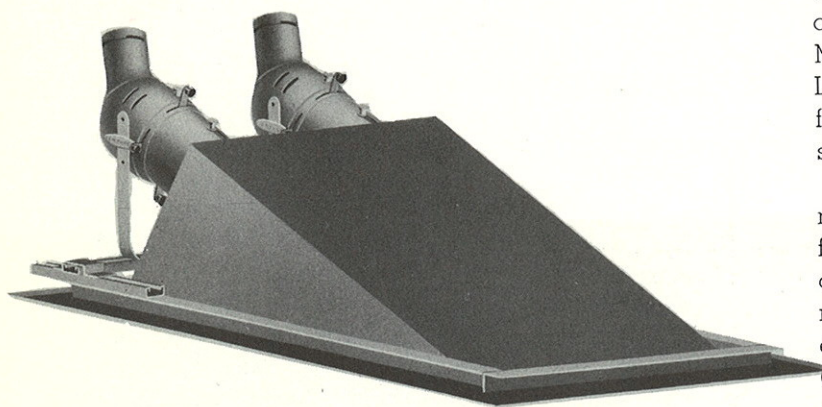


LEKOLITES: RECESSED TYPES



1846

Any of the Lekolites listed in the preceding pages are adaptable to concealed mounting in booths, ceiling slots, balcony fronts or wall slots by means of the accessories shown in the section entitled MOUNTING METHODS. In addition, several of the most popular Lekolite types are available complete with mounting frames all ready to build into a recessed ceiling installation.

They are available in both single and multi-gang models, the latter making it possible to "frame in" different portions of the acting area from one ceiling opening. The performance and features of these models are similar to standard Lekolites as indicated earlier. They come complete with all standard features (except the C-Clamp). The gate mechanism consists of four built-in shutters for fast, positive beam shaping to any quadrilateral or triangular shape.

CATALOG NUMBER	TYPE OF MOUNTING	NUMBER OF LEKOS	SIZE OF LENS	MAXIMUM WATTAGE	TYPE OF ACCESS
1681	ROTATING	SINGLE	6"	750 W	ANY
1680	ROTATING	SINGLE	4½"	500 W	ANY
1650	ANGLED	SINGLE	8"	2000 W	TOP
1690	ANGLED	SINGLE	8"	2000 W	ANY
1649	ANGLED	SINGLE	6"	750 W	TOP
1689	ANGLED	SINGLE	6"	750 W	ANY
1648	ANGLED	SINGLE	4½"	500 W	TOP
1688	ANGLED	SINGLE	4½"	500 W	ANY
1846	ANGLED	DUAL	6"	750 W	ANY
1840	ANGLED	DUAL	4½"	500 W	ANY
1847	ANGLED	TRIPLE	6"	750 W	ANY
1841	ANGLED	TRIPLE	4½"	500 W	ANY
1848	ANGLED	QUADRUPLE	6"	750 W	ANY
1842	ANGLED	QUADRUPLE	4½"	500 W	ANY

For units with two wires plus ground add G to catalog number.

REMOTE CONTROL COLOR CHANGER



These motor operated devices allow the operator to choose any one, or combination, of 4 colors to be placed in the spotlight beam, from a remote control position without having access to the lights. In multiple installations controls can be designed to provide grouping, mastering, and some degree of presetting. These units are factory installed and must be ordered with the spotlight.

