



A division of **ROSCO**

**LIGHTING**

**COLOR**

**PATTERNS**

**SPECIAL EFFECTS**





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# FOUR & SIX GOBO TRAYS



## SX4<sup>®</sup> GOBO AND COLOR CHANGER

SX4<sup>®</sup> Gobo Trays  
US Patent # 6,926,427  
August 9, 2005

The GAM SX4<sup>®</sup> Gobo and Color Changer System offers a choice of two trays that snap into an ETC Source Four as pictured above. It can be fully DMX controlled and also has built-in programs for automatic pattern changes where a light board may not be available - ideal for display applications. Using the built-in programs you can select speed, direction, and lapsed time of pattern changes, and it will automatically sequence when power is turned on. The Gobo Trays use the same power supply as the GAM Indexing TwinSpin<sup>™</sup> and are compatible with some popular power supplies. An excellent choice for display, retail, theatrical or special event applications. You can choose from over 800 off-the-shelf patterns. The Four-Gobo Changer uses any 'B' size pattern and the Six-Gobo Changer, any 'M' size.

TS6240 - B SIZE



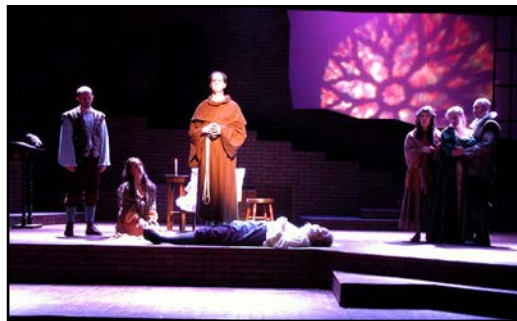
TS6220 - M SIZE



## PATTERN EFFECTS



Spaceship B #526



Man of La Mancha production, photos courtesy of Joseph P. Oshry





Great American Patterns® are chemically etched in high temperature resistant stainless steel. Often called “gobos”, they are designed to be used in the gate of an ellipsoidal spotlight to project images. GAM pioneered the off-the-shelf pattern and offers them in eight traditional sizes. They can also be cut with scissors to fit almost any pattern holder. Using scissors and GAM Gobo Tape, patterns can be altered to create unique images and two patterns can be combined in the same pattern holder or by superimposing projected patterns from two fixtures. Superb quality and overnight service: When you want the best, insist on GAM Patterns.

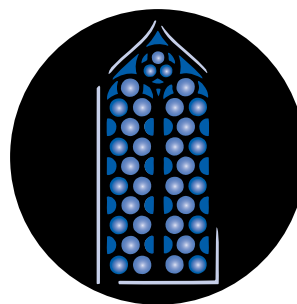
## PATTERNS ARE AVAILABLE IN COLORED GLASS



Stained Glass with Cross



American Flag



Blue Stained Glass



Rainbow

## PATTERN EFFECTS



GAM Patterns used in Purescape retail store



GAM Patterns used in a party



GAM Patterns used in a reception

TEXTURES • STRUCTURES • SET PIECES  
 SKY • MOON • STARS • CLOUDS  
 HOLIDAY • RELIGIOUS THEMES  
 WINDOWS • OPENINGS • GRILLS  
 GEOMETRIC BREAKUPS  
 FOLIAGE • FLOWERS • TREES

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CITYSCAPES • LANDSCAPES  
 BREAKUPS  
 GRAPHICS • SIGNAGE  
 FIRE • WATER  
 SPOTLIGHT GOBOS • CIRCLES

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 PAGE 9

## Combination Patterns:

For more Combination Pattern info, visit [www.gamonline.com](http://www.gamonline.com)

GAM Patterns designed to be used in combination to create a more dramatic and complete effect. Enhance the effect by adding color to the individual instruments to give the image movement and depth.



