



# LiteLab

## Entertainment Lighting Catalogue

For Discos • Roller Discos  
Amusement Parks • Fairs  
Leisure Facilities • Homes

Aug 1979



## **A Few Points to Consider When Studying Litelab Corporation's Disco/Entertainment Lighting Catalogue**

First, take advantage of the thoroughness of product and system descriptions. Study them carefully. You won't find them in any catalogue of its kind. Why? Part of the answer is why Litelab was selected to design and supply the disco lighting equipment for the movie, "Saturday Night Fever":

No one knows as much about the design and application of disco/entertainment lighting as the people who helped bring it to the attention of the world: Litelab Corporation.

Second, read the specs on our award winning controllers, the heart of any lighting system, designed and developed by a team of Litelab's finest engineers:

Litelab's controllers are *UL approved*, a factor so important to the safety and quality of operation of your system, that for so many it's the first consideration before buying.

Third, consider the size and capabilities of a company boasting four sales offices and two manufacturing plants nationwide, with a dealer network presently at 300 plus:

Litelab is committed to the disco/entertainment lighting industry not only in product reliability, sales, system design and installation assistance, but in terms of a great and growing future. We prove our confidence in the industry every day by putting the bucks back in the business to help make it better and better for all of us.

Fourth, recognize that what these pages can't stand up and shout, thousands of satisfied Litelab systems and equipment users around the world will:

For product selection, in-stock inventory, quick and courteous delivery, dealer and end-user assistance, no one comes close to Litelab.

Fifth, consider that it's easy to make boastful claims, but everything we say is backed up in writing—not by us—but by the respected trade publications in our industry and by world renown news journals:

*Lighting Dimensions* featured Litelab in a cover page picture and story entitled, "The Making of Saturday Night Fever." *LD&A* (Lighting Design and Application) covering the phenomena of disco asked Litelab to develop an article on "How to Design and Select the Proper Lighting Equipment When Building a Disco."

And when the *Sunday New York Times Magazine* reported on the incredible growth of disco, they wrote all about the lighting pioneer, Paul Gregory, the President of Litelab and featured Litelab equipment in pictures illustrating the story.

Sixth, be aware that the incredible success and appeal Litelab has enjoyed since it made the transition from a theatrical lighting distributor to a disco lighting manufacturer over four years ago, has done nothing to detract from the down-home, modest personalities of the people on top:

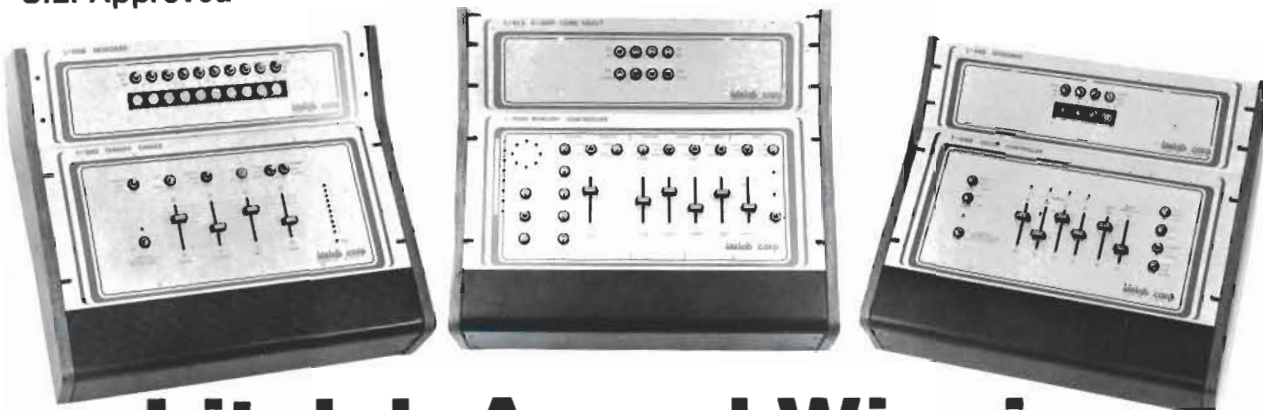
Litelab's President, Paul Gregory and Howard Rheiner, National Sales Manager, (the man heavily responsible for originating Roller Disco), can be found in their headquarters in New York every day, working hard to see that a great industry gets greater and a great company keeps winning your approval.