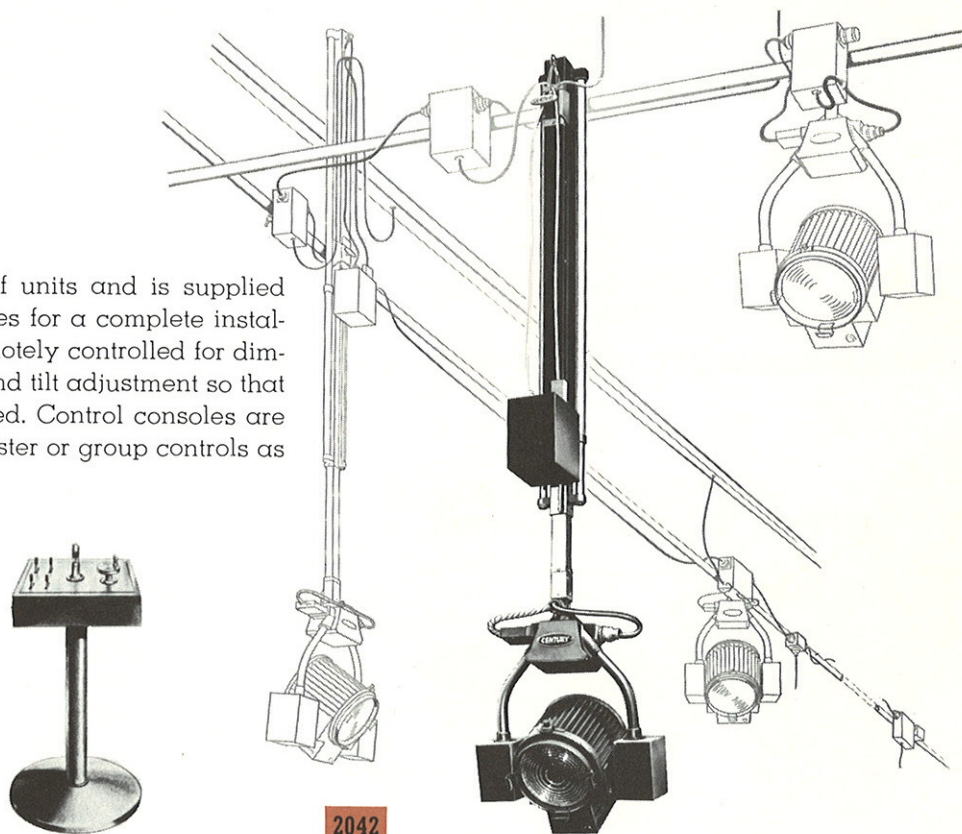
- 2030 With 6" or 4½" Lekolite
- 2031 With 8" Lekolite

REMOTE CONTROL SPOTLIGHTS

Century Lighting manufactures a large variety of remote control devices for positioning and varying spotlight distributions. They are assembled to special order to permit greatest adaptability in each individual installation. These range from an iris Lekolite to serve as a followspot in a night club to an entire system of retractable Fresnelites for swift changes covering an entire performance area. The savings in rehearsal and operational time can effect substantial long range economies in such installations.

CENTROLITE SYSTEM

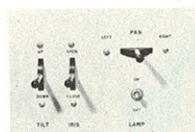
This includes any number of units and is supplied with a grid and wiring devices for a complete installation. Each instrument is remotely controlled for dimming, focusing, height, pan and tilt adjustment so that complete flexibility is achieved. Control consoles are included and can include master or group controls as well as individual controls.



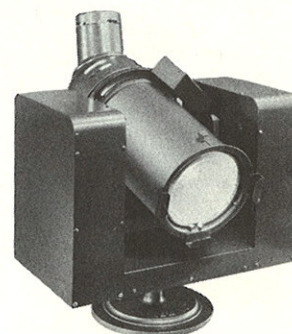
2042

REMOTE CONTROL CARRIAGE

This unit contains motorized drives for vertical or horizontal movement. The iris of the Leko or the focus screw of the Fresnelite may be motor driven for control of the beam spread. Any Lekolite up to 750 watts or Fresnelites up to 8" lens diameter can be accommodated. A control panel is included. Drive speeds are variable and are controlled by the distance the levers are moved.