515 Dragon A

516 Dragon B

### Dragon



268 Lightning

369 Alternate Lightning

### Lightning



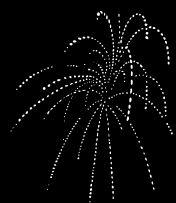
525 Spaceship A

526 Spaceship B

### Spaceship



286 Fireworks A



287 Fireworks B



288 Fireworks C

### Fireworks



501 Bouquet A



502 Bouquet B



503 Bouquet C

### Bouquet



537 Christmas Tree A



538 Christmas Tree B



539 Christmas Tree C

### Christmas Tree



283 Rainbow A

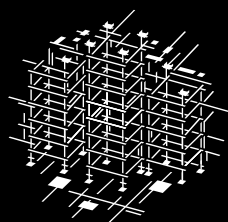


284 Rainbow B

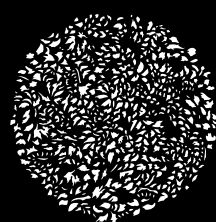


285 Rainbow C

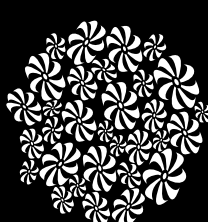
### Rainbow



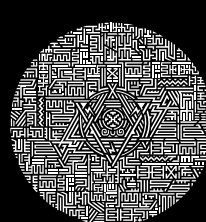
926 Scaffolding Breakup



924 Vine Leaf Breakup



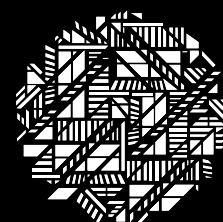
908 Pinwheel Breakup



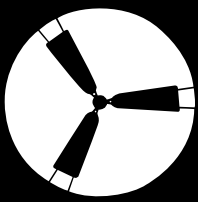
916 Mayan Maze



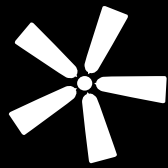
909 Modern Breakup



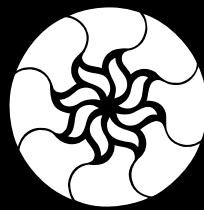
923 Fire Escape Breakup



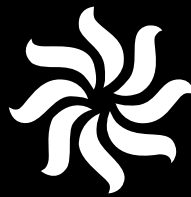
834 Ceiling Fan 3



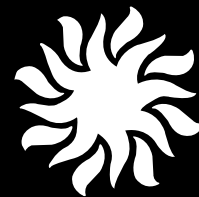
835 Ceiling Fan 5



837 Pinwheel 6



311 Radial Curves



836 Pinwheel 5



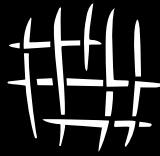
727 Curly Breakup



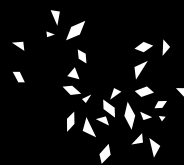
624 Basketweave 1



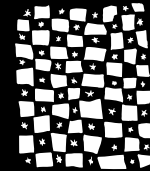
625 Basketweave 2



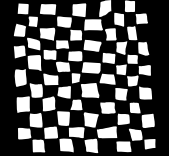
738 Fence



531 Geometric



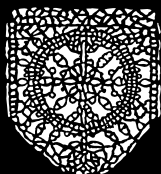
725 New York Pizza-F



724 New York Pizza-P



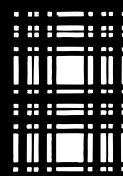
273 Lace



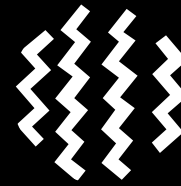
717 Lace Medallion



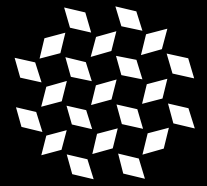
733 Plaid B



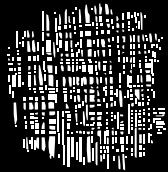
732 Plaid A



254 Zig Zag



846 Diamond Pattern



629 Homespun 1



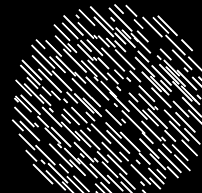
630 Homespun 2



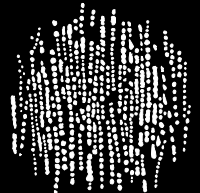
811 Crochet 1



540 Passage



862 Rain



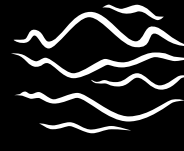
723 Heavy Rain



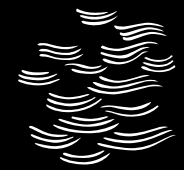
594 Splash



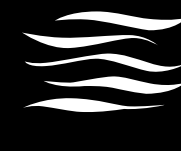
639 Whirlpool



621 Wavy Lines



633 Wavy Breakup



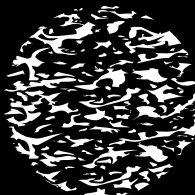
634 Waves 2



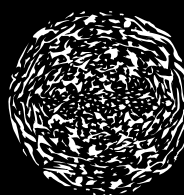
367 Circular Breakup



865 Ripples 1



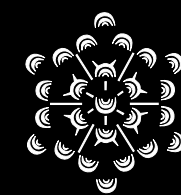
866 Ripples 2



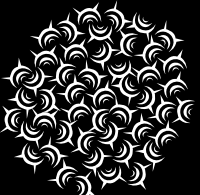
867 Ripples 3



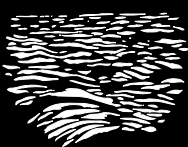
849 Reflections



532 Fountain



871 Fountain Breakup



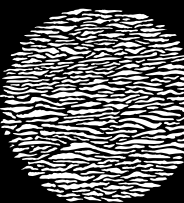
326 Water 1



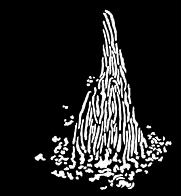
327 Water 2



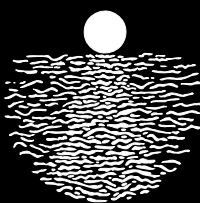
328 Water 3



793 Water 4



854 Waterfall



815 Moon Over Water



T20 Halftone Cloud 1



T21 Halftone Cloud 2



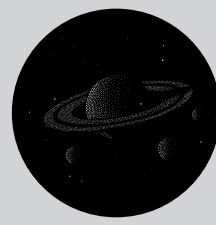
T22 Halftone Cloud 3



T23 Halftone Cloud 4



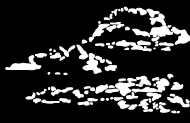
T24 Halftone Full Moon



T25 Saturn with Stars



289 Cloud 14 A



290 Cloud 14 B



313 Cloud 15



366 Sunset



508 Cloud 18



607 Cloud 24



608 Cloud 25 A



609 Cloud 25 B



648 Cloud 26



649 Cloud 27



571 Fairytale Clouds



257 Cloud 9



225 Cloud 2



226 Cloud 3



227 Cloud 4



229 Cloud 6



228 Cloud 5



864 Cloud 28



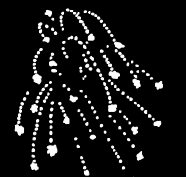
224 Cloud 1



256 Cloud 8



230 Cloud 7



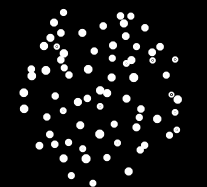
270 Fireworks



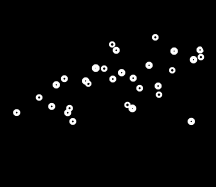
360 Comet



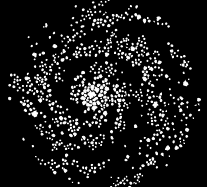
234 Starburst



231 Realistic Stars



587 Tiny Stars



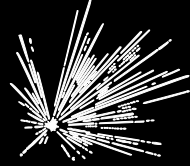
337 Nebula



314 Small Evening Stars



358 Starry Night



356 Sparkler



794 Moon with Clouds 1



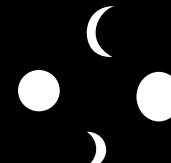
795 Moon with Clouds 2



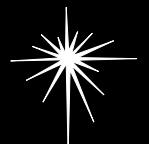
250 Crescent Moon



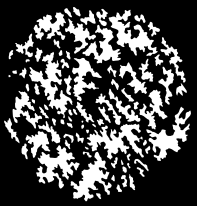
506 Circle Moon



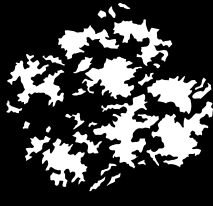
295 Small Moons



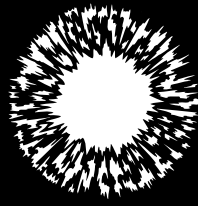
245 Evening Star



643 Moonscape



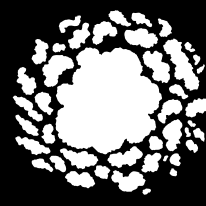
708 Moonscape XL



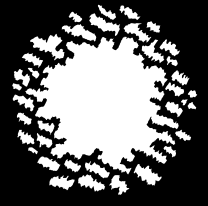
670 Shimmer 2



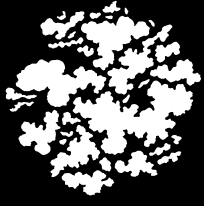
763 Vignette 1



764 Vignette 2



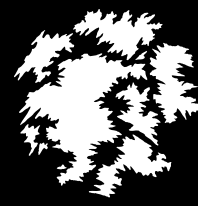
765 Vignette 3



675 Bubbling Breakup



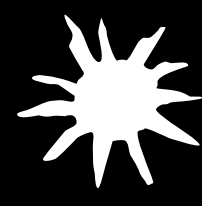
775 Spot



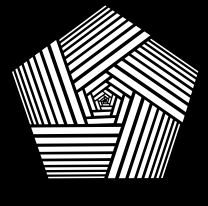
674 Jagged Breakup



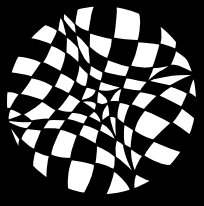
676 Puddled Breakup



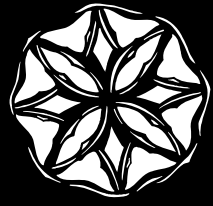
891 Painted Sun



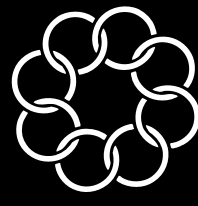
900 Pentagon Spin



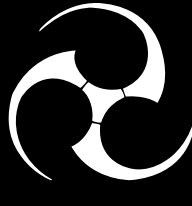
847 Checkerboard Vision



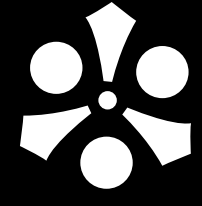
751 Carved Rosette



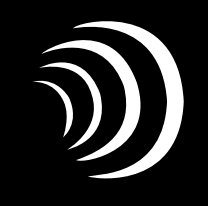
754 Eight Rings



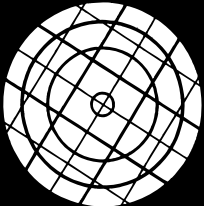
752 Asian Design 1



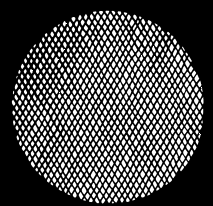
753 Asian Design 2



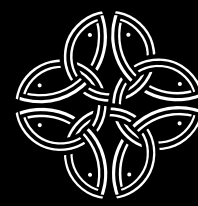
734 Four Crescents



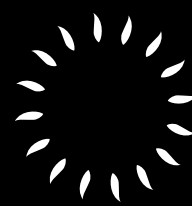
747 Focus



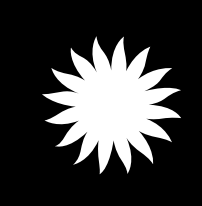
705 Opera Hose



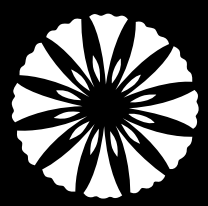
848 Celtic Vision 1



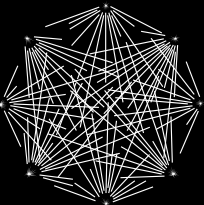
292 Sun B



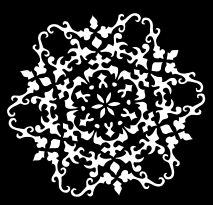
291 Sun A



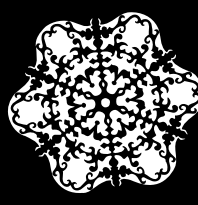
637 Tulip Motif



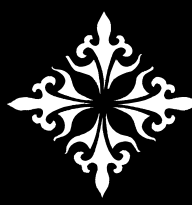
879 Laser Lines



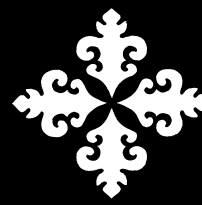
807 Ornament N



806 Ornament P



744 Folk Motif 1



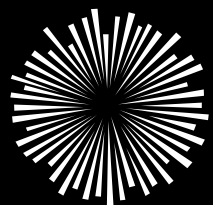
745 Folk Motif 2



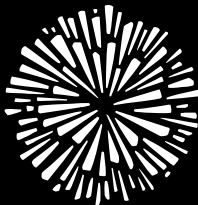
542 Paisley Breakup



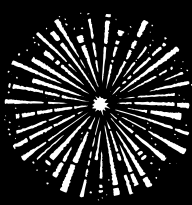
707 Twister XL



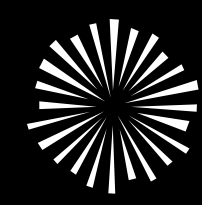
235 Radial Lines



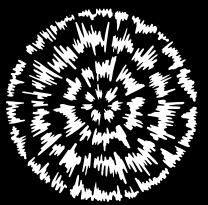
271 Radial Breakup



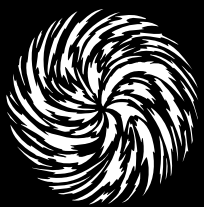
306 Explosion



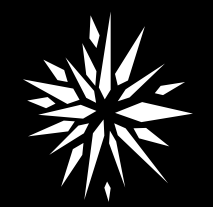
638 Radial Lines 2



669 Shimmer 1



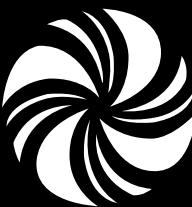
668 Twister



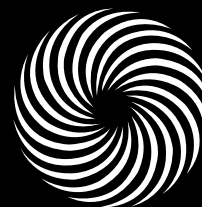
354 Diamond Breakup



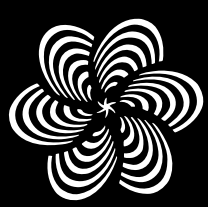
233 Spiral



666 Pinwheel 3



282 Whirl



664 Pinwheel 1

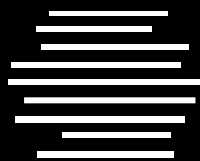




722 Untitled, 1995



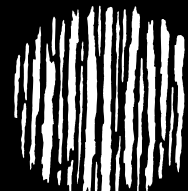
553 Footprints



391 Lines



582 Linear Breakup 1



673 Linear Breakup 2



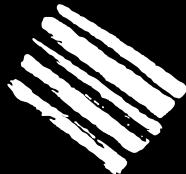
345 Vertical Breakup



641 Shafts



642 Thin Shafts



647 Wide Shafts



534 Triangles



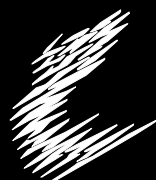
590 Strokes



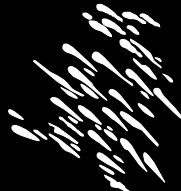
640 Second Strokes



385 Check



507 Zig Zag Motion



581 Diagonal Breakup



320 Scribble



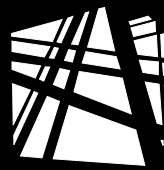
671 Pasta Point Five



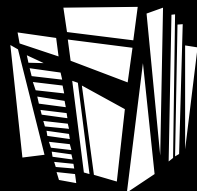
371 Streamers



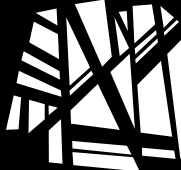
635 Construction A



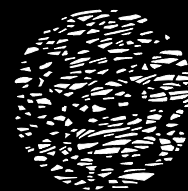
636 Construction B



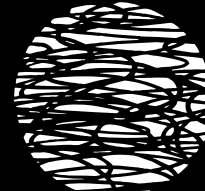
696 Construction C



697 Construction D



660 Pasta 2



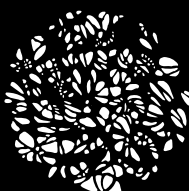
659 Pasta 1



622 Brush Breakup



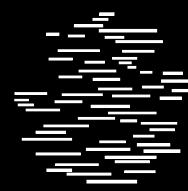
714 Sponge



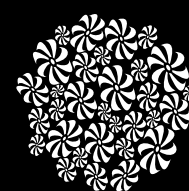
317 Pebbles



661 Pasta 3



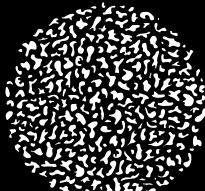
623 Broken Lines



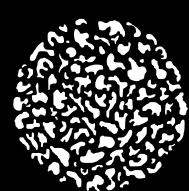
908 Pinwheel Breakup



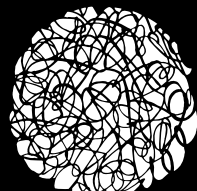
842 Pointed Breakup-S



368 Miniature Breakup



222 Small Breakup



706 Tangles



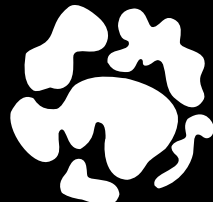
611 Crackling Breakup



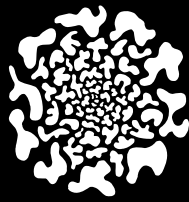
861 Audience



223 Large Breakup



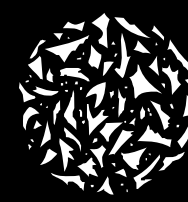
700 Giant Breakup



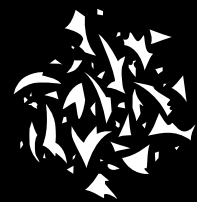
855 Graduated Breakup 1



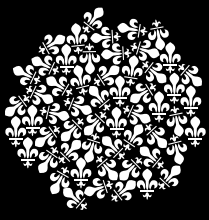
645 Mixed Breakup



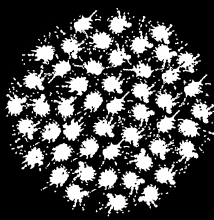
305 Pointed Breakup



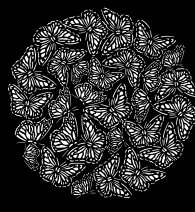
589 Pointed Breakup XL



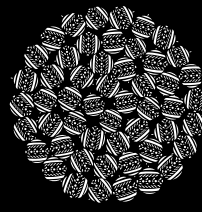
870 Crazy Saints



868 Splatter Breakup



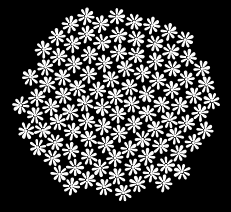
873 Butterfly Breakup



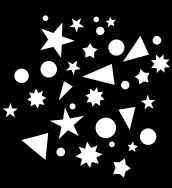
874 Ornament Breakup



875 LG Ornament Breakup



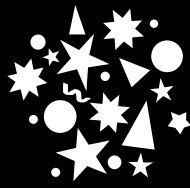
869 Daisy Breakup



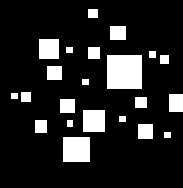
784 Potpourri 1



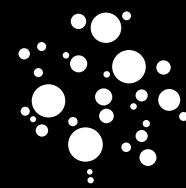
785 Potpourri 2



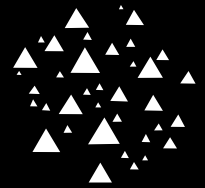
786 Potpourri 3



598 Small Squares



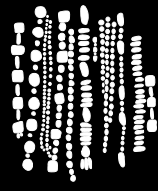
599 Small Dots



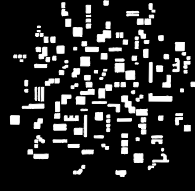
600 Small Triangles



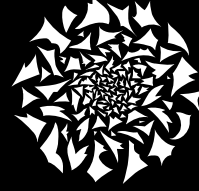
593 Diamonds



365 Beads



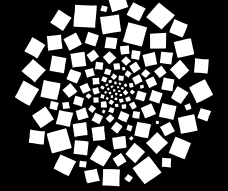
816 Digital Breakup



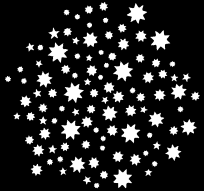
856 Graduated Breakup 2



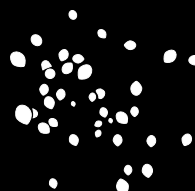
857 Graduated Breakup 3



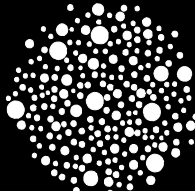
858 Graduated Breakup 4



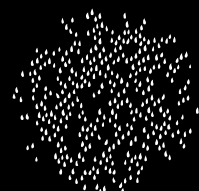
777 Stars on Stars



336 Balloons



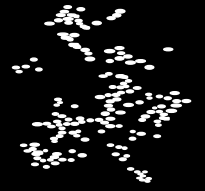
746 Lotsadots



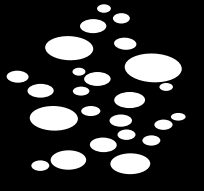
893 Tear Drop Breakup



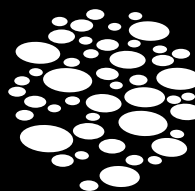
548 Pointillism 2



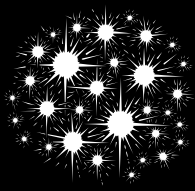
547 Pointillism 1



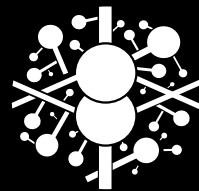
779 Pools of Light



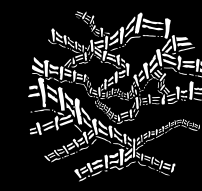
778 Ellipses



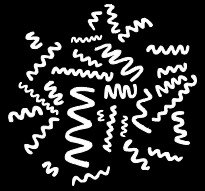
880 Bursting Breakup



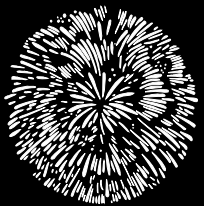
884 Bing Bong



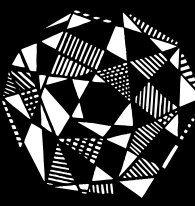
906 Fence Breakup



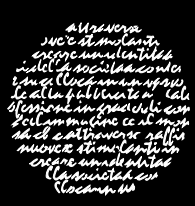
662 Corrugated Breakup



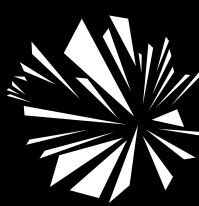
804 Big Burst



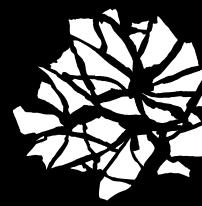
704 Quilt



853 Handwriting



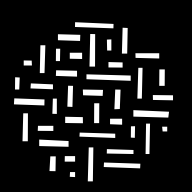
398 Shatter



726 Smash



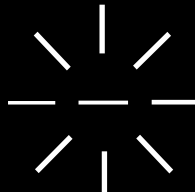
698 Argyle Breakup



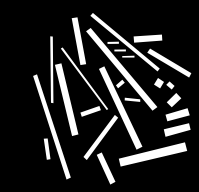
735 Random Rectangles



701 Taco Pronto



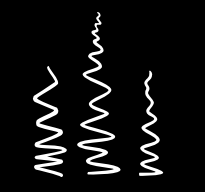
521 Krelve Lights



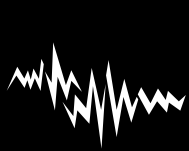
620 Scattered Lines



319 Circles



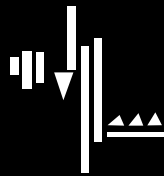
349 Sizzle!