It all adds up to an assurance of product excellence, courteous sales assistance, design and application information, an enormous in-stock inventory, the convenience of nationwide offices and the confidence you get when dealing with Litelab:

**Litelab—Light Years Ahead.**



**U.L. Approved**



## Litelab Award Winning Lighting Controllers

With Litelab's introduction of the **L-8000** Eight Channel Pre-Programmable Memory Controller, the first lighting controller to provide a pre-programmable memory, and its selection by *Billboard Magazine* as "The Best New Lighting Product," a great tradition was carried forth.

Ever since Litelab had developed the **L-4000** Four Channel Color Controller to create the magnificent effects of "Saturday Night Fever," Litelab controllers have always been regarded as the most innovative, reliable and cost efficient controllers in the world.

Litelab controllers are U.L. approved, a factor so important in terms of safety and dependability of operation, it is often a primary purchase decision.

The Litelab line of controllers includes the **L-1000** Ten Channel Chaser, the **L-4000** Four Channel Color Controller, the **L-8000** Eight Channel Memory Controller, the **L-1600** Sixteen Channel Memory Controller and the **L-6400** Sixty-Four Channel Memory Controller, a unit so sophisticated it is used in the most elaborate discos in the world.

Litelab controllers are used in discos, roller discos, clubs, hotels, amusement parks, and private homes throughout the world. It is estimated that the number of Litelab controllers in the market today far outnumber the total of all Litelab's competitors. The reasons are simple:

### 1. Building Block or Modular System Advantage

All Litelab controllers can be expanded to any number of Litelab power packs without compromising the functions or capacities of the original unit or system design. Since many systems are designed requiring add-on capabilities, the convenience of Litelab's controllers is readily understood.

### 2. Designer & Systems Engineering Advantage

Architects, designers and engineers have found Litelab's controllers ideally suited to many of their complex needs. From Broadway shows to multi-channel touring displays, our standard controllers have been put to use in highly competitive, multi-functional applications. Litelab standard and quality control assemblage assures the end user of the finest possible product time after time. All components that Litelab uses meets the highest standards as set forth by both systems engineers and Underwriters Laboratory (U.L.)

### 3. High Quality/Low Failure Rate Advantage

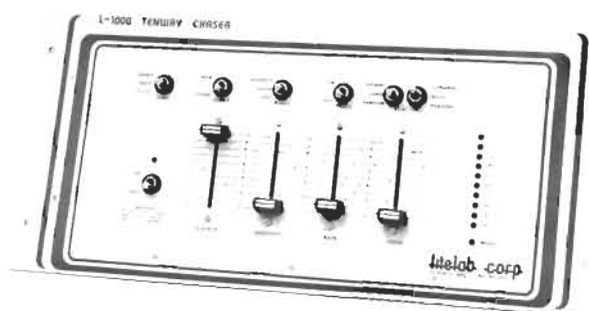
Why ultimately should you use Litelab controllers? Our high quality assures you of an almost non-existent failure rate. Our technical support teams in several locations nationwide assure instantaneous answers to any questions. We back up our promise of quality to you in more ways than one.

After all, who can afford down time when their business lives are on the line?





# Litelab



## Ten Channel Chaser

**L-1000**  
U.L. Approved

The **L-1000** combines the best in electronics with the demanding visual requirements of a sophisticated light show.

The **L-1000** consists of ten channels of 1200 watts each and can be plugged into a standard 110 volt outlet with a power requirement of only ten amps.

The ten channels can be programmed to chase in a 1 through 10 sequence from left to right, combined directions for "Shimmy" and a totally new random mode. In addition, the CHASER features a completely unique sound actuation system consisting of an audio advance and an audio hold program.

