

Quick reference items



Power Formulas

Ampere (A) is a measure of electrical current.

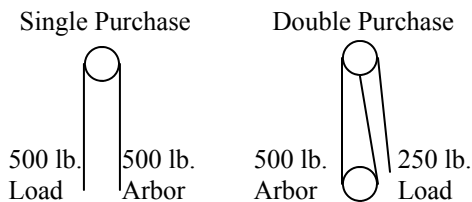
Watt (W) is a measure of heat or electrical power.

Ohms (Ω) is a measure of resistance - one volt through one ampere.

Watts = Volts X Amps (remember West Virginia)

Most common home outlets are on 15 Amp circuits and most common theatrical circuits are 20 Amps. In the US we have 120 volt power, so on a wall outlet you typically have 1,800 Watts available and a theater circuit has 2,400 Watts.

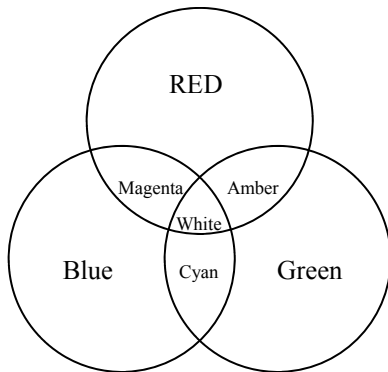
Counterweight rigging involves a load and an arbor where one counteracts the effects of the other. In a single purchase system the two sides are equal in travel and weight. Double purchase systems traditionally use twice as much weight on the arbor side but only require the arbor to



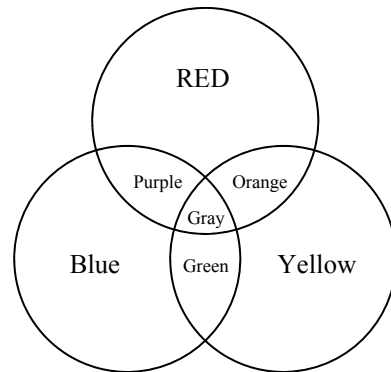
Common Lens Size to Beam Angle Conversion

Lens Size	Beam Angle	MF
4.5" X 6.5"	50°	.93
6" X 9"	36°	.64
6" X 12"	26°	.46
6" X 16"	19°	.32
6" X 22"	10°	.17
8" X 8"	19°	.32
8" X 11"	16°	.28
8" X 14"	10°	.17

Color Mixing with Light



Color Mixing with Pigment



630 W Lake Street
Chicago, IL 60661-1465

(312) 332-5611 p / (312) 258-0056 f

Last Updated January '11—All prices subject to change

LIGHTING IS OUR GAME

Grand Stage Company was founded in 1947 to provide quality lighting equipment to the theatrical community of the Midwest. Since then we have been expanding our product range to include lighting consumables, scenic materials, special FX and, with the addition of Art Drapery Studios in 1994, we added theatrical rigging and drapery. Since our beginning, Grand Stage has been a family owned and operated business, now continuing into its fourth generation. We look forward to developing our product offerings and services to better serve our customers. If there is anything you need for your show, let us know.

CHOOSING THE RIGHT LIGHT

The first decision you will need to make is whether you are looking for focused lighting or wash lighting. Most shows will incorporate a mixture of the two.

Focused lighting produces a hard edged beam which is more controllable. Fixtures of this type frequently have shutters which allow for creating edges to the pool of light. They commonly take gobos and other projection accessories. The most common type of focused fixture is the Leko (A brand name of Strand Lighting) or Ellipsoidal Reflector Spotlight (ERS). These fixtures come in a variety of focal lengths depending on the size of the stage and the distance the lights are from their targets. Followspots are also chosen because of their intensity, beam angle, and estimated throw distance. Both ERS fixtures and follow spots are available for purchase or rent at any of our three locations.