2053



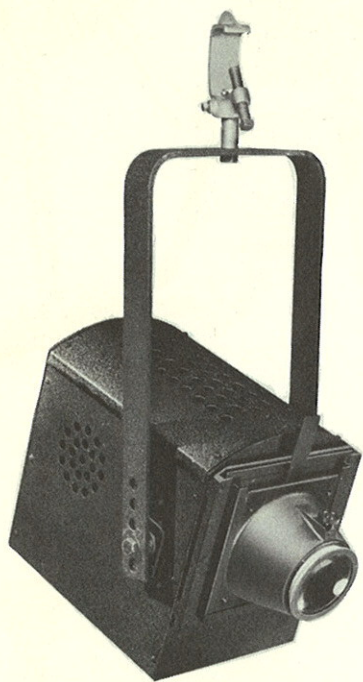
EFFECT PROJECTORS

Scenic effects and projected patterns have long been exploited in the European theatre but to a lesser extent in the United States. True, the larger European stages provide the extra space often required for projecting a convincing effect, but European designers also seem to have the patience and time to cope with the technical problems involved. There is considerable opportunity in this area with the new equipment and methods of staging evolving in this country.

Projected effects for the stage consist of two main types of instruments: the Projection Machine, based on the same optical principles as the simple classroom slide machine, and the Linnebach Lantern which projects color and shadow patterns without a lens system.

Static or moving projected effects can only be artistically successful when the designer and technician understand the limitations and characteristics of methods and available equipment. Sometimes direct rear projection through a large translucent screen which takes the place of multiple painted drops, provides, at a considerable saving, the best means of avoiding shadows of actors and the distortion of the image which must be corrected when front projection is used. Sometimes the simple patterns of the Linnebach Lantern with its blurred colored images are far more appropriate than the precise figures of the optical system of the Projection Machine. Ultimately the choice will depend on the overall artistic and technical considerations of the particular production.

PROJECTION MACHINES



CATALOG NUMBER	WATTAGE	SLIDE SIZE
1174	5000	4" x 5"
1176	2100*	3 1/4" x 4"
1173	3000	3 1/4" x 4"
1172	2000	3 1/4" x 4"

*60 volt unit, transformer included.

For units with two wires plus ground add G to catalog number.

In addition to the 5000 watt Projectorama, Century carries four basic units which are each available with a choice of objective lens systems giving a wide selection of beam spreads. The machines come complete with triple condenser system, heat filter, Alzak reflector, single slide carrier, asbestos wire leads, male connector and yoke and C-clamp, or stand. Automatic slide changers, panorama devices and scenic effect devices are available as accessories.

CATALOG NUMBERS		IMAGE WIDTH TO DISTANCE RATIO	
COMMERCIAL QUALITY	HIGH QUALITY CORRECTED	FOR 3 1/4" x 4"	FOR 4" x 5"
LENS	LENS	SLIDE	SLIDE
4140		1.2	1.55
4141		.9	1.15
	4160	.775	1
4142		.65	.83
4143		.55	.7
	4161	.525	.675
4144		.45	.58
4145	4162	.4	.515
4146		.35	.45
4147	4163	.325	.42
4148	4164	.27	.35
4149		.225	.29
4150	4165	.2	.257
4151		.18	.23
4152	4166	.165	.21
4153	4167	.15	.193
	4168	.14	.18
4154	4169	.133	.17
4155		.1	.13

When ordering, add the desired lens number to the basic catalog number.

PROJECTORAMA

This unit is the most powerful Projection Machine in the Century line. Based on the famed Planer optical system,* it has been refined and improved to provide a high intensity, extremely versatile unit for the most exacting projection requirements.

The optical system consists of a 5000 watt lamp and specular Alzak reflector, heat absorbing filter, three heat resisting condensing lenses, and a choice of either a medium angle, color corrected, anastigmatic objective lens, or a wide angle objective lens.

These elements are mounted in a rugged, well-ventilated aluminum and steel housing provided with dual turbine blowers to cool the lamp and the slide. Mounting rods are built in to accommodate the standard double slide carrier, which is provided with a means for individual rotation of each slide for precise alignment and matching of the projection. Holders for 4" x 5", 5" x 7" and 7" x 7" slides are furnished. In addition, various scenic effects or panorama devices are available as listed below.