Chaser strips consisting of ten sockets (with lamps) mounted in a metal channel are also available to provide the user with a complete chaser system ideal for discos, roller discos, leisure facilities, restaurants and homes.

### FUNCTIONS

The **L-1000** is designed to provide the following functions: Chase, Shimmy, Pause, Random, Music Advance, Dimming, Spin, Music Pause.

### SPECIFICATIONS

- Ten channel, 1200 watts per channel
- All solid state
- Slider pot control of speed, pause, and audio sensitivity
- Audio input fully isolated
- Solid neutral throughout unit
- Lug type terminal strip for solid or standard wire
- Remote Power Pack
- Logic Size 8 3/4" x 19"
- Power Pack Size 19" x 24" x 4"

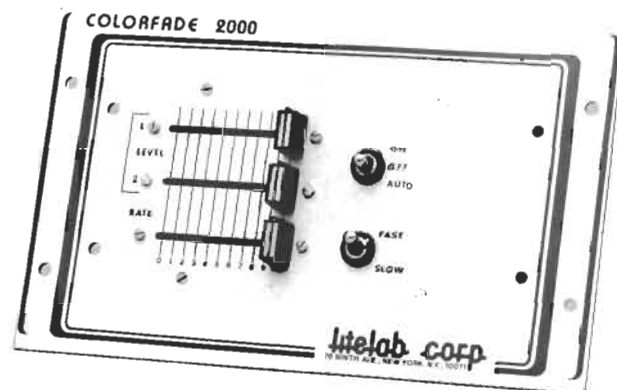
### AVAILABLE OPTIONS

Slaves, Zoners, Load Selectors, Neon Power Pack (Drivers), 24 volt Power Pack (Drivers), Zoner Driver (Matrixed Power Pack)

## Colorfade™ Two Channel Crossfader

**L-2000**  
U.L. Approved

The **L-2000** cross fader is designed to provide a fast or slow (2 second to 15 minute) crossfade between two channels. It may be used to slowly shift color and set mood over a dance floor or seating area of a club. This controller may also be used in a multiple configuration of four or five separate units to execute a slow moving "Light Painting." The light painting uses a variety of approximately 24 fixtures (LPB, L-150, L-200 and L-35) and colors focusing them on a selected wall. Each fixture provides a different pattern of light, some fixtures actually projecting flower or star patterns. By circuiting each group of fixtures to a different channel of the cross fader, and setting each fader for a different duration of fade, a slow moving color painting can be created that will not repeat patterns for several hours. Truly a beautiful attraction.

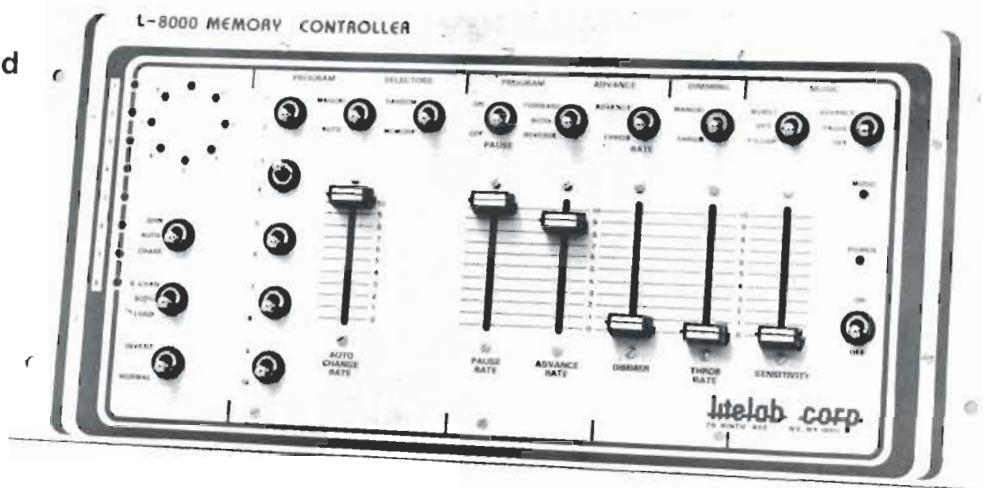


### SPECIFICATIONS

- 1200 watts per channel
- Remote Power Pack
- Slide pot control
- Logic size 10 3/4" x 6 1/2"
- Power Pack size 9" x 7" x 3 1/2"