Wash lighting is a little bit more broad in scope. Fixtures of this variety are used to illuminate with a soft edge to the beam. Common wash units are Fresnels and Par Cans. Fresnels use a stepped lens and by sliding the lamp housing back and forth in the fixture, the beam is adjusted from spot to flood. Par Cans, the workhorse of the Rock and Roll world, are reminiscent of the old "lights in a tin can." The size and shape of the beam is a factor of which lamp you chose to install. The newer generation of pars, such as the Altman StarPar, use the same lamp as many common ERS lights and have interchangeable lens sets to achieve the versatility of the traditional Par Can. External barn doors can be added to shape the beams of the Fresnel and Par Can.

To determine the beam diameter of any fixture for a given distance, look for the MF listed with the part number. Simply multiply the MF by the throw distance to determine coverage.

$$\text{Multiplying Factor X Throw Distance} = \text{Diameter of Area Coverage}$$

Please note: when requesting a quotation, we will need to know your preference for connectors and lamp wattage required for your application, as they are quoted separately unless otherwise noted.

The standard theatrical connector is a 20 amp 2 pin and ground connector. This is commonly called a stage pin connector and is the connector used on all of our rental gear. Please be aware that there are many sizes, shapes and amperage ratings of connectors. The more descriptive you can be of your connectors, the more accurate our quotation can be.



Email Us
sales@grandstage.com

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Rental Policies

Grand Stage is pleased to accommodate your rental requirements and requests your adherence to our rental policies. Your cooperation in these matters insure smooth transactions for all our rental customers. Please review these policies prior to picking up your order. Not all equipment is available in all locations and additional shipping costs may be incurred for transfer between locations. Please call for availability.

SHOP HOURS

Our rental department is open from 8:30 AM to 5:00 PM Monday through Friday and our Chicago office is also open Saturdays from 9:00 AM to 1:00 PM (CLOSED ALL MAJOR HOLIDAYS). When picking up a rental, please allow a minimum of 1/2 hour before closing times for processing of paperwork and loading of your order. All returns are due back before noon on the day assigned. Pick-ups or returns other than these hours must be agreed upon in advance and will result in additional charges.

PRODUCTION SERVICES

We would be happy to assist you in your production needs. Lighting plays a key roll in your event, whether it be adding additional lighting in poorly lit rooms, highlighting center pieces or architectural work, or providing lighting for your dance floor. Our Production Team can assist you in creating a lighting package to suit your needs. We can offer production support for your corporate meetings, product launches, cinema screenings, private events, weddings, and concerts. Call your local office for more information.

We offer labor for load in/out, set up, performance runs and strikes.

Sample rates for labor are:

\$45.00/hr during regular office hours.

Premium rates apply to any time in excess of eight hours in a single day and times other than normal operating hours. In most cases, there is a minimum four hour per person charge. These rates are exclusive of delivery and truck charges. If your needs include labor, give us a call and we will be happy to quote you a firm rate.

CUSTOMER RESPONSIBILITIES

All equipment is offered for inspection, training in usage of, and testing at the location of pick up. We encourage you to take advantage of this courtesy. Grand Stage will not, under any circumstances, be responsible for any claims or liabilities resulting from the use or possession of any equipment rented from us. We will, upon request, assist you in loading equipment into your vehicle, however we are not responsible for any damages. The customer's signature on the rental contract is their assumption of responsibility for all items listed on the contract.

Our equipment is rented without guarantee or warranty of suitability for any purpose other than the manufacturers stated use. In the event of equipment malfunction, it is your responsibility to notify your location of rental immediately. Renter is responsible for items from the time they leave our shop until they are returned, and as such is liable for full replacement value and lost rental fees until missing items are replaced. All cables must be returned in a neat, coiled condition or you will be assessed charges for recoiling, with a minimum of one half hour rate.

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Rentals Addendum

GRAND STAGE

Customers must have personal identification with a photo ID in order pick up materials. All items are subject to local transaction and use taxes unless specifically excluded by letter, with copy on file in our Chicago office. We cannot refund taxes after a rental has taken place. All tax exemption information must be on file before you pick up your materials.