386 Electric



387 Concept 1



396 Concept 2



383 Row of Lights



737 Triangle Tunnel



364 Linear Diamonds



281 Spotlight Gobo 8



266 Sunburst



348 Pow!



399 Star Banner 1



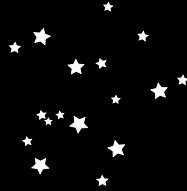
500 Star Banner 2



394 Circle of Stars



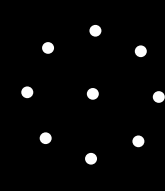
555 Star Cluster



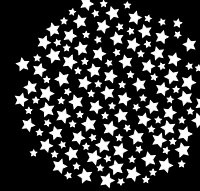
232 Large Stars



783 Circle of Large Stars



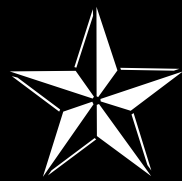
395 Circle of Lights



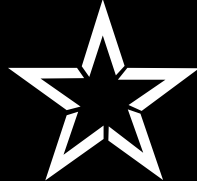
243 Star Breakup



244 Super Stars



802 3-D Star



736 Star Tunnel



280 Spotlight Gobo 7



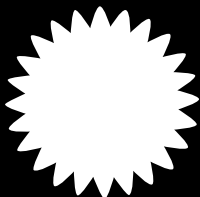
782 Giant Six Point Star



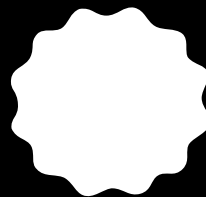
275 Spotlight Gobo 2



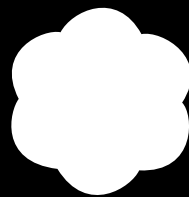
801 5-Pointed Star



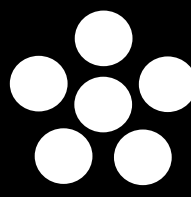
277 Spotlight Gobo 4



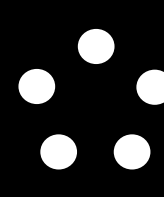
274 Spotlight Gobo 1



276 Spotlight Gobo 3



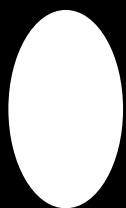
755 Six Holer



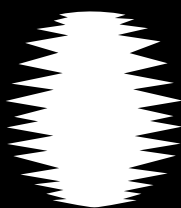
592 Five Holer



663 One Holer



278 Spotlight Gobo 5



279 Spotlight Gobo 6



381 Pin Spot A (1-1/2in.)



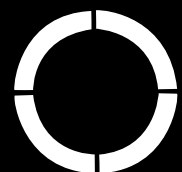
382 Pin Spot B (1in.)



651 Pin Spot C (3/4in.)



652 Pin Spot D (1/2in.)



619 Cone



776 Small Cone



653 90° Wedge



692 Bar



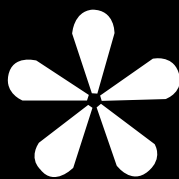
693 Thick Bar



694 Triangle



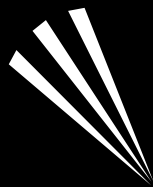
667 Pinwheel 4



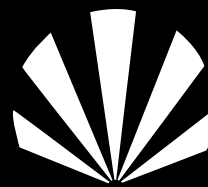
665 Pinwheel 2



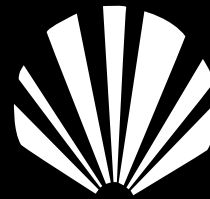
397 Wavy Searchlights



355 Searchlights



357 Beams



591 Random Beams



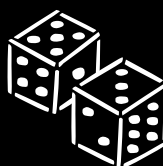
392 Dollar Signs



342 Arrow



762 That Way



886 Dice



728 Wink



715 Eyes



322 Highway



899 Graduation



823 El Gato the Cat



303 Butterflies



330 Masks



901 Comedy Tragedy



302 Music



393 Question Mark



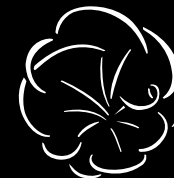
509 Swan



549 Boats



907 Airplane



347 Bam!



344 G-Clef



321 Notes

Please turn off your  
Cell phone & Beeper

833 Please turn off...

THE END

560 The End

HOLLYWOOD

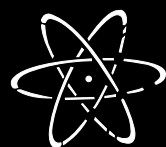
695 Hollywood Sign

ENCORE

359 Encore



588 Peace Piece



329 Atom

NO SMOKING



260 No Smoking

APPLAUSE



259 Applause

INTERMISSION

338 Intermission



898 Jukebox

*Congratulations!*

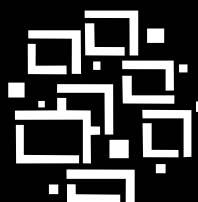
921 Congratulations!



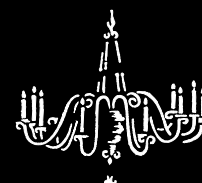
910 Strutting Breakup



860 Celtic Knot



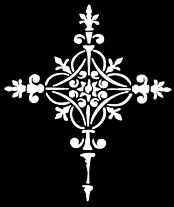
699 Mixed Squares



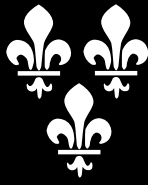
719 Chandelier



324 Street Lights



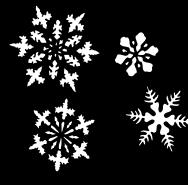
711 Iron Cross



729 Fleur de Lis



269 Snowflake



310 Small Snowflakes



361 Candles



813 Wreath with Candles



576 Merry Christmas



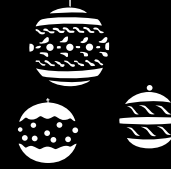
844 Feliz Navidad



644 Happy Holidays



340 Season's Greetings



616 Ornaments 1



710 Gifts



828 Santa's Sleigh



796 Snowman



826 Wooden Soldier



824 Christmas Tree Composite



827 Christmas Stockings



829 Candy Cane



913 Holiday Tree



912 Snow Tree



914 Santa Moon



518 Happy Birthday



792 Large Balloons



904 Party Cake



905 Easter Bunny



335 Clown



334 Carousel



606 Shamrock



825 Trumpet



339 Bells



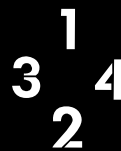
346 Flash!