# Litelab

**L-8000  
L-1600  
U.L. Approved**



## **Eight and Sixteen Channel Memory Controllers**

**Awarded "Best New Lighting Product"**  
—*Billboard Magazine*

The **L-8000** and **L-1600** eight channel and sixteen channel memory controllers are the first of their kind to provide a programmable memory. These dynamic units supply all the necessary controls for

the most versatile light show and are featured in discos, roller discos, leisure facilities and clubs throughout the world. Truly, the standard in disco light controllers today.

### **FUNCTIONS**

The **L-8000** has the capability of containing 32 16-step programs in its memory. These programs may be selected manually (by five binary switches) or automatically advanced. Programs may be advanced sequentially or at random. The rate at which programs are changed is adjustable, as is the speed of the individual program. All eight channels are controlled by a master dimmer.

A unique feature of the **L-8000** is a throb control which will cause the lamps in the display to fade in and out. The throb control may also be used to fade from one step to the next in a particular program

providing a soft flowing effect. The music sensitivity control on this unit features three modes: pause, advance, and burst. As on all Litelab controllers, a directional control is supplied: forward, reverse, or both. The **L-8000** also contains a built-in zoner for matrix operation. Additionally, the power output is separate from the control board which allows placement of power supply near display, minimizing expensive wiring.

The **L-1600** has all the flexibility of the **L-8000** with twice the number of outputs, twice the power and twice as long a chase sequence.

### **SPECIFICATIONS**

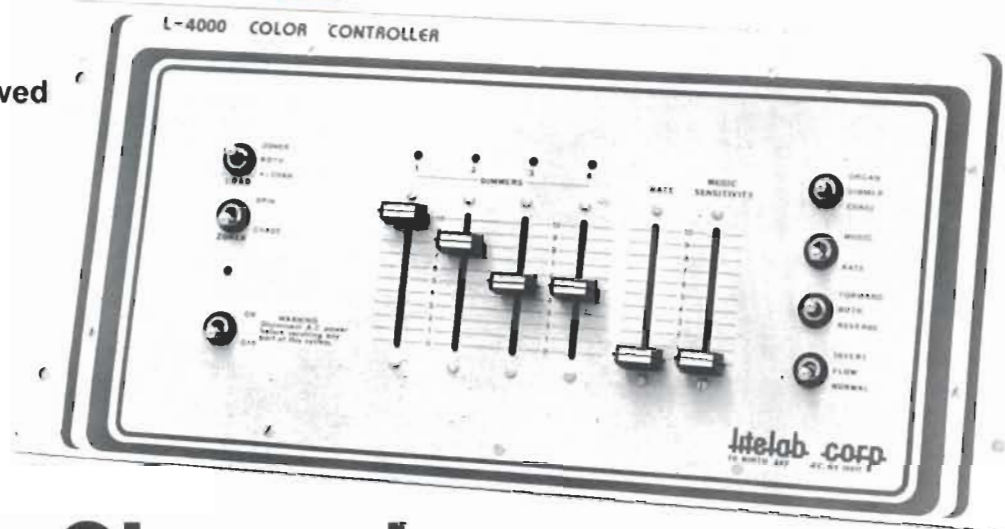
- Eight channel, 1200W per channel
- All solid state
- Slider pot control rate, dimmer, throb, music sensitivity
- LED displays on front panel show program
- Audio input fully isolated
- Solid neutral throughout unit
- Lug type terminal strip
- Logic dimensions 8 1/2" x 19"
- Remote Power Pack 19" x 24" x 4"

### **AVAILABLE OPTIONS**

Neon Power Pack (Drivers)      24 volt Power Pack (Drivers)      Zoner Driver (Matrixed Power Pack)

# Litelab

**L-4000**  
**U.L. Approved**



## Four Channel Color Controllers

This multi-purpose lighting controller can be used either as a COLOR ORGAN pulsating the lights to the beat of the music, a CHASER allowing the lights to flash in sequence, forward or reverse, or as a four channel DIMMER BOARD providing you with slider

pot control of 4,800 watts of light. By producing such a wide range of moods and effects the **L-4000** is the perfect way to add exciting light to your disco, roller disco, club, restaurant, leisure facility and homes.