SPARE LAMPS

Grand Stage will provide a reasonable amount of spare lamps for rental fixtures with some exceptions. Spare lamps are listed on your rental contract and must be returned including all burned out lamps. The renter will be charged prevailing rates for lamps which are not returned.

RESERVATIONS

All equipment is rented on a first come, first served basis. Phone reservations are accepted with a major credit card. Customers must secure rental fees and security deposit in advance to guarantee equipment availability.

PAYMENT

All rentals must be paid for in full before material leave our shop, unless a prior credit account has been established and is in good standing. Please be aware in seeking to establish a business account to allow a minimum of two weeks to process your application. Payment may be made by Master Card, Visa, Discover, American Express, cash or by checks meeting requirements of Telecheck. (Call for additional details on payment by check)

DEPOSITS

In addition to rental fees, there is a minimum \$100.00 security deposit for non-account based customers. Based upon value of materials rented, we reserve the right to increase this amount. The deposit is due at the same time as the rental fees. Personal checks are not accepted for deposits. Business checks, if used, must be written on two separate checks - one for payment of rental fees, the other for the security deposit.

RENTAL PERIODS AND RATES

Your rental period begins when you request the materials to be ready and ends when the materials are returned to our shop. Delays in picking materials up from our shop will not reduce rental fees. Materials not returned as agreed in the rental contract will be charged additional fees regardless of published rates. All rentals are due back in our shop by noon on the agreed date, unless prior arrangements have been made. Late returns are assessed a \$20.00 LATE FEE and additional rental fees.

DELIVERY AND PICK UP

All items are quoted with the understanding that you will pick up and return items to our rental shop (Will-Call). Grand Stage can provide delivery and pick up for additional charges. These charges are based upon size of order and distance from our shop. We will be happy to offer quotes based upon your needs. All items must be paid for in full, including deposit, prior to materials leaving our shop. These services do not include load in or set up. Rates quoted are for tail gate delivery only. Renter is responsible for assisting in unloading and or loading materials onto our truck. On site delays caused by lack of assistance, or in locating materials will be charged in half hour rates to the renter.



Theatrical Lighting

FRESNELS

	1 Week
3" Fresnel (100/150W)	6.00
6" Fresnel (500/750W)	10.00
8" Fresnel (1kW/2kW)	15.00

PAR CANS

Par 38 (120/300W)	6.00
Par 46 (200W)	8.00
Par 56 (300/500W)	10.00
Par 64 (500/1kW)	12.00
StarPar (575W)	15.00

SCOOPS

10" (240/400W)	7.50
14" quartz (500/1kW)	12.00
14" focusing (500/750/1kW)	12.00
14" (500/750/1kW)	12.00
18" (500/750/1kW)	14.00

ELLIPSOIDALS

3.5" X6", X8", X10", X12" (500/750W)	12.00
4.5" X 6" 360Q (500/750W)	12.00
6" X 22" 360Q (500/750W)	12.00
20°- 40° Zoom (500/750/1kW)	18.00
25°- 50° Mini Zoom (500/750W)	12.00
S4 10° (575W)	21.00
S4 19°, 26°, 36°, 50°/S6 12°, 20°, 30°, 40°, 50° (575W)	15.00

CYC WASH

Strand Coda (500W)/Colortran Broad (300W/500W)	12.00
Strand Iris 3 Cell (1kW)	40.00
6' R40 3 cct. (120/300W)	20.00
7.5' R40 3 cct. (120W/300W)	25.00
8' Par 56 3cct. (300/500W)	40.00
6' MR16 3cct. (75W)	40.00

All Instruments supplied with "C" clamp, color frame, safety cable and stage pin connector

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GRAND STAGE

FILM/VIDEO

	1 Week	Weekend
Stick Up	12.00	
Q-Lite Jr.	9.00	
Mini Broad	10.00	
Smith Victor (600W)	10.00	
Lowell Location Kit	40.00	

Additional kits and grip equipment available please call for more information.