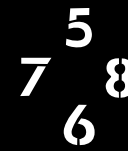
712 Bow



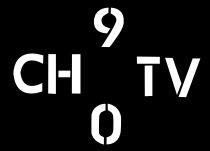
713 Ribbon



299 Numbers A



300 Numbers B



301 Numbers C



805 Angel



550 Happy New Year



350 Champagne



922 Mazel Tov



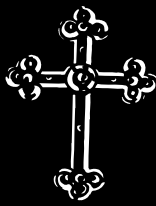
925 Jazz



915 Moroccan Style



384 Hands



812 Carved Cross



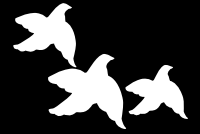
265 Cross



830 Crucifixion



831 Christ Risen



766 Three Doves



877 Holy Skies 2



876 Holy Skies



615 Ancient City



852 Madonna



859 Madonna & Child



574 Fairytale Birds



832 Sacramental Wine Cup



882 Ten Commandments



881 Proverb



809 Happy Hanukkah



814 Menorah



323 Star of David



903 Kwanzaa



716 Buddha



818 Crescent with Star



851 Mosque



878 Middle East Skyline



810 King Tut



817 Statue of Liberty



377 American Eagle



240 Eagle with Crest



238 Liberty Bell



237 American Flag



236 Bicentennial Flag



264 Canadian Flag



894 Totem Pole



843 Cupid



333 Heart



293 Hearts



646 Apparition



602 Jack-O-Lantern



603 Jill-O-Lantern



352 Cobweb



343 Skull



601 Witch with Cat



570 Scarecrow



325 Lighthouse



312 Steeple



863 Japanese Gate



890 Pagoda



896 Japanese Garden



316 Fantasy Castle



272 Castle



897 Pyramids



887 Nuclear Plant



211 City Skyline



212 Old City Skyline



213 Industrial Skyline



895 Bay City



504 Suspension Bridge



373 Skyline with Clouds 1



374 Skyline with Clouds 2



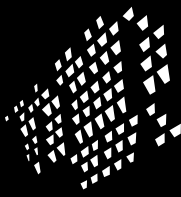
261 City Lights



378 City Scene



514 Windows 4



605 Factory Windows



902 Night City



308 City Windows



543 New York Night



885 Bridge View



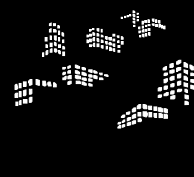
739 Linear City A



740 Linear City B



511 Windows 1



626 More City Windows



512 Windows 2



513 Windows 3



544 Eiffel Tower



627 Street Scene 1



628 Street Scene 2



563 Town A



564 Town B



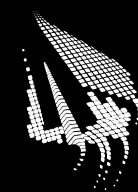
566 Barn



565 Old City Windows



210 City Alley



888 Future



554 Hillside Windows



255 Mountains



380 Mountain Peaks



209 Screen Door



561 Curved Staircase



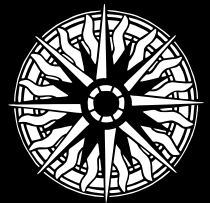
562 Arch with Steps



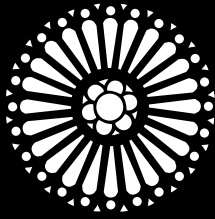
872 Scotts Columns



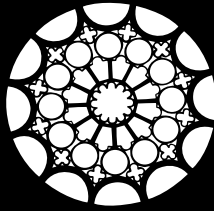
742 Greek Column



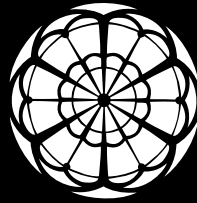
892 Sundial



375 Rose Window 1



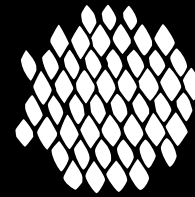
376 Rose Window 2



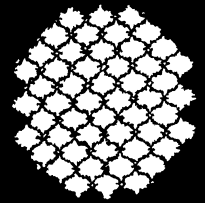
206 Tracery Window



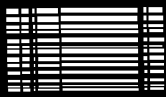
559 Grille 4



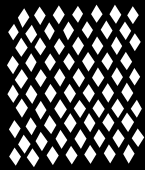
613 Hardware Cloth



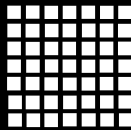
780 Delicate Grid



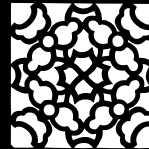
586 Grid



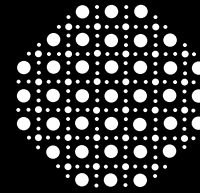
617 Trellis 1



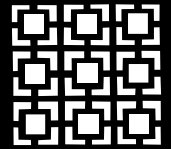
618 Trellis 2



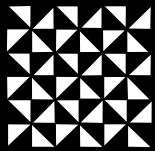
798 Oriental Grille



556 Grille 1



558 Grille 3



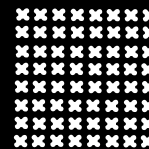
650 Triangle Grid



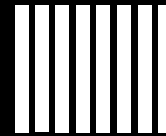
596 Grille 5



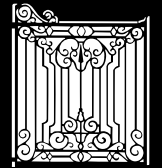
709 Glass Brickup



557 Grille 2



743 Large Bars



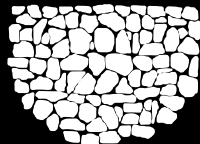
741 Iron Gate



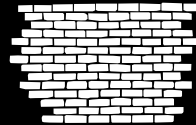
610 Old Stones



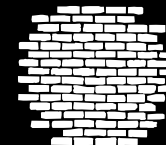
248 Cobblestones



246 Stone Wall



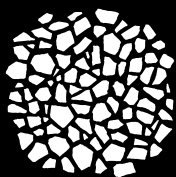
247 Brick Wall



597 Bricks



702 Flagstone - Large



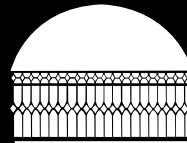
703 Flagstone - Small



567 Split Rail Fence



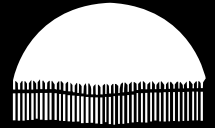
568 Rail Fence with Gate



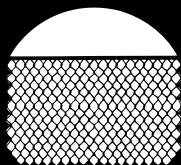
262 Wrought Iron Fence



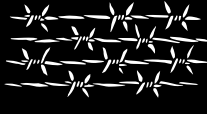
569 Old White Fence



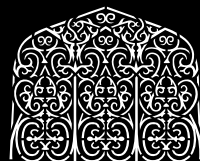
214 Picket Fence



263 Chain Link Fence



883 Barbed Wire



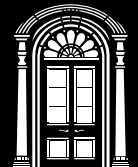
918 Persian Window



919 Baroque Entrance



920 Cloister Arches



917 Grand Entrance





631 Curtains



390 Austrian Curtain



750 Austrian Curtain Light



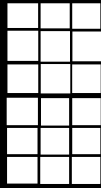
632 Cafe Curtains



331 Entry Window



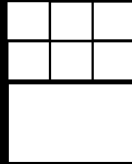
797 Chinese Doors



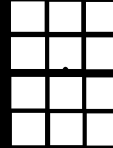
758 Office Window 3



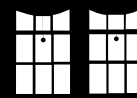
332 Transom



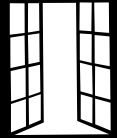
756 Office Window 1



203 Double Hung Window



207 Window Shades



585 Open Window



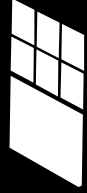
773 Office Window 10



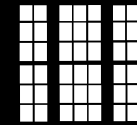
771 Office Window 8



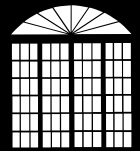
772 Office Window 9



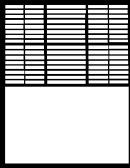
774 Office Window 11



536 Georgian Windows



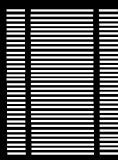
201 French Doors



757 Office Window 2



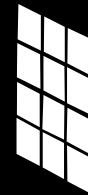
759 Office Window 4



205 Venetian Blind



541 Oblique Blinds



760 Office Window 5



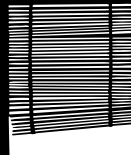
535 Elizabethan Windows



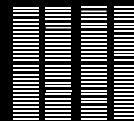
761 Office Window 6



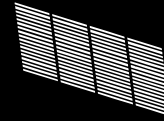
767 Old Blinds



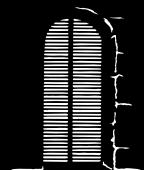
768 Crooked Blinds



204 Shutters



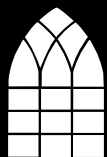
770 Office Window 7



845 Spanish Shutters



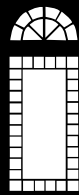
803 Byzantine Window



389 Chancery Window



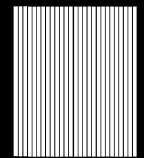
208 Bay Window



749 Victorian Window



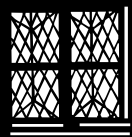
249 Bars



519 Vertical Blinds



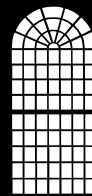
583 Stained Glass Window



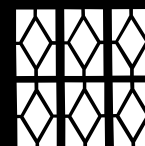
614 Tenement Windows



202 Church Window



789 Renaissance Window 1



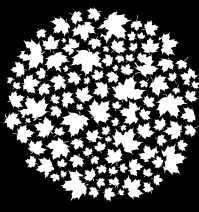
799 Tudor Window 2



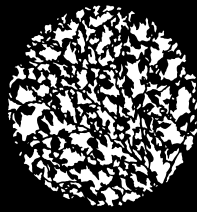
372 Tudor Window



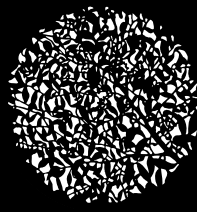
307 Autumn Leaves



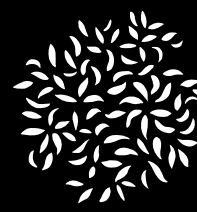
889 Maple Breakup



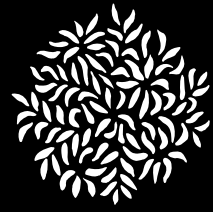
294 Summer Leaves



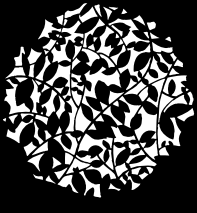
218 Realistic Leaves



730 Open Leaves



731 Open Leaves 2



748 Giant Leaves



530 Foliage Pattern



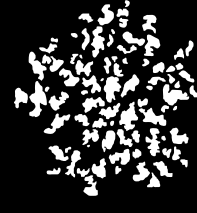
220 Dense Foliage



379 Open Foliage



577 Foliage Breakup 1



579 Foliage Breakup 3



612 Foliage with Fence



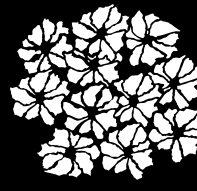
658 Sharp Foliage



341 Leaf Pattern



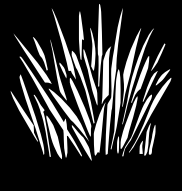
370 Leaf Breakup



781 Hillside Blossoms



580 Foliage Breakup 4



672 Mountain Shrub



839 Giant Grass



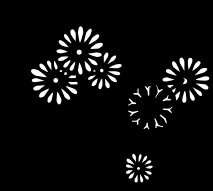
841 Large Blossom



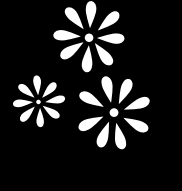
296 Field



840 Floral Breakup 1



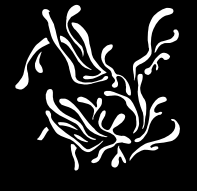
298 Flower Motif



258 Daisy Pattern



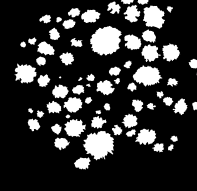
819 Undersea Foliage 1



820 Undersea Foliage 2



821 Undersea Foliage 3



822 Undersea Foliage 4



604 Nouveau Flowers



573 Fairytale Flowers



595 Cactus



838 Exotic Flowers



253 Rose



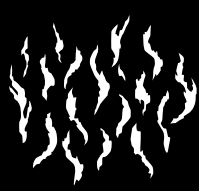
572 Fairytale Tree



297 Palm Trees



353 Flame



552 Random Flames



267 Fire



718 Circular Flame



850 Smoke/Volcano



505 Giant Flame



351 Saplings



510 Reversed Saplings



655 Medium Trees



654 Slender Trees



657 Mixed Trees



656 Large Trees



790 Thin Bamboo



787 Japanese Bamboo



215 Bare Trees



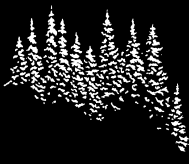
315 Reversed Trees



304 Treetop



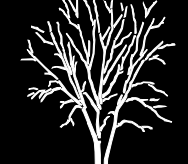
219 Trees



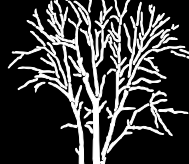
388 Evergreens



529 Evergreen Trees



527 Winter Trees A



528 Winter Trees B



584 Twisted Tree



517 Twisting Branches



522 Grove A



523 Grove B



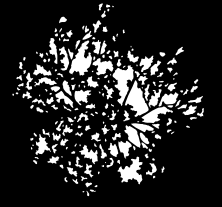
524 Grove C



216 Bare Branches



520 Open Branches



551 Summer Branches



251 Spring Branches



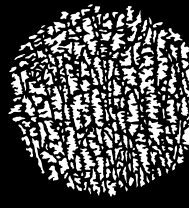
575 Hillside Branches



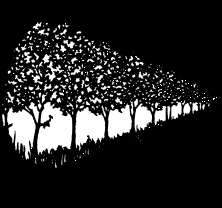
545 Giant Trees



221 Hanging Branches



546 Brambles



363 Row of Trees



769 Vines 1



252 Wildflowers



309 Tall Trees



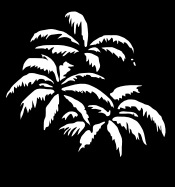
318 Mountain Road



720 Wood



721 Wood with Knots



362 Palm Leaves



788 Large Bamboo Leaves



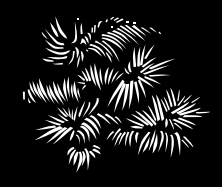
217 Jungle Leaf



533 Tropical Foliage



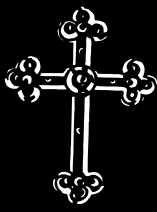
791 Small Bamboo Leaves



578 Foliage Breakup 2



384 Hands



812 Carved Cross



265 Cross



830 Crucifixion



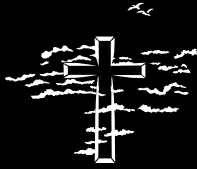
831 Christ Risen



646 Apparition



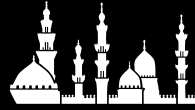
876 Holy Skies



877 Holy Skies 2



615 Ancient City



878 Middle East Skyline



852 Madonna



859 Madonna & Child



766 Three Doves



574 Fairytale Birds



832 Sacramental Wine Cup



851 Mosque



814 Menorah



323 Star of David



810 King Tut



716 Buddha



818 Crescent with Star



236 Bicentennial Flag



240 Eagle with Crest



238 Liberty Bell



264 Canadian Flag



377 American Eagle



237 American Flag



792 Large Balloons



550 Happy New Year



350 Champagne



606 Shamrock



817 Statue of Liberty



843 Cupid



333 Heart



293 Hearts



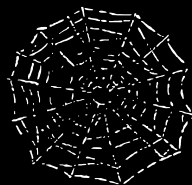
809 Happy Hanukkah



602 Jack-O-Lantern



603 Jill-O-Lantern



352 Cobweb



343 Skull



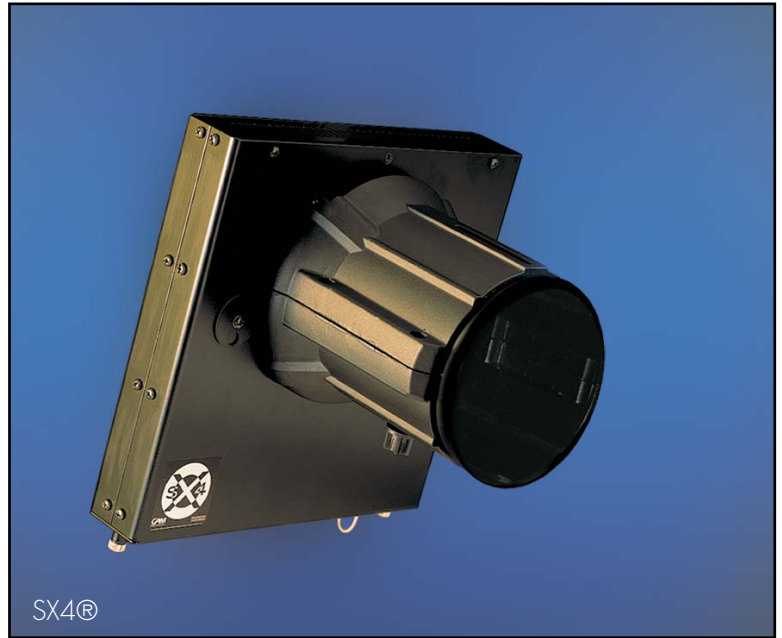
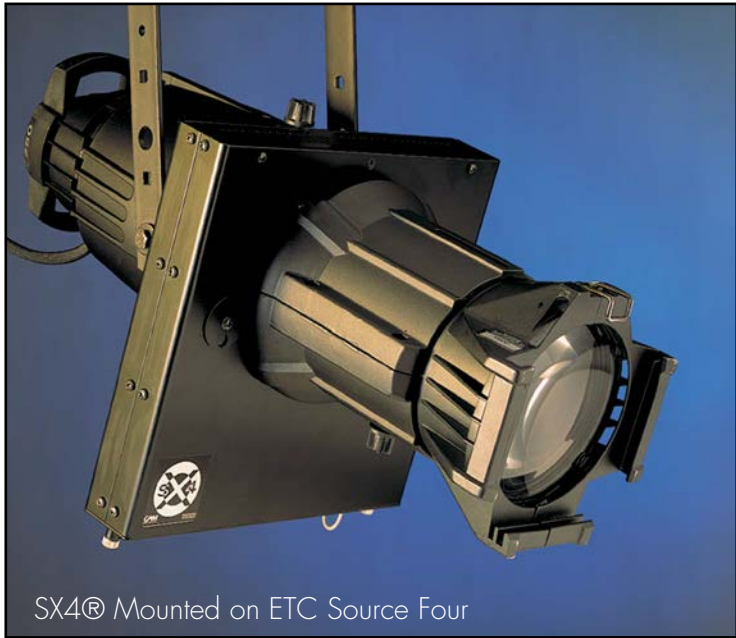
601 Witch with Cat



570 Scarecrow

# SX4® SCENIC PROJECTION SYSTEM PATENTED

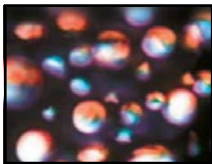
A SCENIC PROJECTOR, GOBO CHANGER OR COLOR CHANGER



## SX4®EFFECTS



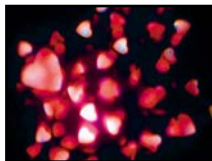
Swimming Fish



Floating Bubbles



Moving Clouds



Cupid's Hearts

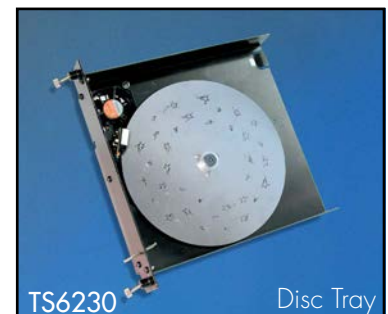
## SLIDE-IN, INTERCHANGEABLE TRAYS WITH DMX CAPACITY

- LOOP TRAY utilizes over 40 GAM Pattern FX/Loops for scenic projection.
- SIX-GOBO TRAY allows you to use any 'M' size gobo in glass, metal or dichroic color filter.
- FOUR-GOBO TRAY allows any 'B' size pattern.
- DISC TRAY takes an 8.5 inch FX/Disc. See Disc selection on page 22.
- SX4® can revert your Source Four to a conventional ellipsoidal quickly and easily.
- Built to sustain the rugged demands of the theme park, retail and architectural markets.
- SX4® achieves an amazing 4000 hours or more of pattern loop life.

See pages 20 & 21 for Pattern Loop selection

Four choices of spotlights to choose from. Either the 575 watt or 750 watt incandescent, long-life 150 watt HID, or a super bright 575 watt HMI™ GAM conversion. The SX4® system is easy to mount to the spotlight. Loosen two screws, snap the SX4® in place, tighten the two screws and in less than a minute you have converted your light to a very effective scenic projector. Moving clouds, gently falling snowflakes, raindrops, water ripples, fire, moving backgrounds, fish swimming, bats flying and so many more effects you can easily create with the SX4®. Extremely rugged, long-life effects (i.e. 4000 hr. loop life) make this an ideal source for display, theme park applications and theatrical productions of all kinds.

The SX4® Loop Tray can be operated using a dimmer for varying speed. The gobo changers and disc rotator can be operated with DMX signal and used with built-in preprogrammed sequences for displays. Please see page 38 for DMX power supply options. To learn more about this remarkably compact and efficient projector you can view the SX4® specifications and operation instructions on our website, [www.gamonline.com](http://www.gamonline.com) or call for more details.



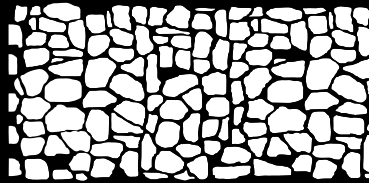
# PATTERN LOOPS

SX4®

Only use in the SX4®  
Average loop life is 4,000 hours

Film/FX™

Only use in the FILM/FX™  
Average loop life is 100 hours



53. Rock Wall

SX4® Only!



28. Evening Stars

SX4® Only!



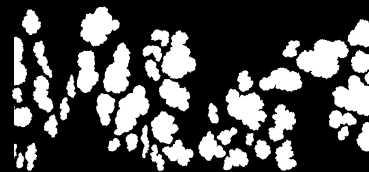
1. Fluffy Cloud

Film/FX™ SX4®



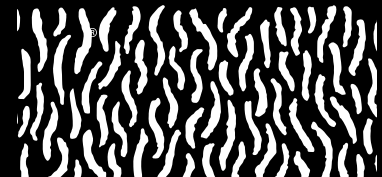
3. Streaky Cloud

Film/FX™ SX4®



8. Vertical Cloud

SX4® Only!



12. Ripple-Small

SX4® Only!