### FUNCTIONS

- Chase** Operator controlled sequencing with variable speed provides a variety of effects from slow rolling color changes to fast strobing pulses in forward, reverse or both directions.
- Music** In this function the audio is separated into its four basic frequency ranges and converted into flashes of light from the respective channels.
- Dimmer** When placed in the dimmer mode this controller changes to a four channel dimmer board with a capacity of 1200 watts

per channel, allowing you to control the color and intensity of the lighting in your club.

- Audio Chase** This brand new function provides a variable speed chase that pauses to the best of the music.
- Invert** The invert switch reverses the controller's program so that all channels are normally on and are turned OFF to the music or when chasing.

### SPECIFICATIONS

- Four channel, 1200 watts per channel, fused outputs
- All solid state
- Individual slider type dimmers on each channel
- Audio input fully isolated
- Total load capacity 4800 watts, larger units available
- Solid neutral throughout unit
- Lug type terminal strip for solid or stranded wire.
- Logic Dimensions 8 1/2" x 19"
- Remote Power Pack—Dimensions: Zoner 19" x 4" x 4"; Load 13" x 13" x 4"

### APPLICATIONS

The **L-4000** is the ideal controller for Rain light systems, Down Light Systems, and Dance Floors. The simple to operate, individual dimmer controls provide the operator with maximum effects and flexibility.

### AVAILABLE OPTIONS

Neon Power Pack • 24 Volt Power Pack  
Zoner Driver (Matrixed Output)





## Sixty Four Channel Memory Controller

The **L-6400** is truly the "ultimate lighting controller". Designed for the largest and most intricate displays, this controller provides either 64 or 128 individually addressable outputs.

Easily adapted to lighted walls or floors, this newest addition to our line of controllers can create literally any pattern *because it can illuminate each lamp in the display individually*. This allows the operator to spell out the name of the club, or create thousands of geometric and freeform patterns.

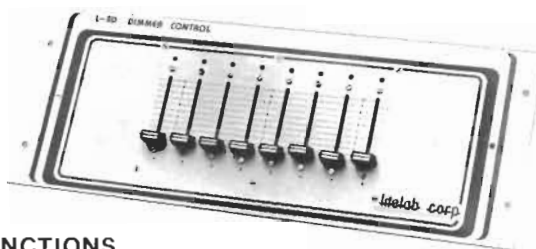


**L-6400**  
**U.L. Approved**

### FUNCTIONS

- 4, 8, 16, 32, 64, 128 step programs
- Automatic Program Selection
- Keyboard Control
- Music Actuated
- Master Dimming
- Invert and Direction Control

**SPECIFICATIONS:** Available on Request



### FUNCTIONS

- Easily handles up to 1200 watts per channel
- L-10DB, L-8DB, L-16DB
- Mounts in minutes to rack or console (size 7" x 19")
- Smooth flow slider controls

## Dimmer Boards

**L-8D**

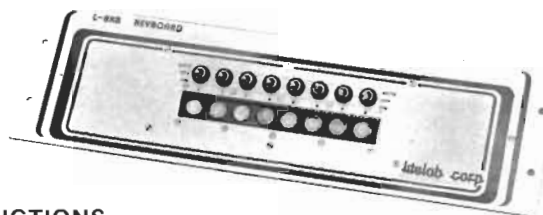
Now you can convert your Litelab 8, 10, or 16-channel controller to a theatrical dimmer board with the addition of a dimmer board module. This unit "clips on" to any new style Litelab controller, enabling you to control the intensity of the effects channel by channel. Your present control panel dimmer becomes a master dimmer to regulate the combinations you select. This controller may also be used with any slave (Load Driver) to provide simple intensity control similar to a standard architectural dimmer.