INTELLIGENT

Rosco I-Cue w/ Power Supply	85.00
Apollo Right Arm	85.00
VL1000 ERS ARC w/ Shutters	225.00
VL1000 ERS Tungsten w/ Shutters	195.00
VL2000 Spot	275.00
VL2000 Wash	175.00
VL2416 Wash	350.00

Grand Stage offers training and set up on all of our equipment. Intelligent lighting requires more set up and programming than conventional lighting. If you would like to find out more about our training and programming services, contact your local representative for more information. Automated lighting requires a DMX control source.

Accessories

Color Frames (for all stocked)	1.00	
Steel or Glass Pattern Holders (6" & S4)	1.50	
Donut (6.25")	1.00	
Donut (10 Degree)	1.50	
Iris (S4)	5.00	
Top Hats(for S4, 6" & 8" fixtures)	2.50	
Barn Doors (for 6" or 8" fixtures)	5.00	
Dual Gobo Rotator*	50.00	25.00
ImagePro**	25.00	
GAM Film FX***	45.00	

*Requires purchase of standard or custom "B" size gobos

**Requires purchase of standard or custom I-Pro slide or I-Pro Kit

***Requires purchase of standard or custom Film FX loops



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Special Effects
MIRROR BALL WITH MOTOR

	<u>1 Week</u>	<u>Weekend</u>
10"	20.00	10.00
12"	30.00	15.00
16"	40.00	20.00
22"	50.00	25.00
Pinspot / Rainlight	6.00	

STROBELIGHTS

Star Strobe	6.00	3.00
Super Strobe w/ controller	60.00	30.00
Strobe Cannon	70.00	35.00
Dual Controller (for Super Strobes)	40.00	20.00
Mark II Strobe (Requires DMX control or Strobe Striker)	80.00	40.00
ERS Strobe (Requires DMX control or Strobe Striker)	80.00	40.00
Strobe Striker	10.00	5.00

BLACKLIGHTS

40 Watt Fluorescent	20.00	10.00
40 Watt Effects Master (DMX)	50.00	25.00
250 Watt (Floor or Hanging)	50.00	25.00
250 Watt Wildfire	45.00	
400 Watt Wildfire	70.00	

GUMBALL LIGHT

With clear, amber, red, blue or green dome

Mark VI (6")	15.00	7.50
Mark XII (12")	30.00	15.00

CHASER STRIPS & CONTROLERS

6' 12 Lamp Strip	20.00	10.00
3' 8 Lamp Strip	10.00	5.00
Zero 4000 Controller	40.00	20.00
SQ-4 Controller	40.00	20.00
Ropelight Controller	20.00	

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Rentals Addendum

GRAND STAGE

ATMOSPHERICS

		<u>1 Week</u>	<u>Weekend</u>
<u>Fog and Haze (fluid & dry ice not included)</u>			
Rosco 1000	- Chemical	60.00	30.00
Rosco 1600 w/ Remote	- Chemical	80.00	40.00
Super Remote (sequencer)		50.00	25.00
Chiller Module (requires dry ice & Fog Machine)		70.00	35.00
Martin 2000 (fluid included)	- Chemical	80.00	40.00
Arena Hazer (fluid included)	- Chemical	130.00	65.00
StarHazer Lite (fluid included)	- Chemical	110.00	55.00
LeMaitre G300 Fogger/Hazer	- Chemical	150.00	75.00
Rosco Pencil Fogger	- Chemical	200.00	
Pea Souper	- Dry Ice	80.00	40.00
Aqua Fogger	- Dry Ice	100.00	

Miscellaneous (fluids, CO2 & confetti not included)

Dry Flake Snow Machine	75.00		
Chemical Snow Machine	75.00		
Bubble Machine	50.00	25.00	
Bubble Master	100.00	50.00	
ProLauncher - Confetti Cannon	50.00	25.00	
QuickShot - Handheld Confetti Cannon	10.00		
CITC ShotMax - Continuous feed Confetti launcher	50.00		