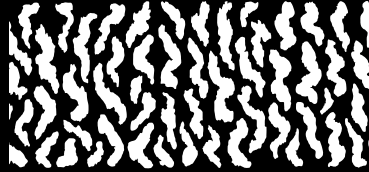
15. Clouds

Film/FX™ SX4™



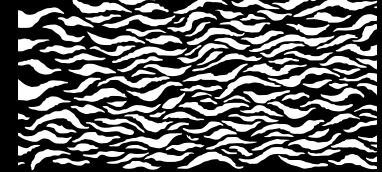
36. Thin Clouds

Film/FX™ SX4™



9. Ripple-Large

SX4™ Only!



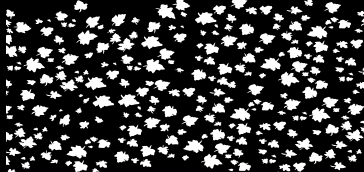
2. Fire/Waves

Film/FX™ SX4®



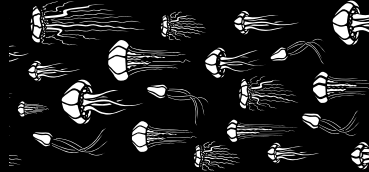
26. Falling Leaves-L

SX4® Only!



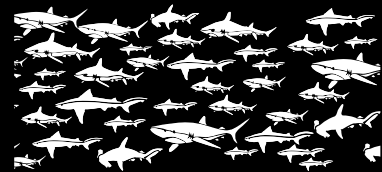
30. Falling Leaves-S

SX4® Only!



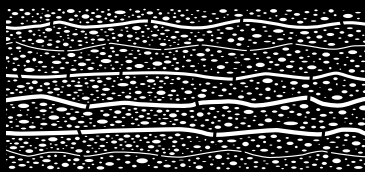
44. Jellyfish

SX4® Only!



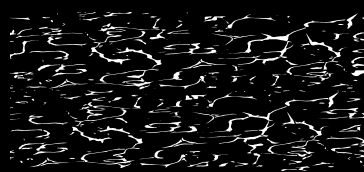
52. Sharks

SX4® Only!



43. Waterfall

SX4® Only!



47. Water Reflection

SX4® Only!



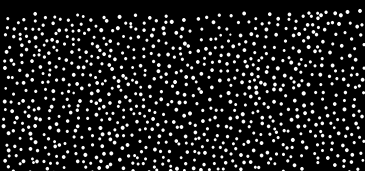
34. Moving Trees

SX4® Only!



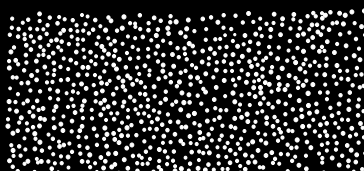
13. Arching Branches

SX4® Only!



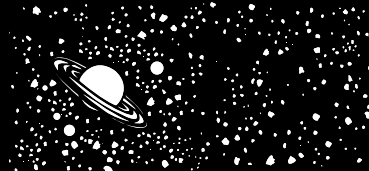
5. Snow

Film/FX™ SX4®



5+Snow (M)

Film/FX™ SX4®



31. Space

SX4® Only!



17. Fairytale Snow

SX4® Only!



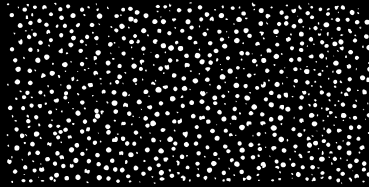
42. Angels

SX4® Only!



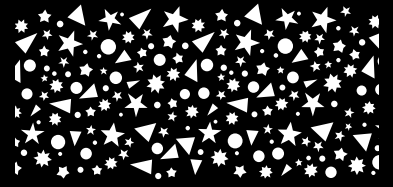
41. City Skyline

SX4® Only!



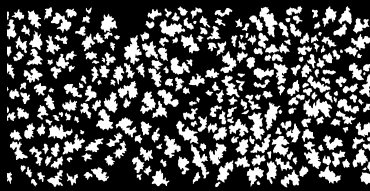
49. Heavy Snow

Film/FX SX4®



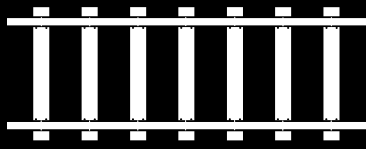
46. Confetti

SX4® Only!



10. Foliage

SX4® Only!



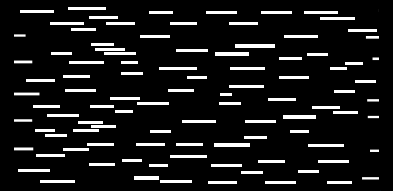
32. Train Track

SX4® Only!



33. Road Lines

SX4® Only!



4. Rain

Film/FX™ SX4®



22. Ghost

SX4® Only!



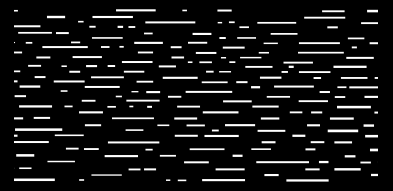
19. Bats

SX4® Only!



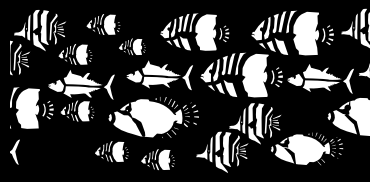
38. Birds

SX4® Only!



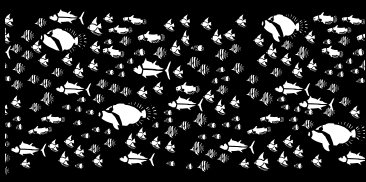
11. Heavy Rain

Film/FX™ SX4®



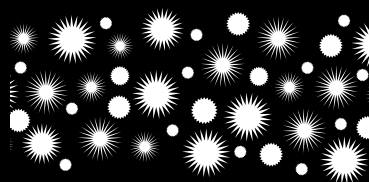
16. Fish

SX4® Only!



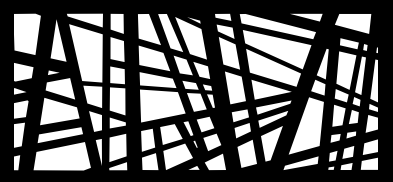
40. Small Fish

SX4® Only!



29. Soft Dots

SX4® Only!



7. Construction

Film/FX™ SX4®



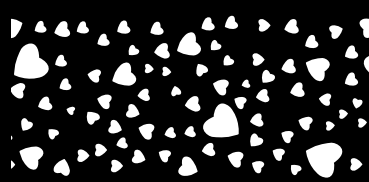
18. Stars

SX4® Only!



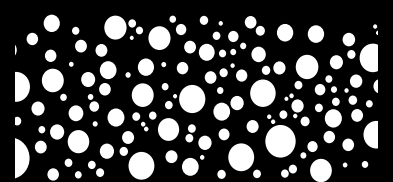
23. Diamonds

Film/FX™ SX4®



24. Hearts

SX4® Only!



6. Small Dots

Film/FX™ SX4®



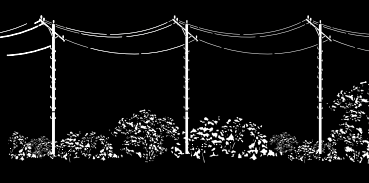
27. Musical Notes

SX4® Only!



21. Shutter

SX4® Only!



39. Telephone Poles

SX4® Only!



25. Moving Breakup

Film/FX™ SX4®

# FILM/FX™ DROP-IN MOTION LOOP PATENTED

## ECONOMICAL MOVING EFFECTS

The GAM Film/FX's™ patented design fits into the drop-in iris slot of most ellipsoidal spotlights to create a compact and powerful scenic projector. Special effects such as moving clouds, rain, snow, fire, water, ripples and other spectacular elements are made easy. The diverse collection of GAM FX/Loops makes the Film/FX™ one of the most economical and efficient projection systems ever used for theatrical production. The in-line speed control option is also available for applications where dimmers are not available. Film/FX™ loop life is 100 hours. For longer life applications please use the SX4®.

- Available in 120 or 230 volt models
- Continuous pattern loop motion
- Wide variety of FX/Loops to choose from
- Supplied with single power supply that can be plugged into any AC outlet or dimmer for speed control
- See the full line in full motion videos at [www.gamonline.com](http://www.gamonline.com)
- See pages 20-21 for loops designated for Film/FX™



Film/FX™ with Fire/Wave Loop

### FILM/FX MODELS

5801	Variable Speed	120
5802	Variable Speed	220/240
5804	With Inline Speed Control	120
5805	With Inline Speed Control	220/240



Sparkling Diamonds



Rippling Water

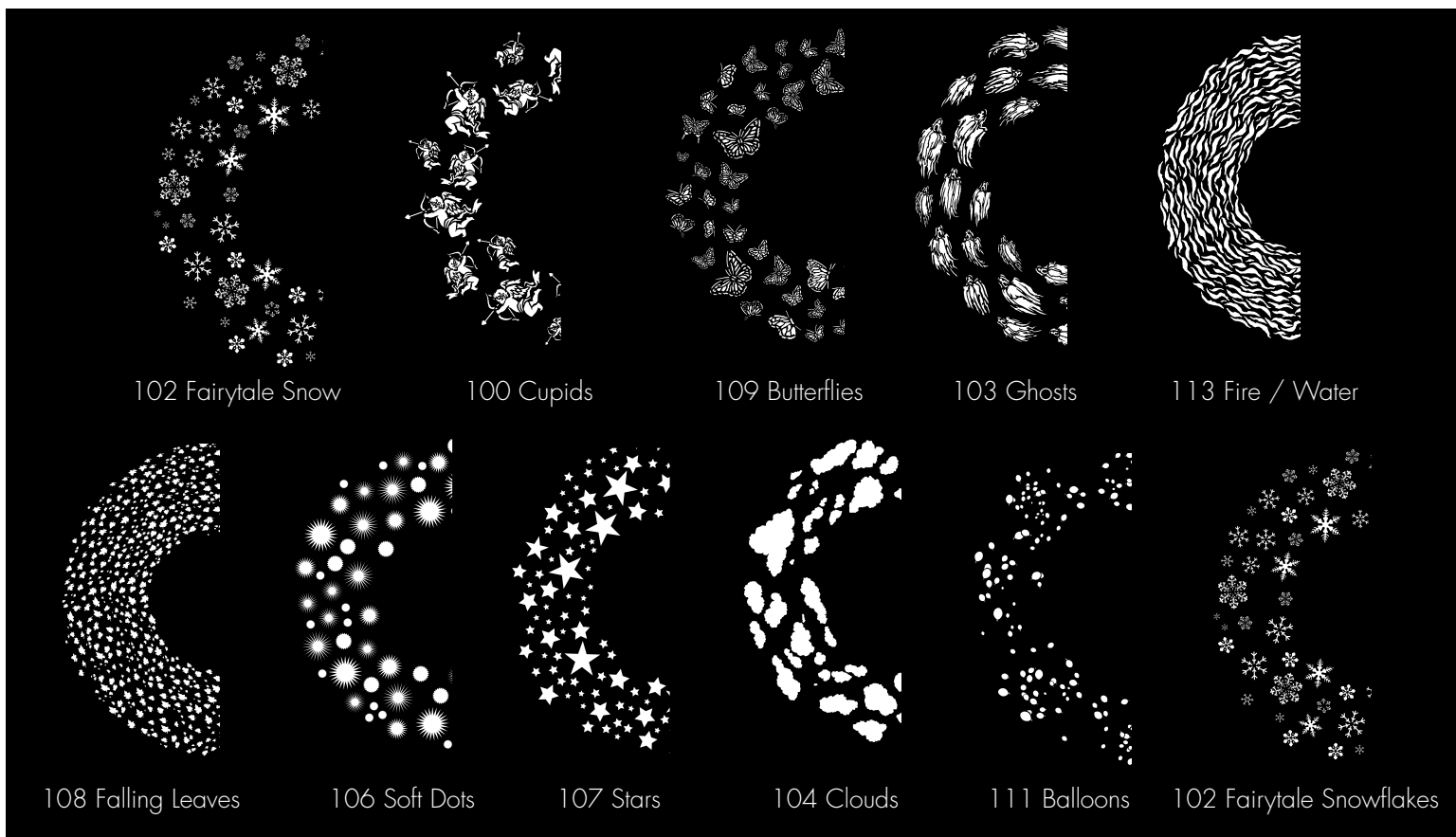


Flickering Fire

## DISCS (8.5 INCHES)

### FX/DISCS FOR THE SX4® DISC TRAY

STANDARD AND CUSTOM DISCS AVAILABLE



102 Fairytale Snow

100 Cupids

109 Butterflies

103 Ghosts

113 Fire / Water

108 Falling Leaves

106 Soft Dots

107 Stars

104 Clouds

111 Balloons

102 Fairytale Snowflakes



# Prismo™ NEW

THE GAM PRISM ROTATOR

## MOTION EFFECTS



- Multiply and animate your image with variable speed
- Fits ellipsoidal spotlights with 6.25 inch frame
- Speed range from 0.875 to 8.0 rpm
- Supplied with either 3 or 5 facet prism
- Create multi-colored images
- Designed for continuous duty cycle
- 120v or 230v models

- TS7100 Prismo™ with 3-Facet Prism • 120 volt
- TS7102 Prismo™ with 3-Facet Prism • 230 volt
- TS7200 Prismo™ with 5-Facet Prism • 120 volt
- TS7202 Prismo™ with 5-Facet Prism • 230 volt

You can add color to the prism by simply taping triangles of GamColor® to the individual facets. This will create spectacular colored effects well worth exploring.

## TWINSPIN™ THE ORIGINAL DUAL PATTERN ROTATOR

YOUR CHOICE: VARIABLE SPEED • INDEXING DMX CONTROLLED • FIXED SPEED



Choose any two patterns in the GAM catalog and create thousands of different kinetic looks. The variable speed TwinSpin™ can simply be plugged into any dimmer to control the speed, or choose a model with an in-line speed control. \* Indexing TwinSpins™ are also available for DMX control as well as fixed speed and SoloSpin™ models to choose from. GAM offers 16 models of the TwinSpin™ including Indexing, DMX Controlled, and Jr. TwinSpins™ to fit a variety of popular light fixtures.

- Excellent choice for continuous long time applications.
- Visit Virtual TwinSpin™ at [www.gamonline.com](http://www.gamonline.com) to see any two GAM Patterns you select rotating as in a TwinSpin™.