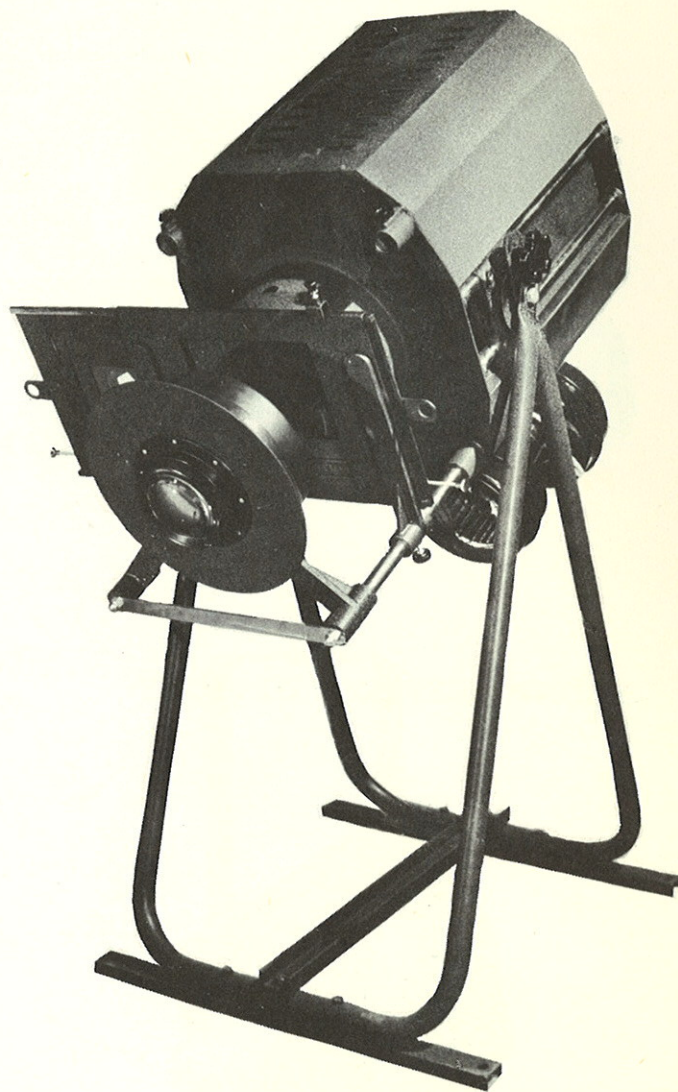
Lamp access is rapid and easy through a large hinged door and a spring tension mounting allows the reflector to be swung out of the way for relamping and then accurately returned to its correct position.

The entire unit is mounted on a sturdy tubular stand, by means of sliding castings, so that it may be moved forward or back to compensate for different weights or positions of effects and objective lenses. The unit is supplied with asbestos leads and male connector.

*U.S. Patents owned by Century Lighting, Inc.