COLOR SCROLLERS

Wybron CXI Colorfusion	(Color Mixing)	75.00	
Coloram II PSU		50.00	

LIGHT EFFECTS

Rainbow Projector	50.00	25.00
Oil Projector (ProBeam 75) or Meteor Lumina	45.00	25.00
Chauvet LED MinWash	70.00	35.00
AquaSplash	50.00	25.00
RotoGlobe (colored lenses) or Roller Ball	50.00	25.00



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Dimmers/Controllers

Dimmers

	1 Week	Weekend
Autotransformers		
1X1000W	30.00	15.00
1X2000W	50.00	25.00
Scenemaster (2-Scene)*	90.00	45.00
6 X 1000W w/ Edison output & self contained controller		
Scenemaster (1-Scene)*	80.00	40.00
6 X 1000W w/ Edison output & self contained controller		
DM 406 DMX (4 cct - total 1.8kW)	60.00	30.00
LD340 DMX (4 cct - total 2.4kW)	60.00	30.00
LD360 DMX (6 cct - total 2.4kW)*	70.00	35.00
Strand CD80 (12 X 2.4kW each) Pack DMX/AMX/Analog - Single or Three Phase	100.00	
Strand CD80 (48 X 2.4kW each) Rolling Rack DMX/AMX/Analog - Three Phase	350.00	
BakPak Single Dimmer 750W - Fixture Mounted	25.00	
BakPak Single Dimmer 1.2kW - Fixture Mounted	35.00	

When ordering dimmers, you need to know many answers to questions our rental personnel will ask you. What is your power source? How many lights do you plan on dimming? How far will the dimmers be from the power source and the light fixtures? What kind of connectors do your lights have? If you know the answers to these in advance it will speed up your order.

* Requires two separate 20 Amp feeds.

Control Consoles

Leviton 3000 (8 CH DMX)	25.00	
Leprecon 612 (DMX, Analog, Microplex)	25.00	
Leprecon 624 (DMX, Analog, Microplex)	50.00	
Strand 300 48/96 (with Processor) 200CH Memory	300.00	150.00
Strand Basic Palette 100CH Memory	200.00	
Strande Palettell VL 1000CH Memory	250.00	
Strand Remote Video PC	150.00	
LP X-24 Moving Light Controller	250.00	
Per Monitor Charge	15.00	

Rentals Addendum

GRAND STAGE

CABLE & ACCESSORIES

	1 Week	Weekend
12 / 3 Power Cable		
- 5', 10', 15', 25' Stage Pin	1.00	
- 50' - 75' Stage Pin	1.50	
- 50' Edison	1.50	
- 100' - 125' Stage Pin	2.00	
- Adaptors/Twofer/Spiders/Threefer	3.00	
6cct Veam Multi Cable		
- 25' Extension	25.00	
- 50' Extension	30.00	
- 75' Extension	40.00	
- 100' Extension	50.00	
- Break In / Out (Staggered)	25.00	
DMX/Scroller Control Cable (Please specify when ordering)		
- 10' Extension	1.00	
- 25' Extension	2.00	
- 50' Extension	4.00	
- 75' Extension	4.50	
- 100' Extension	5.00	
- DMX Terminator	3.00	
- 3 to 5 Pin / 5 to 3 pin	5.00	
Opto-Iso 1 in 2 out	30.00	15.00
Opto-Iso 1 in 4 out	50.00	25.00

CLEARCOM HEADSET SYSTEMS

Base Station 1 or 2 Channel	25.00
Headset - Single Muff	5.00
Beltpack - Single Channel	12.00
Beltpack - Dual Channel	15.00

3 Pin control cable not included - call for details on pricing

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Structure and Support SUPPORT

	<u>1 Week</u>	<u>Weekend</u>
Tripod Stand (5' to 9')	20.00	
Genie Superlift 18' or 24'	200.00	100.00
50 pound bases	10.00	
1.5" Pipe (2' - 9')	2.00	
1.5" Pipe (10'+)	4.00	
Cheseborough	2.50	
25 pound Sandbag	5.00	

TRUSS

12" by 10' Triangle	35.00	20.00
14" by 10' Triangle	40.00	20.00
12" by 10' Heavy Duty Box	40.00	
12" by 5' Heavy Duty Box	25.00	
1 Ton Chain Motor w/ 60' chain	150.00	
4 Way Motor Controller & Distro w/ Remote	100.00	
8 Way Motor Controller & Distro w/ Remote	125.00	

We have the necessary hardware to safely hang your production. Please call us to discuss your specific ideas and requirements.

