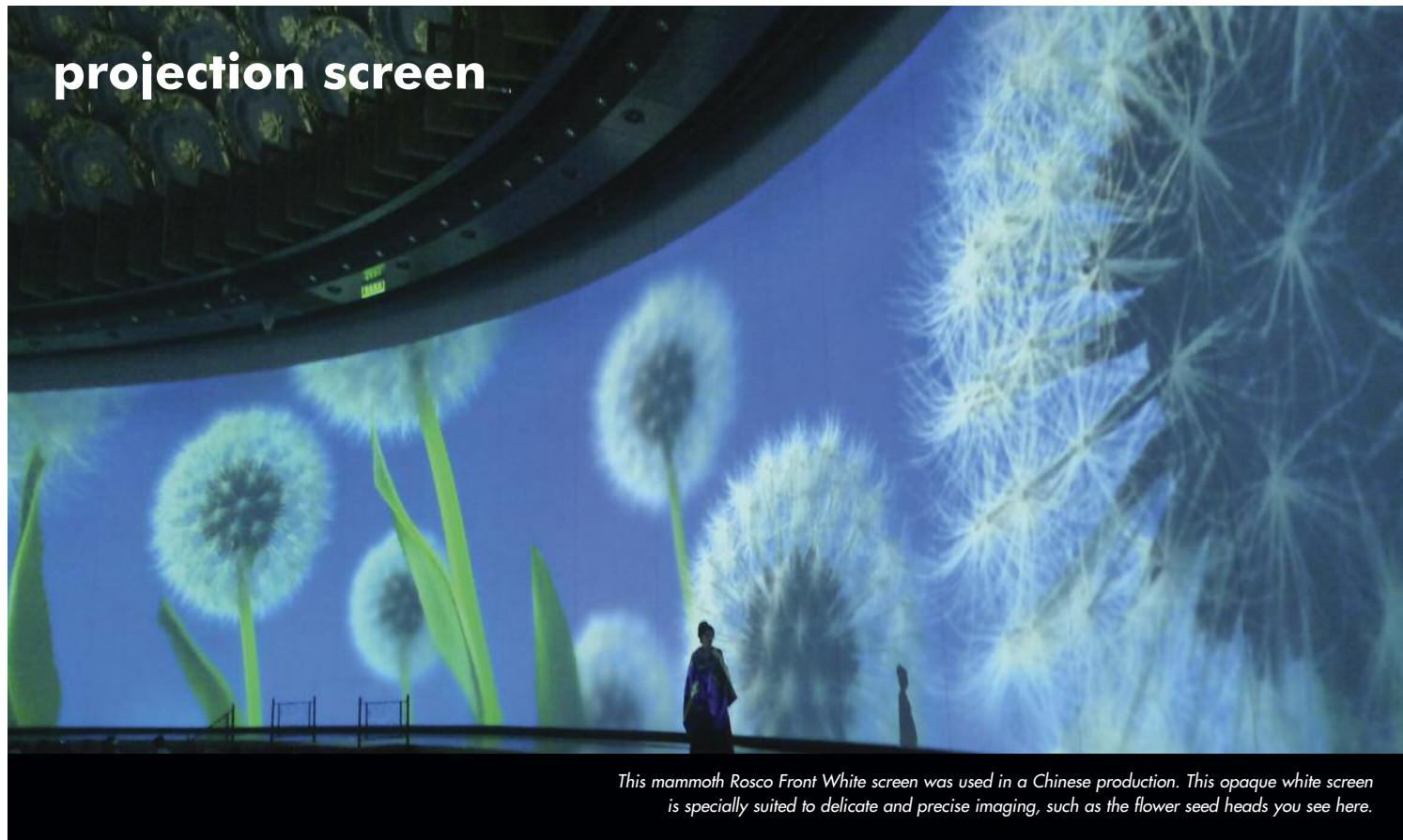
The I-Cue Intelligent Mirror allows you to re-position the beam of light so a single spotlight in a fixed position can illuminate dozens of different locations. The device includes onboard DMX, which means that control and direction of the mirror – and the beam it reflects – is available through your lighting control system. The industry standard DMX protocol assures accurate and repeatable beam placement.



DMX iris

Rosco's DMX iris is a quiet, dependable accessory to reduce and enlarge the beam spread of theatrical spotlights. The 24-leaf motorized iris unit creates an even edged, perfectly round aperture all the way down to its smallest diameter. The device requires a non-dim circuit and uses just one channel of DMX 512. It does not require an external power supply.

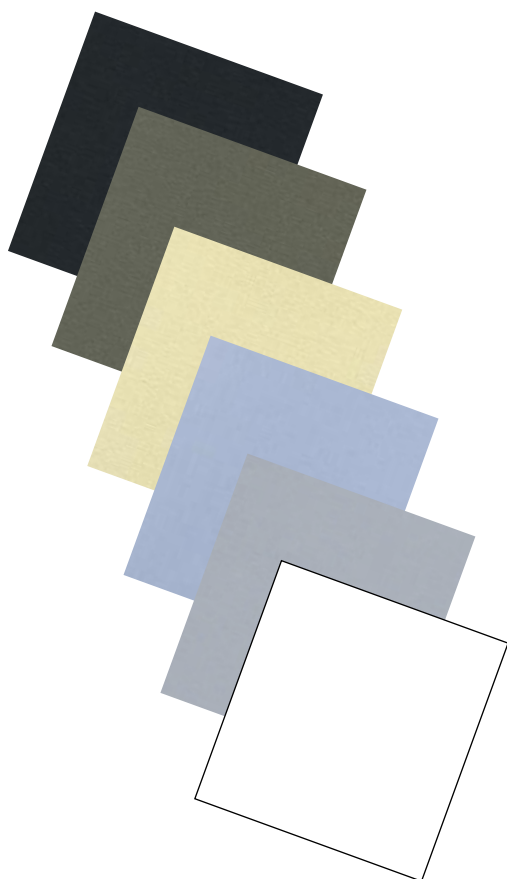
projection screen



This mammoth Rosco Front White screen was used in a Chinese production. This opaque white screen is specially suited to delicate and precise imaging, such as the flower seed heads you see here.

front and rear projection screens

Rosco has offered screens for front and rear projection for several decades. These vinyl screens, available in seven colour choices, can be fabricated to your precise specifications for size, shape and finishing details. Or, you may order any Rosco screen by the metre, or by the roll. All Rosco screens are flame-retardant and washable.



light translucent

Virtually clear, suitable for daylight exterior rear projections or in exceptionally high ambient light conditions.

black

Recommended for rear projection, particularly where there are high ambient light situations. Widely used in ballet and opera where the dark surface absorbs reflections from follow spots.

front white

Opaque, white front projection screen. Bright white surface for precise imaging.

sky blue

Recommended for rear projection only. A colour which when unlit has a skyblue tone, and of course cool colour in projection. Good for large area daylight simulation.

misty blue

Recommended for rear projection only. Gives moderate direct light transmission with an intriguing faint misty blue colour cast.

grey

Recommended for rear projection. Wide viewing angle. Its neutral grey colour blends into backgrounds, making it ideal for theatrical environments.

twin white

Suitable for front or rear projection, or as a cyclorama. Crisp, bright transmission with widest viewing angle.



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