1175-M Medium angle unit. Image = .86 projection distance

1175-W Wide angle unit. Image = 1.5 projection distance



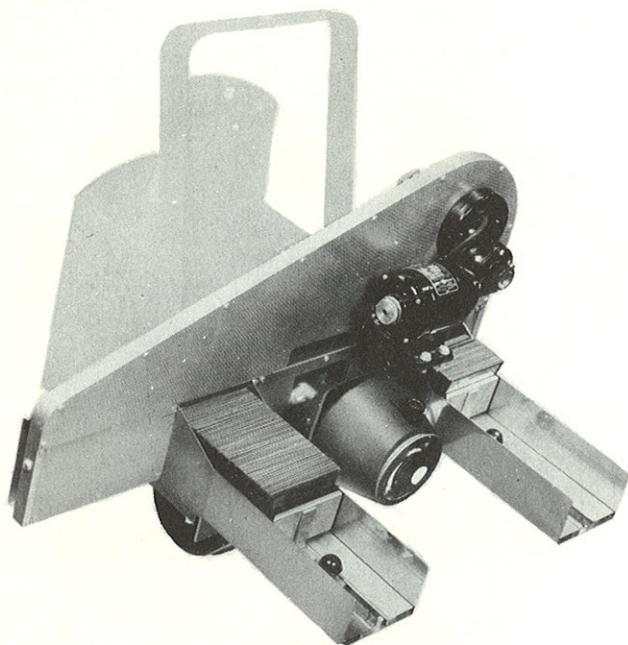
PROJECTORAMA ACCESSORIES

- 2460** Panorama 2-way sliding frames for 5" x 24" slides. Motor driven, variable speed
- 2465** Same as above, except manually operated
- 2464** Remote controlled slide changer, 7 slides 5" x 7"

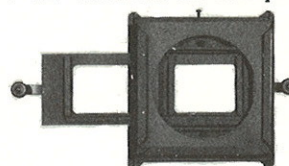
SEE CENTURY LIGHTING DATA SHEETS FOR DETAILED INFORMATION

PROJECTION MACHINE ACCESSORIES

SLIDE CHANGERS



- 2473** Remote controlled slide changer, 70 slides, 3¼" x 4" for 1172, 1173 and 1176
- 2470** Remote controlled, but for 7 slides, 3¼" x 4"
- 2555** 2-way Carrier for 3¼" x 4" slides, for 1172, 1173 and 1176
- 2558** Same, but for 1174
- 2556** Same, but for 4" x 5" slides for 1174 only.

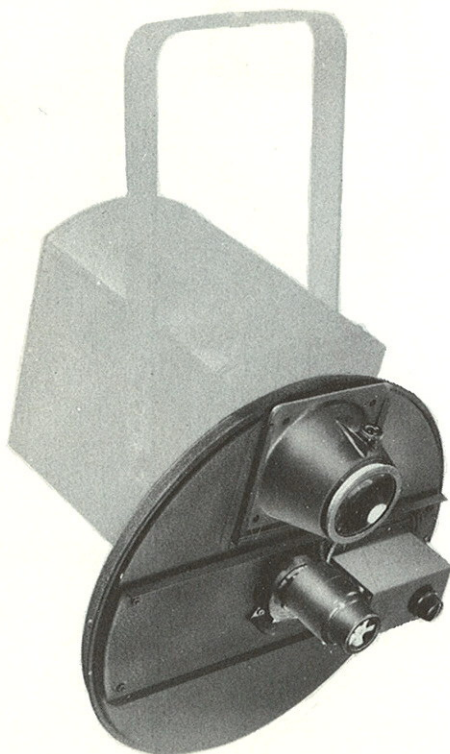


SLIDES

These are specially prepared by Century craftsmen and are available in all sizes: 3¼" x 4", 4" x 5" or 5" x 7" (please note when ordering). Custom slides on any subject are also available to your specifications.

- 2377** American Flag
- 2404** Lightning
- 2431** Rainbow
- 2443** Stars

SCENIC EFFECT DEVICES

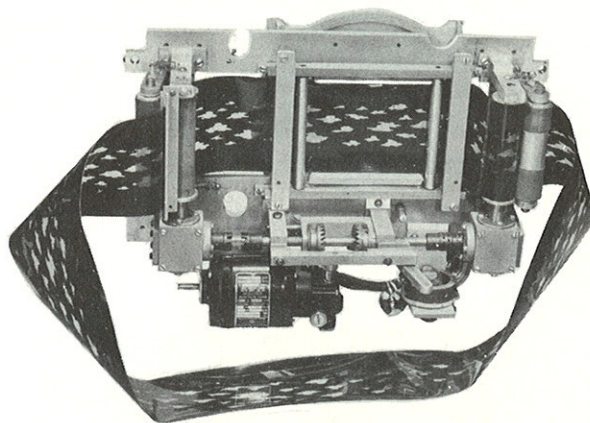


These devices simulate natural phenomena by means of rotating discs, oscillating slides or combinations of both. They are prepared by expert craftsmen and assembled as motor driven variable speed units. They are adaptable for mounting on any of the above projection machines, except 1174 and 1175.