DRAPERY

We have a large selection of drapery available for rental. Most of our stock is black although there are small quantities of other colors. Drapes are priced per piece and do not include hanging mechanisms. Any repairs or cleaning fees that are incurred due to customer negligence will be billed to the customer. Security deposits are held until all equipment can be checked in and inspected.

Standard Black Drape	25.00	
Act Curtains	35.00	
Scrim	75.00	
Legs	25.00	
Borders	25.00	
Exhibition Drape (4'W x 8'H)	5.00	
Aluminium Uprights	2.50	
Aluminium Crossbars	2.50	
Exhibition Drape Base	5.00	

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Rentals Addendum

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STAGING

	<u>1 Week</u>	<u>Weekend</u>
4' X 4' Platform*	20.00	
4' X 8' Platform*	25.00	
Stairs	10.00	
Skirting per piece	15.00	

Chicago platforms are available in 1', 2' & 3' standard heights, Milwaukee platforms are available from 8" to 48" in 8" increments. Please note there are limitations placed on platforms over 34" tall, please call for more information. Platforms maynot be painted on, nailed to or taped to.

DANCE FLOOR

63" X 32' Rolls (black)*	60.00
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*Any repairs or cleaning fees that are incurred due to customer negligence will be billed to the customer. Security deposits are held until equipment can be tested in. See rider for more info.

FOLLOWSPOTS

Type	Max Throw		
G1500	50'	60.00	30.00
TIII (Troupurette)	75'	80.00	40.00
Luminator	75'	80.00	40.00
Comet	100'	100.00	50.00
Lycian Short Throw*	125'	150.00	75.00
Satellite I*	150'	200.00	100.00
Orbiter*	175'	200.00	100.00
Lycian Long Throw*	200'	200.00	100.00
Ultra Arcs*	200'	200.00	100.00
Midget HP*	175'	150.00	75.00
Midget 1kW	90'	60.00	30.00
Midget 2kW	100'	100.00	50.00

Units are supplied with six standard colors. Colors replaced by customers must be removed and standard colors restored prior to return or additional charges will be incurred. *Arc lamps incur a \$3.00 per hour lamp charge and are not supplied with spare lamps. Because of the uniqueness of lamp types, Grand Stage cannot guarantee sameness of color temperature of lamps when more than one unit is required.



Email Us
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Rental Packages

We have put together some lighting packages to help make your decisions easier, and are able to reduce the cost to you. We must have 24 hour advance notice and these packages are subject to availability. Each of the dimmer packs require two separate 20 amp services. Due to the already discounted nature of packages they do not fall under the standard weekly discount schedule.

	<u>1 Week</u>	<u>Weekend</u>
Small Club	200.00	100.00
Eight Par 38 Fixtures	150/300W	
Two Stands		
Cable		
Dimmers		
Large Club	250.00	125.00
Twelve Par 38 Fixtures	150/300W	
Two Stands		
Cable		
Dimmers		
Showcase Package	300.00	150.00
Eight Par 56 Fixtures	300/500W	
Two Stands		
Cable		
Dimmers (4 x 20amp feeds)		
Special Event Package	350.00	175.00
Twelve Par 64 Fixtures	500/1kW	
Two Stands		
Cable		
Dimmers (4 x 20 amp feeds)		
Small Theatre Package	400.00	200.00
Twelve Source4s/Shakespeare	575W	
Two Stands		
Cable		
Dimmers		
Wedding Package w/ Custom Gobo	130.50	
One Four Souce4s/Shakespeare	575W	
Includes custom steel gobo, gelframe, donut, edison adaptor, B-size gobo holder, 25' edison and stand		