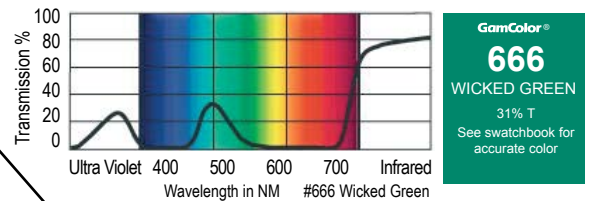
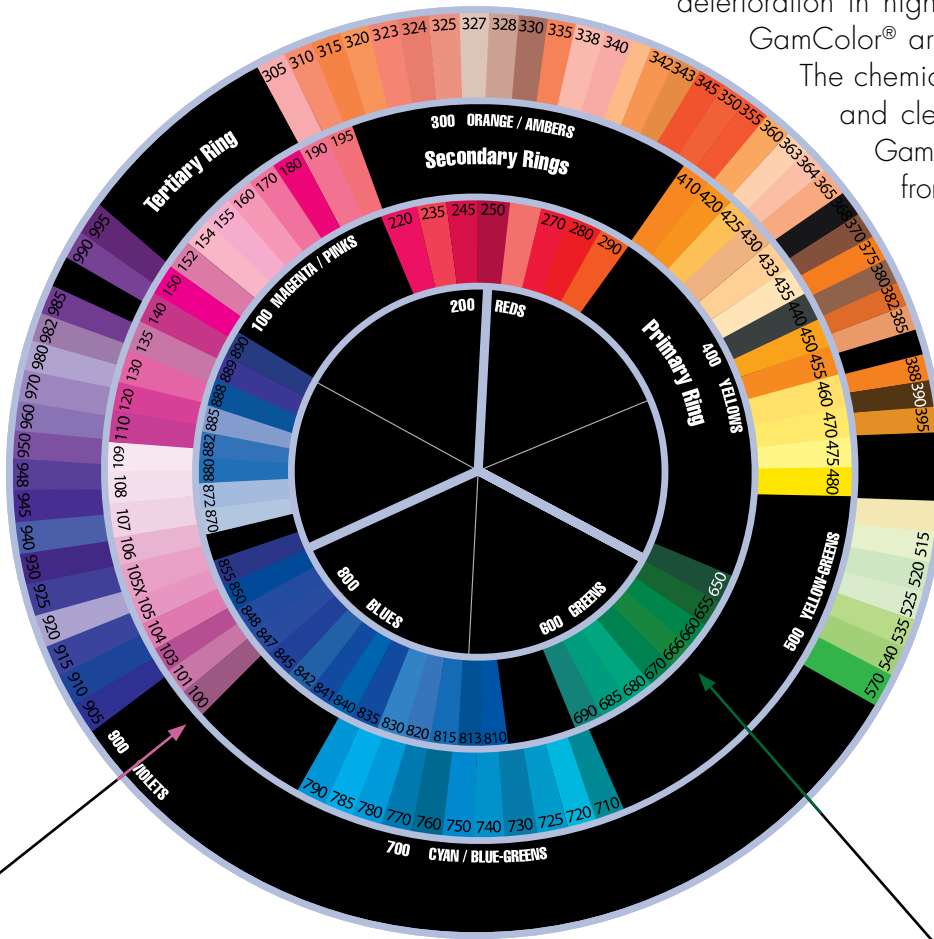
GamColors® are numbered in sections:

- 100 – Magenta
- 200 – Red
- 300 – Orange
- 400 – Yellow
- 500 – Yellow Green
- 600 – Green
- 700 – Blue Green
- 800 – Blue
- 900 – Violet

GamColor® is deep dyed in a high temperature resistant polyester with a melting point of 480°F (250°C). The GamColor® swatchbook is chromatically arranged and provides a sample of each color along with a full spectral analysis. Adhering to that analysis is one way we ensure that GamColor® is consistent in color and performance now and into the future. Each carefully formulated color goes through a rigorous quality control procedure to ensure your satisfaction every time you use GamColor®. Because it is deep dyed, the color will not scratch off the surface and is optically clear. The clear polyester base is highly resistant to tears, punctures, cracking and deterioration in high heat applications. The dyes used to produce GamColor® are the most stable and heat resistant available.

The chemical process ensures that the colors will be clean and clear with excellent transmission and consistency. GamColor® quality control includes constant monitoring, from raw material to finished product.

- COLOR FILTERS
- CINEFILTERS™
- DIFFUSION
- HEAT SHIELD 99
- UV PROTECTION
- GAMTUBE™
- SUPERTUBE™
- WINDOWGRIP™
- GEL TAPE



### USING THE GamColor® WHEEL TO FIND COMPLEMENTARY COLORS.

After you have selected a GamColor® from your swatchbook, locate your color on the wheel and look across the wheel for a selection of complementary colors.

The GamColor® System divides the visible spectrum into nine color sections that are convenient to the lighting designer. It is a circular classification of colors by hue, referencing the primaries, secondaries and important subdivisions. The GamColor® Swatchbook is arranged according to this chromatic sequence, making it easy to locate a color in a logical manner. As new colors are added, they will be numbered and positioned properly on the wheel and in the book. Use this color wheel to find complementary color schemes.

Spectral Distribution charts can be seen online or in our swatchbooks

**NUMERICALLY ARRANGED IN CHROMATIC SEQUENCE**



Large format designer swatchbooks are available in two sizes. Both GamColor® books contain samples of the complete line of our high quality deep dyed polyester filters, CineFilters™ and Diffusion materials.



Interior effects using GamColor® filters

**GamColor**  **ROLLS & SHEETS**  
Deep dyed polyester color filters

GamColor® Deep Dyed Polyester filters are 2 mils thick.

SHEETS	20" x 24" (50.8cm x 60.96cm)
JUNIOR ROLL	24" x 198" (60.96cm x 5.02m)
ROLLS	24" x 50' (60.96cm x 15.24m)
ROLLS	48" x 25' (121.92cm x 7.62m)

GC1000	SWATCHBOOK - Standard (1½" x 4")
GC1002	SWATCHBOOK - Cinefilter (3¼" x 4")
GC1004	SWATCHBOOK - Designer (4" x 5") (10cm x 13cm)
GC1006	SWATCHBOOK - Large Designer (8" x 10") (20cm x 26cm)



GamColor® on the Entertainment Tonight™ Set.



SKY LIGHT Project for Fête de l'Europe • Paris, France

# CINEFILTER™

## CORRECTION FILTERS, AND NEUTRAL DENSITY

GAM CineFilters™ are used to change the color temperature of a light source and to color balance the lighting in the scene.

- CTO to modify sunlight coming through a window to match incandescent light sources.
- CTB to change an incandescent light to match daylight.
- (ND) Neutral Density to reduce the light without shifting the color temperature.
- (MG) Minus Green to eliminate the green peak output of fluorescent lights and many discharge lamps and is ideal for eliminating the peak green outputs of HMI™ lamps.
- (PG) Plus Green shifts incandescent sources towards the greenish color of fluorescents.

Some CineFilters™ are available in WindowGrip™ adhesive backing for application to windows (see page 31). For cosmetic gels see Naked Cosmetics® on page 32.

CineFilter™ mounted on Light



# CineFilters™

GAM's 3 1/4" x 4" Cinefilter™ Swatchbook is full of useful information on color correction.

UV VISABLE IR

Transmission %

Wavelength in NM

**GamColor®**

**1526**

**3/4 CTB**

Light loss = 1.3 Stops

31% Transmission

Mired Shift = -108

Convert 3200°K to 4750°K. Also converts sources slightly bluer than 3200°K to 5600°K. Can be used with other correction to achieve a specific color temperature. Use on lights and windows. If used with + or - green will help correct some fluorescent or discharge sources.

Converts	→ To
3200°K	4750°K
5600°K	15,380°K
2380°K	3200°K
3490°K	5600°K

© 1999 GAMPRODUCTS, INC.  
GamColor available / sheets: 20"x 24" / 3 roll sizes: 48"x 25', 24"x 50', (Junior) 24"x 198"

UV VISABLE IR

Transmission %

Wavelength in NM

**GamColor®**

**1549**

**1/2 CTO**

Light loss = .3 Stop

73% Transmission

Mired Shift = +79

Convert daylight sources which are less than 5600°K to 3200°K. Use on lights and windows. If used with + or - green will help correct some fluorescent or discharge sources.

Converts	→ To
3200°K	2550°K
5600°K	3900°K
4280°K	3200°K
10,040°K	5600°K

© 1999 GAMPRODUCTS, INC.  
GamColor available / sheets: 20"x 24" / 3 roll sizes: 48"x 25', 24"x 50', (Junior) 24"x 198"

## CINEFILTERS™ ARE GROUPED ACCORDING TO FUNCTION.

ND - Decrease the light output without shifting the color temperature

CTB - Increase color temperature, incandescent to daylight

CTO - Decrease color temperature, daylight to incandescent

CTO/ND - Neutral density filter combines with CTO

MG - Minus Green, reduces spikes of fluorescents & discharge lamps

PG - Plus Green enhances the green of the incandescent source

GamFusion™ - Diffusion materials that soften and spread the light

### NEUTRAL DENSITY

1514	.15 ND
1515	.3 ND
1516	.6 ND
1517	.9 ND
1518	1.2 ND

### CTO

1540	EXTRA CTO
1543	FULL CTO
1546	3/4 CTO
1549	1/2 CTO
1552	1/4 CTO
1555	1/8 CTO

### CTO + ND

1556	CTO +.3ND
1557	CTO +.6ND
1558	CTO +.9ND

### CTB

1520	EXTRA BLUE CTB
1523	FULL BLUE CTB
1526	3/4 BLUE CTB
1529	1/2 BLUE CTB
1532	1/4 BLUE CTB
1534	1/6 BLUE CTB
1535	1/8 BLUE CTB

### MINUS GREEN

1578	EXTRA MINUS GREEN
1580	MINUS GREEN
1581	3/4 MINUS GREEN
1582	1/2 MINUS GREEN
1583	1/4 MINUS GREEN
1584	1/8 MINUS GREEN

### PLUS GREEN

1585	PLUS GREEN
1587	1/2 PLUS GREEN
1588	1/4 PLUS GREEN
1590	FLUOROFILTER CW
99	HEAT SHIELD
1505	CLEAR POLYESTER
1510	UV SHIELD

• Available in sheets & rolls

• For more detailed information about CineFilters™ uses and applications, visit [www.gamonline.com](http://www.gamonline.com).

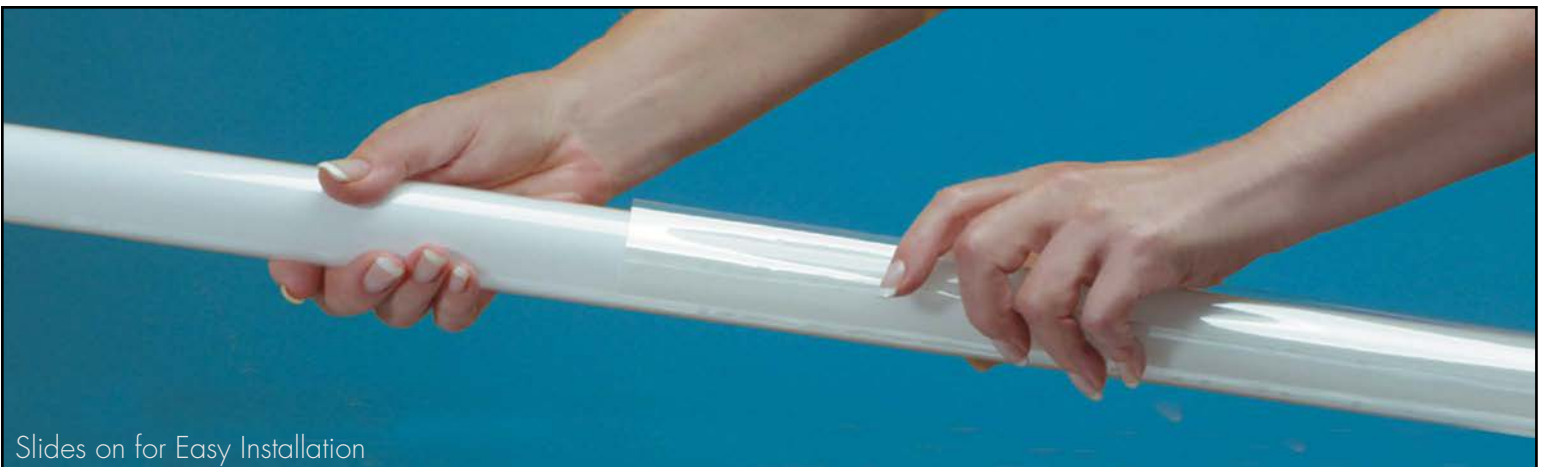
## COLOR SLEEVES FOR ANY FLUORESCENT TUBE IN ANY COLOR



- One Year Colorfast Warranty \*
  - Available in 4' and 8' Lengths
  - Available in 400' to 1000' Rolls
  - Genuine GamColor® Filter
  - Available in any GamColor®
  - Easy to Trim with Scissors to Fit Any Length Tube
  - Folds Flat for Economic Shipping
  - Installs Quickly and Easily
  - Perfect for Architectural & Display Applications
- \* See warranty details on website

GamTubes™ are colored filter sleeves that slip over fluorescents to correct or change their color. They're an excellent and economical choice to simulate neon, reduce glare or achieve color correction. GamTubes™ are available for every fluorescent lamp from T-2 to T-12. They're also available for biaxial & compact fluorescent lamps.

## GAMTUBE™ UV SHIELD PREVENTS COLORS FROM FADING



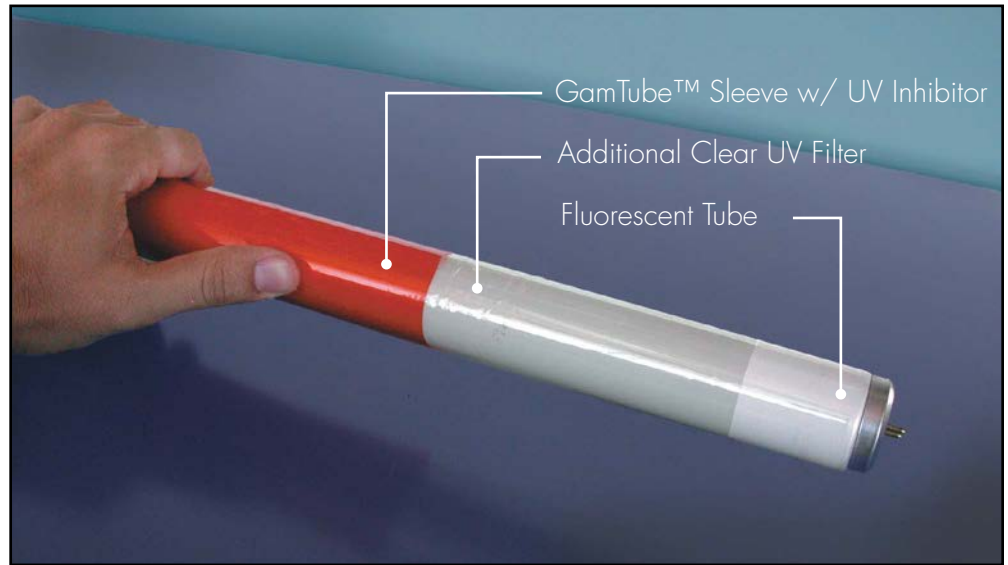
Fluorescent lamps generate high levels of ultraviolet energy which is detrimental to dyes in fabrics, paintings, drawings and other art work. GamTube™ UV Shield is an extremely effective way to protect your valuable items. Use alone or layered under a colored GamTube™. GamTubes™ are easy to install, reusable and flexible, and fold flat for storage and shipping. UV material is also available in sheets and rolls and in WindowGrip™.