- 2375** American Flag Waving, slide with moving disc
- 2390** Fireworks, bursting shells with falling stars
- 2393** Fire Effect
- 2398** Fog Effect
- 2407** Moonlight on Water Ripple
- 2413** Fleecy Clouds
- 2414** Storm Clouds
- 2418** Ocean Waves
- 2419** Panorama, any subject, single disc
- 2420** Panorama
- 2428** Rain Effect
- 2441** Snow Effect
- 2452** Volcano Eruption
- 2453** Waterfall
- 2454** Water Ripple
- Specials to Order

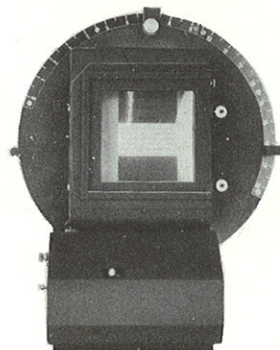
CONTINUOUS FILM STRIP EFFECT (LONG)

This unit is a motor-driven, reversible, variable speed device for projecting any moving effect such as clouds, landscapes, abstract patterns or reading matter. The machine uses a long 4" wide film loop on which the material is photographed, and is adjustable for horizontal, vertical or oblique motion. It can be supplied to fit any Century projection machine with a standard Century objective lens.



CONTINUOUS FILM STRIP EFFECT (SHORT)

This unit is a motor-driven, reversible, variable speed device for projecting certain effects. It works best with wave or fire effects. It can be used for clouds or landscapes under certain circumstances when, depending upon the rate of speed, it is limited to a brief run. The machine uses a short 5" wide film loop and is adjustable for horizontal, vertical or oblique motion. It can be supplied to fit any Century projection machine with standard Century objective lens.

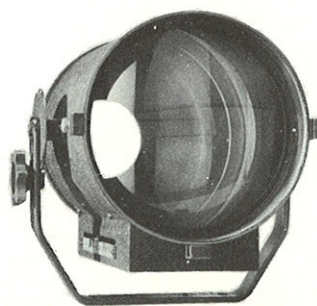


ZOOM LENS

This ingenious attachment is designed to control the image size of the normal 1175 medium wide spread unit. By means of a variable focal length optical system it is possible to reduce the size of the image from full to one half and to keep it in sharp focus. It can be used to give the impression of motion by varying the image size. Or it can be used to adjust the image size to fit the screen. The instrument is available in 2 ways:

2466 Hand operated

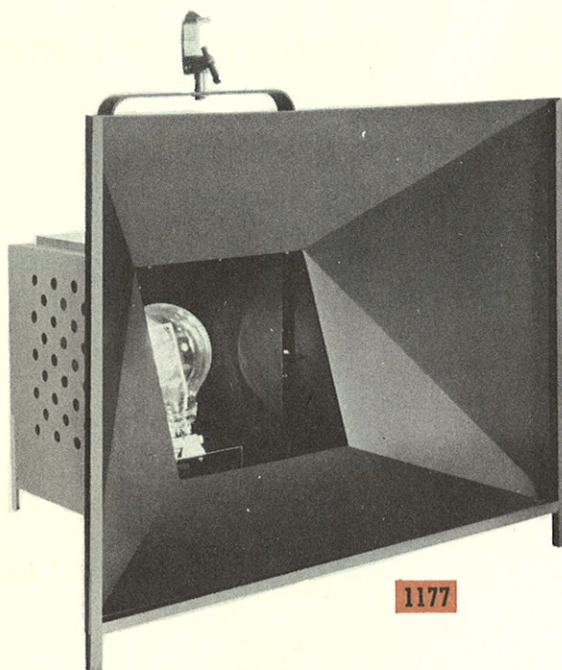
2467 Motor driven, remote control



SPECIAL EFFECT EQUIPMENT

Century Lighting maintains a supply of special effect equipment related to lighting, which is often required as part of a production. In addition to the items listed below we have complete design and manufacturing facilities to develop and build almost any type of custom equipment to meet special needs.