Thoughts before Renting Equipment

1. What is your budget? It helps to have an idea of what you can spend. Don't be discouraged if the price you are quoted is more than you can afford. Our staff is willing to work with you to provide an affordable system that meets your needs.
2. Where are you using the equipment? Make sure you know the power requirements of the equipment and the power availability at the venue.
3. What time of the year will you be needing equipment? All equipment is rented on a first come, first served basis and no rental is guaranteed until it has been paid in full. Remember, if you are planning a holiday celebration, or special service, it is better to get your reservation in early as our equipment does get booked up fast during rush periods.
4. Will you be needing consumable items to go with your rentals? Do you have enough fog fluid or color media? Let us know in advance if you will be needing additional sales items when you place your rental order so we can have everything pulled and waiting for you when you come to pick up.
5. Do you have a floor plan or design plot? The more information you can provide, the easier and faster we can serve you. If you are able to provide us floor plans or a lighting plot, which notes locations of power, obstructions, seating, etc., we can help design you an appropriate package.
6. Do you know the equipment? Make sure you give yourself enough time to pick-up, set up, and familiarize yourself with the equipment. Yes, it may mean spending a little more money, but in the long run it saves headaches. When you allow yourself a few extra days, especially if you do not use lighting equipment on a regular basis, you can prevent any last minute problems with facility limitations or equipment learning curves.
7. Do you need help? Never fail to ask questions! We offer training on all equipment we rent and sell. You should never feel uncomfortable

Have a great show!



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Theatrical Gel



LEE Filters

A coated polymeric material. Their pride is in the quality of the product. Many of the colors are available in a "High Temperature" version for longer lasting color.

Sheets 21" X 24" Standard
20" X 20" HT

Rolls 48" X 25' Standard
48" X 13' HT

425000 Swatch Book

Lee Filters also manufactures conversion filters, color correction filters, diffusion media and reflection media. Filters are also available in custom cut sizes for application on building interior and exteriors, lighting for festive colors, holiday and special events. Now also available in Quick Rolls, any custom width standard gel color cut to order from 2" to 46" by 25' long. \$3.75/inch.



ROSCOLUX

The most widely used color filter range in the world. Manufactured using a technology of tri-extruding a color layer sealed between two microscopically thin layers of clear film.

Sheets 20" X 24"

Rolls 24" X 25'

565000 Swatch Book

565997 Designer Swatch 3"X5"

Cinegel—Developed for film but useful in other applications, a wide range of filters for color correction, effects and diffusion. Not all products available in standard sheets.

Sheets 20" X 24"

Rolls 48" X 25'

5652990 Swatch Book

TYPES OF FILTERS

<u>Diffusion</u>	Used to alter beam quality and shadow characteristics
<u>Neutral Density</u>	Used to reduce amount of light without changing color
<u>Color Correction</u>	Colors which adjust the color temperature of the source (lamp) to a match a different one (i.e. tungsten to daylight)
<u>Heat Shield</u>	Used to extend the life of traditional gels and scrolls
<u>Polarizer</u>	Reduces glare and reflection

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Event Lighting

GRAND STAGE

LED Fixtures

1 Week Weekend

Chauvet COLORdash Batten *NOT OUTDOOR RATED*

RGB Batten (3pin DMX)	1 Watt LEDs / 30° beam	70.00	35.00
6 Batten Package		360.00	180.00

Average Throw on 4' centers

Wall Wash	10' - 12'	Power Required /unit - 58 Watts
Color Wash	15' - 18'	Max Daisy Chain 13 Units

Chauvet COLORado Panel

RGB+W Panel	2 Watt LEDs / 15° beam	180.00	95.00
6 Panel Package		1,080.00	540.00

*IP66 Rated / Dust Tight and Water Proof (not submersible)

Average Throw on 4' Center

Wall Wash	20' - 25'	Power Required /unit 106 Watts
Color Wash	25' - 35'	Max Daisy Chain 12 units