## ADDITIONAL UV PROTECTION FOR EVEN LONGER COLOR LIFE:

- One Year Colorfast Warranty \*
- Available in any GamColor®
- Installs Quickly and Easily
- Available in any Size & Length
- Can be Trimmed with Scissors

SuperTubes™ are similar to GamTubes™ but designed for even more demanding applications, with a ONE YEAR NON-FADE WARRANTY!\* SuperTubes™ utilize a unique double UV protection barrier system that gives twice the UV protection, critical for today's high output fluorescent fixtures. SuperTubes™ protect in two ways: with a clear UV reduction sleeve and then with an overlaid color sleeve, also with UV inhibitors. The two are welded together for ease of handling and installation. SuperTubes™ are available in ANY SIZE AND ANY COLOR.



\* See warranty details on website

## GAM TUBE ROLL

### DEEP DYED POLYESTER COLOR SLEEVE.

SLIPS OVER FLUORESCENT TUBES TO CORRECT OR CHANGE COLOR EMISSIONS.

- Select From any GamColor®, Neutral Densities & UV Filters
- Cut With Scissors To Fit Any Length
- Genuine GamColor® Filters
- Available in Rolls for Economic Handling and Shipping
- Installs Quickly and Easily
- Huge Savings on Large Jobs



OR



In Economic Rolls from 400 FT. to 1000 Feet Long



# GAMTUBE™ APPLICATIONS



Guthrie Theatre • Minneapolis, Minnesota



Cellcom Telecommunications, Inc. • Netanya, Israel



Bartle Hall • Kansas City, Missouri



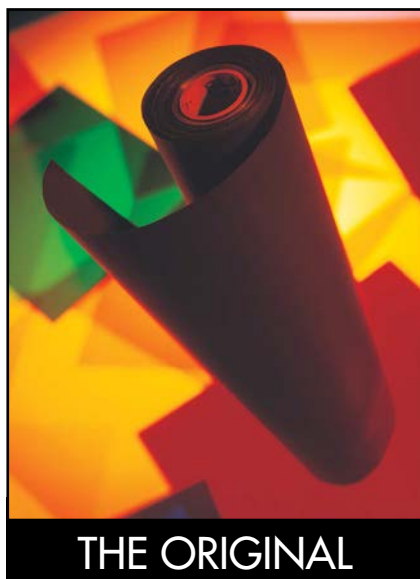
Lindsay McDermont Sports Complex



Ambassador Hotel • Eilat, Israel

## BLACKWRAP™

BLACKWRAP™ IS GAM'S ACADEMY AWARD WINNING INDUSTRY STANDARD FOR BLOCKING UNWANTED LIGHT LEAKAGE



BlackWrap™ masks light leaks and conceals unsightly cabling. It is ideal for making a snoot or barn doors to control light. BlackWrap™ is .002 inch thick malleable aluminum, coated matte black on both sides. Available in four roll widths: 12", 24", 36" and 2" tape.

GAM introduced the original BlackWrap™ in 1983 and it quickly became an essential element in the electrician's toolbox. At the 2004 Emmy Awards, the Academy of Television Arts & Sciences presented an Outstanding Achievement in Engineering Development Award to GAMPRODUCTS for BlackWrap™.

ITEM #	DESCRIPTION	ROLL SIZE
BW2700	BLACKWRAP™	12" x 50' x .002"
BW2710	BLACKWRAP™	24" x 25' x .002"
BW2715	BLACKWRAP™	36" x 25" x .002"
BW2760	GAMWRAP™ HEAVY DUTY SILVER FOIL	24" x 25' x .002"
BW2780	BLACKWRAP™ TAPE	2" x 80' ROLL

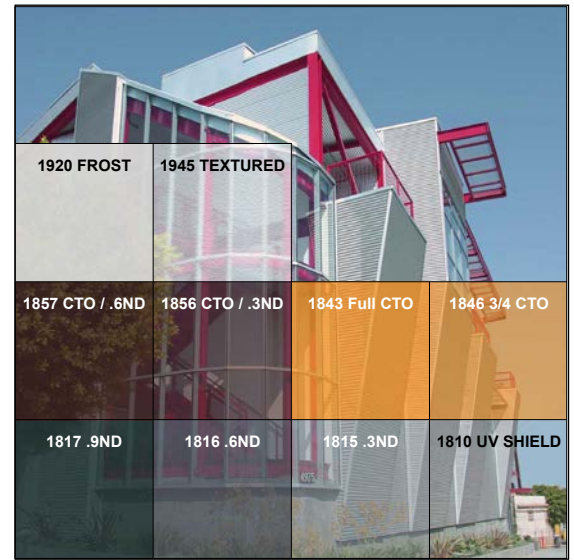


# WINDOWGRIP™

GAMCOLOR® WITH A LOW-TACK ADHESIVE SECURES , CTO, FROST AND UV FILM TO WINDOWS

REDUCE INTENSITY AND/OR CHANGE COLOR TEMPERATURE OF DAYLIGHT FROM WINDOWS!

GAM has applied an optically clear low-tack adhesive to its optically clear deep dyed polyester Cinefilter™ to create WindowGrip™. GAM Cinefilter™ is a color correction filter manufactured to stringent quality control standards from high-temperature heat-resistant and UV-protected materials. The resulting combination is a color correction filter that ensures consistent color quality for repeat reliability and superior performance. WindowGrip™ solves the color correction and intensity problems of sunlight coming through a window. WindowGrip™ adds a new dimension of control and flexibility not previously possible.



The full WindowGrip™ range.



We **STRONGLY** recommend that you use GAM squeegee to achieve the best Windowgrip™ application.

- Hard rubber edge easily pushes out water bubbles
- Durable plated steel with rubber grip



Apply to office windows



## NEW CUSTOM WINDOWGRIP™

ANY GAMCOLOR® FOR ANY WINDOW

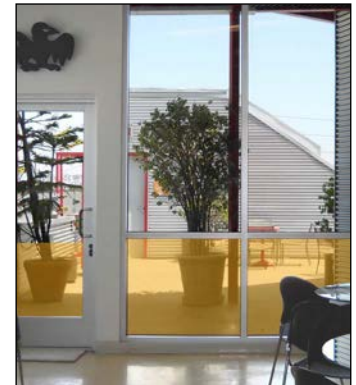
Minimum Order Size = 47" x 200'



GAM #750 Nile Blue on office window



GAM #250 Medium Red used in Fitness Club



GAM #450 Saffron

Available in 48" x 25' rolls

- ◆ GAB1815 .3ND
- ◆ GAB1816 .6ND
- ◆ GAB1817 .9ND
- ◆ GAB1846 3/4 CTO
- ◆ GAB1843 FULL CTO
- ◆ GAB1856 CTO & .3 ND

Neutral Density Filter with a 1 Stop Light Loss  
 Neutral Density Filter with a 2 Stop Light Loss  
 Neutral Density Filter with a 3 Stop Light Loss  
 Similar to 85, Converts Nominal Daylight 5600K to Tungsten 3300 Kelvin  
 Converts Nominal Daylight 5600K to 3100 Kelvin  
 Combination of Full CTO and .3ND Converts Nominal Daylight 5600K to 3600 Kelvin with a Light Loss of 1.5 stops

- ◆ GAB1810 UV SHIELD
- ◆ GAB1920 FROST
- ◆ GAB1945 FROST TEXTURED
- ◆ SQPR204

Optically Clear UV Filter (200 TO 400nm).  
 Similar to Gamfusion 10-50.  
 Cast Glass Effect - **Available in 39.5" x 123' only**  
 5" Hard Rubber Squeegee for Easy Application



# NAKED COSMETICS®

Naked Cosmetics® blend and enhance skin tones while masking undesirable undertones. These subtle colors add natural beauty to your portraits without affecting the color of the entire scene.

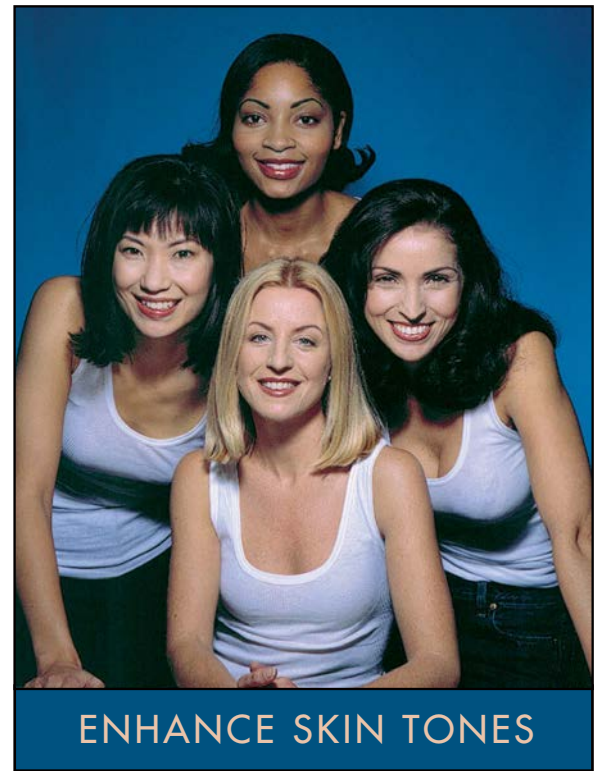
Naked Cosmetics® can lessen the apparent difference between skin colors by adding a hint of color to compliment each subject. Add GamFusion™ to achieve the desired amount of softening for the light source required to achieve the final image.

The choice of which Naked Cosmetics® to use depends on a few variables: Skin color of the subjects, costumes, make-up, recording medium, desired effect, and most important, your artistic taste. Naked Cosmetics® offer six subtle filter steps to modify skin tones. See your GAM CineFilter™ swatchbook for samples.

## SIX SUBTLE STEPS OF COSMETIC CORRECTION

NCR-3	ROSEY HINT
NCR-6	ROSEY ACCENT
NCR-9	ROSEY HIGHLIGHT
NCW-3	WARM HINT
NCW-6	WARM ACCENT
NCW-9	WARM HIGHLIGHT

Available in sheets & rolls



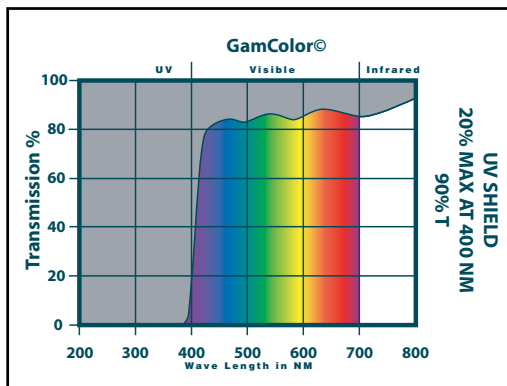
# UV PROTECTION

PROTECTION FROM THE HARMFUL EFFECTS OF ULTRAVIOLET LIGHT.

EFFECTIVELY ELIMINATES 97% OF THE UV RADIATION

Protect your photo from fading

Fluorescent lamps and sunlight emit high levels of UV light. High energy radiation in the 200 to 400 nanometers segment of the electromagnetic spectrum can be most harmful to documents, paintings, photos, parchment, dyes and pigments of all kinds. GamColor® clear colorless polyester UV Film effectively eliminates 97% of the ultraviolet radiation in the wavelength band from 200 to 400 nm, preventing colors from fading. GAM UV protective materials have been approved by the American National Standards Institute (ANSI) for the protection of stored or displayed photographs. Film is available in sheets, rolls, Windowgrip™ and GamTube™.



UV Protected

Non UV Protected

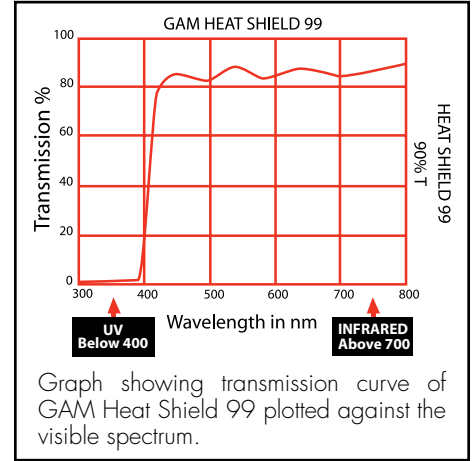
# HEAT SHIELD 99

## EXTEND COLOR FILTER LIFE

### OPTICALLY CLEAR THERMAL INSULATOR



GAM Heat Shield 99 protects color filters (gels) from fading and warping due to prolonged exposure to high intensity light sources. The melting point for Heat Shield 99 is 480°F (250°C). The chart to the right illustrates the percentage of light transmission throughout the visible spectrum at more than 90% with an almost complete elimination of color fading UV.



Available in sheets & rolls

Position Heat Shield 99 between the light source and the color filter. Separate the two elements by approximately one inch (2.5 cm), allowing air flow between the two to dissipate heat.

# GAMFUSION™

## SOFTEN AND DIFFUSE YOUR LIGHT

GamFusion™ is a carefully developed system of materials designed to soften and diffuse the light beam. GamFusion™ can be used to smooth the beam of an uneven spotlight without disturbing its normal hard edge. Each sequential step is progressively more diffuse. The 10-90 is ideal for light boxes and situations where the audience or camera might look directly into the light source. Stronger diffusions create a soft light quality when using a Fresnel lens spotlight. Two diffusions are available in WindowGrip™ with adhesive backing for application to windows (see page 33).