LINNEBACH LANTERNS

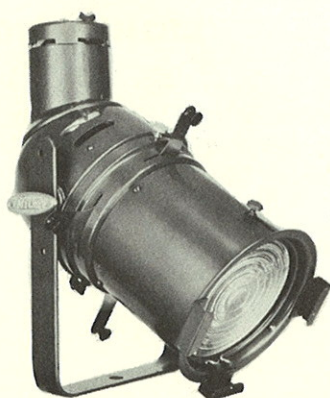


These simple projectors enlarge a cut-out silhouette into a shadow or a color transparency into a soft edged image. They have a very wide angle spread because they create a direct enlargement in proportion to the distance between the small filament source and the big "slide." They often stand on the floor upstage and project their images through a translucent screen from behind.

The units are ruggedly constructed and each comes complete with asbestos wire leads, a two pole male connector and an effect or slide carrier frame.

CATALOG NUMBER	SLIDE SIZE	WATTAGE	SPREAD
1177	41" x 31½"	5000	94° x 72°
1170	20" x 17"	2000	78° x 57°

TEMPLATE LEKOLITES



The Lekolites which are provided with pattern holders and standard patterns as shown on page 30 (also listed on page 33) can also be provided with custom patterns. These can range from simple archway or column effects to highly complicated window and grill work effects.

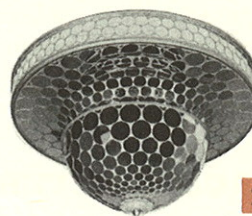
The patterns are precision cut by expert craftsmen. They are available promptly after approval of each special design.

These devices produce the moving spots of light which are so effective in ballrooms. Usually two or three spotlights are aimed at them so that the light is reflected into all parts of the room. They are manufactured with high quality mirrored surfaces and are complete with universal motor, leads and a hanging ring.

2120 30" diameter

2145 18" diameter

MIRROR SHOWERS



2120

This equipment is used in conjunction with special fluorescent paints, make-up or materials, to produce the familiar "Blacklight" effects. The units are supplied complete with mercury vapor lamps, transformers, red-purple filters and cord and plug.

331 100 watt

291 250 watt

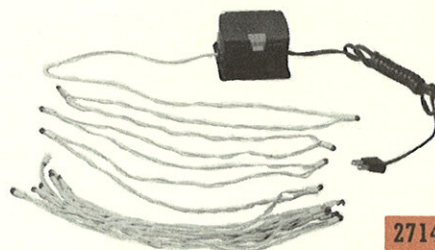
ULTRAVIOLET LIGHTS



331

These assemblies consist of miniature lamps and sockets, individually wired so that one burnt out lamp will not affect the others. The flashing mechanism is designed to produce a random, individual flashing or twinkling. They are custom built to specifications and the proper transformer and plug is included. Please specify arrangement, spacing and quantity when ordering.

TWINKLING STARS



2714

FLASH EFFECT

This is a safe means of producing a flash of light and puff of smoke for theatrical effects. The unit is enclosed in a metal box and is complete with leads and connector and a supply of flash powder. The flash powder is also available separately in 2 oz. cans.

SMOKE EFFECT

This is a safe, fast and simple means of producing chemical smoke on the stage. Unit is complete with leads and connector and a supply of smoke powder.

LIGHTNING EFFECT

These units consist of carbon arc strikers enclosed in a suitable metal hood. They are furnished complete with 35 ampere rheostat, cable and plug, control, and stand or clamp. These units operate on D.C. only.

2705 Lightning Effect, remotely operated

2713 Lightning Effect, manually operated

SEE CENTURY LIGHTING DATA SHEETS FOR DETAILED INFORMATION