Accessories

5' 3 pin DMX	1.00
15' 3 pin DMX	1.50
33' 3 pin DMX	3.00
3M - 5F DMX Adaptor	5.00
5M - 3F DMX Adaptor	5.00
7' IED Power Ext.	1.00
15' IED Power Ext	1.50

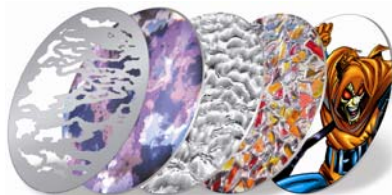
- All fixtures come DMX addressed either to User requirement, same address or sequentially addressed.
- Fixtures or controller may be pre-programmed to User specification for a \$50 fee
- User needs to supply fixture spacing for cable recommendations
- All Chauvet LED products are 3 pin DMX and will require 3>5 pin and 5>3 pin adaptors for integration with most DMX systems



Email Us
sales@grandstage.com
www.grandstage.com



Gobos & Glass



Grand Stage stocks a wide variety of standard steel "B" size gobos from Apollo, Great American Market and Rosco Laboratories. As both the technology of the lamp and the materials for gobos improve, images have gone from simple etchings in pie tins to full color high resolution images. We only recommend glass and dichroics for any next generation ERS fixture. Please call for a catalog today. When inquiring about gobos be sure to know the size and shape you are looking for and the fixture you will use it in.

STANDARD STEEL

The use of steel gobos is one of the most easy and inexpensive ways to add texture and uniqueness to your show or event. They are available in thousands of designs. Whether you are looking for simple clouds, city signs or holiday greetings, you are bound to find something to meet your needs from one of our manufacturers.



STANDARD GLASS

In recent years the more efficient lamps have allowed glass to be used in the "gate" or gobo slot. Glass gobos allow color and shading to become part of the image. Glass also does not suffer from the shorter life span of steel patterns.

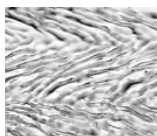
CRUSHED DICHOICS

These multi-colored textured gobos help to achieve effects such as stained glass, abstract leaf break-ups, water and fire. Available in random patterns and fine crushed (with no white showing between colors).



TEXTURED GLASS

These glass gobos are an inexpensive way to create texture within a single beam of light. Available in a number of styles and optional dichroic coating to add vibrant colors to the mix.



PATTERN HOLDERS

Available for Strand SL, ETC S4



Shakespeare, 360Q
1972120/1972130

Strand SL
1972144/1972172



Source4 "B" Size
1972150/1972170



ROSCO UNIVERSAL PATTERN HOLDER

Fits in the iris slot of any SL, S4, Shakespeare and Selecon Pacific ERS fixture. Can hold two glass or steel gobos at the same time.

56815786 Universal Iris Slot Holder

630 W Lake Street
Chicago, IL 60661-1465
(312) 332-5611 p
(312) 258-0056 f

Custom Gobos

Custom gobos grant you, the designer, a boundless palate for creating, molding and shaping with light. From the perfect moon to your corporate logo, custom gobos help personalize your production. Although standard delivery is 4 to 5 days on custom work, faster service is available. We can take artwork in person, via fax and email.



Email your artwork to sales@grandstage.com

After our sales staff is able to see your image they will help you determine what style of gobo will be best for your application.

Before ordering your custom gobos in either steel or glass, be sure to

Are you having a special event, product release, reception or corporate meeting and need help with the design and layout? Let us help. Our staff has helped realize the images and dreams for groups around the Midwest. Look in our Rental Addendum for information on production

MATTE WRAP FOIL

Black foil for manipulating light. Can be positioned with staples, tapes, adhesives, or placed in a color frame. Made from a matte finished aluminum material that masks lights and can be quickly molded into a barn door or top hat. Also good for catching the occasional light spill out the side of a fixture.

12" X 50' 6090912 24" x 25' 6090924

WE ALSO CARRY TAPES, TIE LINE & MORE

Consumable items for all occasions and purposes. These include, gel tape, board tape, spike tape, dance floor tape, gaff tape, gobo tape, double stick tape and Mylar tape.



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