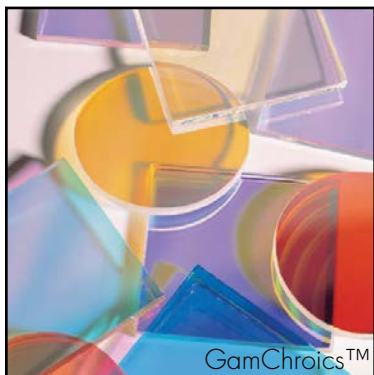
- 10-10 Evens Light Beam, Softens Edge
- 10-20 Slightly Diffuse
- 10-30 Softens Hard Edge of a Spotlight
- 10-40 Barn Door and Shutter Control Affected
- 10-50 Soften Beam and Spreads Light
- 10-55 Softens the Beam Further
- 10-60 Diffusion Very Apparent
- 10-70 Beam Hardly Perceptible
- 10-75 Almost Total Elimination of the Beam
- 10-80 Eliminates Beam Edges
- 10-90 Total Diffusion (Excellent for Lightbox)
- 10 Medium GAM Frost
- 15 Light GAM Frost
- 32 Full GAM Spun
- 38 Light GAM Spun
- 45 GAM VEL (Available in 72" wide rolls)
- 65 Medium GAM Silk - (Directional Spread)

Available in sheets & rolls

# GAMCHROICS™

## HIGH TEMPERATURE & HEAT RESISTANT

### DICHROIC GLASS COLOR FILTER AVAILABLE IN HUNDREDS OF CUSTOM COLORS AND SIZES



Precise optical coatings on glass make a highly heat resistant, durable and long lasting color filter that is ideal for low maintenance installation. Manufactured to high standards, GamChroics™ are available in a variety of traditional color filter sizes and shapes for ellipsoidal spotlights, PAR units, MR-16s and more. They may also be ordered in custom sizes and colors to meet your special requirements. GamChroics™ are available in Ultraviolet (UV) and Infrared (IR) (filters or reflectors) as well as combination UV and IR.

# GAMFLOOR™

## INSTANT FLOOR FINISH FOR YOUR SET, STAGE, STUDIO OR DISPLAY

## TEMPORARY VINYL FLOOR COVERING

AVAILABLE IN 48" x 100' ROLLS  
AND 48" x 50' HALF ROLLS

USE IT, REMOVE IT  
SAVE TIME AND MONEY

A durable self-adhesive vinyl floor covering available in a variety of matte and gloss colors. Easy to install, GamFloor™ is flexible enough to conform to moderate contours and can last for months, after which it can be easily removed and discarded, leaving no residue. The 4 mil thick vinyl finish is dyed through, producing matte finishes much softer and gloss finishes much shinier than any paint. Its dense opacity covers any color with no drying time or toxic paint odors. GamFloor™ eliminates messy clean-ups and can be applied to most smooth vertical and horizontal surfaces; concrete, vinyl, wood, painted finishes, glass and plaster. 1,000 sq ft of GamFloor™ can be applied in about one hour and can be walked on immediately after application. In 10 minutes GamFloor™ can be removed, restoring the original surface, quickly, easily, and economically.



GamFloor™ on the set



GamFloor™ for displays

\* SAME ROOM, DIFFERENT FLOOR IN MINUTES



112 Gloss Bright White



172 Gloss Deep Blue



140 Gloss Yellow



152 Gloss Deep Red

# GAM PLEXUS™

## The Future of Lighting Control on Your Laptop

- For Windows Vista and later versions
- Bootcamp compatible for MAC
- Control any light fixture or any DMX device from your laptop
- Based on Magic Sheet format
- Exceptionally quick learning curve
- Customize and organize the control panels

TRY IT BEFORE YOU BUY IT

Free Download @ [www.gamonline.com](http://www.gamonline.com)

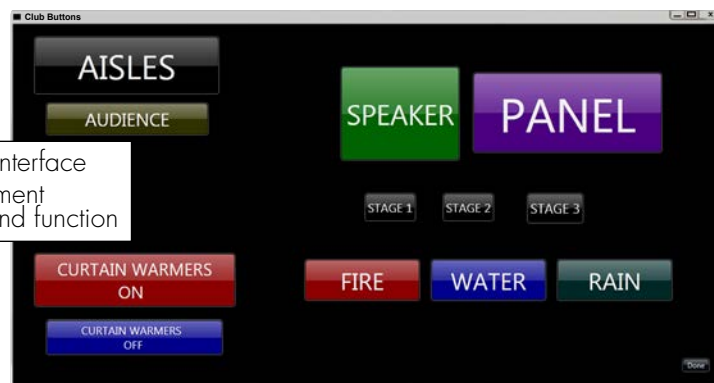


### Security Key

- Required to enable DMX function.



Club Buttons - Full control with the touch of a button



Customize the Interface

- Button placement
- Size, color and function

# STARSTROBE™

- Double Xenon lamp provides super bright flash
- 60 Random flashes per minute
- Rugged molded black housing
- One-piece molded lens cap
- Reliable, solid state circuitry
- Run up to 50 or more StarStrobes™ on a single 20 amp circuit
- Speed control using an AC dimmer to vary the flash rate
- Remote control programmable StarStrobe™ option

The StarStrobe™ can hang from its cord or be permanently affixed to hard scenery. They are dazzling behind a scrim for star effects, or lining a proscenium or bandstand for eye-catching glitter. Color your StarStrobe™ by removing the cap and inserting GamColor®.



SS3115

Double Header uses 4 lamps



StarStrobe™ uses 2 lamps

SS3104



# GAMTORCH™ PATENTED REAL FLAME SELF-EXTINGUISHING TORCH

- Tested and proven in hundreds of stage performances and outdoor spectacles.
- Produces 16 inches of real flame from solid GAMFuel™ pellets.
- Virtually smokeless and odorless, GamTorch™ is non-toxic and clean burning.
- A real flame source that is environmentally safe and economical.
- Automatically self-extinguishes if handle is released for any reason
- GamTorch™ has been approved for theatrical use by fire marshals worldwide.
- GamTorch™ weighs only 2.9 lbs (1.2 kg) and measures 21.5 in (55 cm) with a 1.8 in (4.4 cm) diameter.



Example of Customer Dressed GamTorch™

## DMX POWER SUPPLY

### DMX CONTROL FOR INDEXING ROTATORS, SX4® FOUR-GOBO, SIX-GOBO AND DISC TRAYS

A variety of power supplies are available for driving GAM Special Effects devices. Some are for the Indexing and/or DMX controlled units and some are for the Variable Speed Dimmer controlled units. All power supply options are available in 120v or 230v models.

#### INDEXING DMX CONTROLLED POWER SUPPLY

##### DUAL POWER SUPPLY

This will drive the two units as commanded by the DMX signal.

##### EIGHT CHANNEL POWER SUPPLY

Eight separate channels of DMX control to drive six separate circuits. Each circuit can handle up to four units daisy-chained together.

#### POWER SUPPLY FOR VARIABLE SPEED DEVICES

##### SINGLE POWER SUPPLY FOR SX4®

Compatible with most dimmers for speed control.

##### SPLIT POWER SUPPLY FOR®

Allows for separate control of fan and speed control via dimmer.



TSPS-10

Single Power Supply



TSPS-15

Single Power Supply



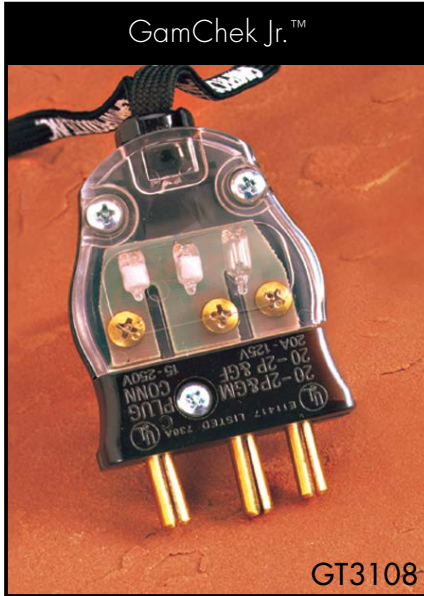
TSPS-20

Dual Power Supply DMX - Operates two units



TSPS-80

8 Channel Power Supply DMX - Operates eight units



**CLEARANCE**



**CLEARANCE**

### GAMCHEK JR.™ (STAGE PIN CABLE TEST)

- Cable test: Monitors line continuity, shows complete circuits.
- Checks correct polarity and ground.
- Tests line and/or dimmer output.
- 3 neon lamps for immediate indication.

### GAM LAMPCHEK™

- Tests lamp and fixture wiring.
- Continuity-LED indicator shows complete circuits

## GAMCHEK™ 3-IN-1 ELECTRICAL TESTER

### GT3100 STAGE PIN

### GT3102 EDISON U GROUND ..... **CLEARANCE**

### GT3104 TWIST LOCK ..... **CLEARANCE**

### GT3106 CABLE WITH LEADS ..... **CLEARANCE**

- Test Cable: Monitors each line's continuity independently, LED display indicates complete circuits
- Test Lamp: Indicates the lamp and fixture wiring continuity with both a buzzer and LED
- Test Power: Checks and displays if power is available, if polarity is correct and if wiring is correct
- Controls and LED indicators recessed in ergonomic case
- Battery included



# STIK•UP™

## COMPACT MULTIPURPOSE LUMINAIRE



Stik•Up™ goes where no light has gone before. The ultra light but sturdy wire frame construction weighs only 4 oz. (9 oz with lamp and cord) which allows it to be mounted in any position, by almost any means. Tape it to a stand, hang it with picture wire, secure it with gaffer's tape, or even a clothespin (C-41)! Snap-on extension arms support the use of color, correction filters and diffusion material. Use BlackWrap™ to create barn doors. Go anywhere in the world with a Stik•Up™ three light kit. It includes three lamps of your choice and arms in a sturdy, molded foam compartmented case. Complete Stik•Up™ Kit weighs only 8.2 lbs and measures only 16-1/4" x 20" x 5.5". GAM's Stik•Up™ Kit is the ultimate in flexibility and portability. Stik•Up™ can be operated at 12v, or at 120v or 230v. Just select the appropriate lamp.



Stik•Up™ Kit with Case

ITEM #	DESCRIPTION	ACCESSORY • POWER
SU2610	STIK•UP™ HEAD	EXTENSION ARMS
SU2600	STIK•UP™ KIT	3 HEADS + ACCESSORIES + LAMPS
SU2602	STIK•UP™ KIT	FULL KIT IN SPECIAL MOLDED CASE
SU2020	LAMP	100W-120V
SU2021	LAMP	150W-120V
SU2022	LAMP	125W-12V (BATTERY)
SU2023	LAMP	200W-120V
SU2024	LAMP	200W-230V



Hang with clothespin



Stand mounting block available



With BlackWrap™ barndoors

# METAL HALIDE 575W SPOTLIGHT & PROJECTOR

- FOUR TIMES THE LIGHT OUTPUT OF AN INCANDESCENT 575W SOURCE FOUR
- SPECIAL ORDER ONLY, 2-4 WEEKS LEAD TIME

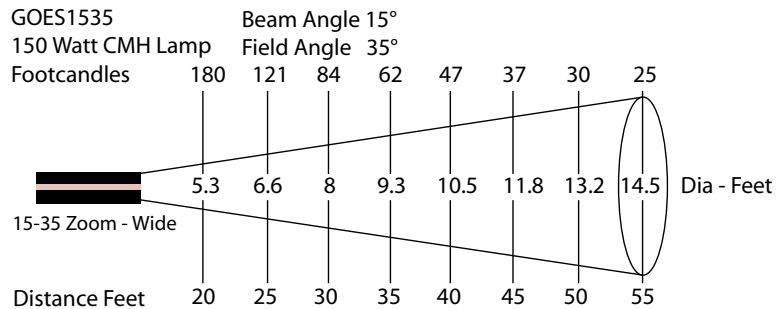
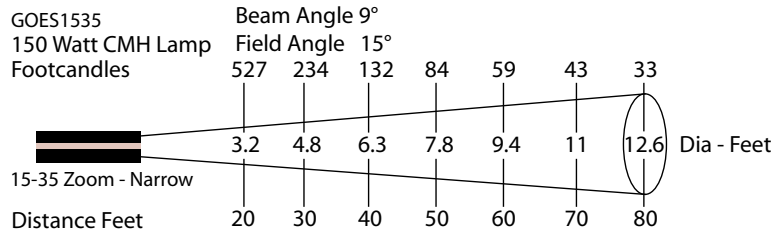


\*HMI™ is the copyright trademark of OSRAM GmbH. All rights reserved.

- GAM quadruples the light output of an incandescent 575W Source Four with the same power consumption.
- Utilizing the highly efficient optics of the Source Four in combination with a compact and efficient 575W HMI™ lamp, we have created this unique and optically awesome spotlight & projector.
- The entire range of fixed focus Source Four and zoom lens units are available in GAM's HMI™ conversion.
- Hot instant restart with the igniter installed in the head.
- Attach an SX4® to create a brilliant scenic projector.

The 8 lbs. Flicker Free Electronic Ballast provides for DMX control, manual control, and more than 50% dimming using a DMX signal. Optional controlled accessories; electronic dimming shutters, color changers, iris, automatic zoom (for zoom units), and Motor Yoke for total robotic control.

## PHOTOMETRICS



## FLICKER FREE POWER SUPPLY

Flicker free electronic ballast provides for DMX control, manual control and more than 50% dimming using DMX.

### DIMENSIONS:

Width: 6.8 in (17.27 cm)  
 Height: 4.56 in (11.58 cm)  
 Length: 10.75 in (27.3 cm)  
 Weight: 7.9 lbs (3.59 kgs)



Rear View

PHOTOMETRIC DATA						
INNO FOUR ... Lens Type	Candlepower [cd]	30' [fc]	40' [fc]	50' [fc]	60' [fc]	70' [fc]
5°	6,936,000	7,958	4,476	2,864	1,989	1,461
10°	3,121,200	3,581	2,014	1,289	895	657
19°	800,000	917	516	330	229	168
26°	409,446	469	264	169	117	86
36°	222,750	255	143	92	63	46
50°	115,322	132	74	47	33	24
<b>Zoom 15°-30°</b>						
15°	1,142,640	1,311	737	471	327	240
30°	306,820	344	198	126	88	64
<b>Zoom 25°-50°</b>						
25°	419,391	481	270	173	120	88
50°	186,208	213	120	76	53	39