## Keyboard

**L-8KB**

Expand your present controller with a multi-channel keyboard from Litelab. Now you can actually *play* your light show like a piano to achieve total sound and light harmony. The touch of a finger overrides the program in progress and flashes the channel you select. Individual three-pole switches allow you to choose which channel remains on, off, or in automatic response.

Don't let your disc jockey's talents go to waste! Handle a Litelab keyboard tonight.



### FUNCTIONS

- Pressure-sensitive "keys"
- L-4KB, L-8KB, L-16KB, L-10KB (with or without overload protector)
- Modular design for easy mounting (size 5 1/4" x 19")
- 3-way switch control for each channel



# **The Litelab StARBURST System**

This unique lighting display can be used on the ceiling for an effervescent light show, under a plexiglass dance floor as a radiant starburst, or mounted on a wall as an eye catching visual light show.

Incredibly, (with the magic of a Litelab Controller) the Starburst will change direction, spin clockwise or counterclockwise, or radiate light from its center on out to its perimeter and then chase back toward the middle again.

Chasing lights and spinning colors are two of the essential elements of any club. The Litelab Starburst System incorporates both of these functions in a dazzling display sure to keep your customers enthralled with its beauty and your establishment crowded week after week.

## **A Litelab Starburst System Exclusive**

An exclusive advantage of the Litelab Starburst and Modular Control System is the ability to add a second display on the same Litelab controller. For example, a border perimeter of chaser strips surrounding a Starburst can be controlled along with, or separately from the inside Starburst. Or the Starburst can be mounted on the ceiling with the perimeter of chaser strips mounted around the dance floor. The lighting system operator can run the Starburst in the spin or chase modes, run the perimeter lights alone, or both displays together. These options allow for a wide degree of flexibility and added creativity in the overall lighting design. (See pictures, page 9)

### **The Starburst Systems Include:**

- 7', 13' and 25' diameter 10-sided Starbursts with L-1000Z Controller
- 7', 13', and 25' diameter 20 sided Starbursts with L-1000Z Controller
- 7', 13', and 25' diameter 8 sided Starbursts with L-8000Z Controller
- 7', 13', and 25' diameter 16 sided Starbursts with L-8000Z Controller

### **Optional Features Include:**

- Half mirror ball with motor for center of Starburst
- Chrome Lamps
- Additional chaser strips for Aztec or other Starburst designs
- Full mirror ball for ceiling mount







# The Litelab Rain Light

Utilizing the latest technology available in the lighting industry, Litelab's World Renown Rain Light System provides dazzling shafts of light in a variety of colors creating the ultimate in disco lighting.

By utilizing either the Litelab **L-4000** or **L-8000** Controller as the heart of your Rain Light System, you'll be able to take full advantage of the entire array of effects.

Functioning as a color organ, a chaser and a dimmer board all in one, the **L-4000** is ideal for approximately 48 Litelab LPB's (the pinlight fixture used in the system). The **L-8000** is suggested for use with 64 or 128 LPB's and can be operated manually or automatically to provide thousands of different patterns, music bursts and zoner outputs (Bi-Directional Matrixed Design).





# System

The LPB uses a 5.5 volt narrow beam lamp which throws a thin shaft of light on any surface—a beam of light so defined, that it will appear to be a solid column. Interchangeable color gels provide an infinite number of new looks to any club or entertainment facility.

## EQUIPMENT SUPPLIED WITH THE LITELAB RAIN LIGHT SYSTEMS

### #1

1 L-4000 Controller  
48 LPB Rain Lights  
48 Low Voltage Lamps  
48 Color Frames

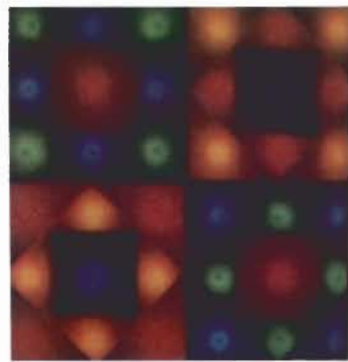
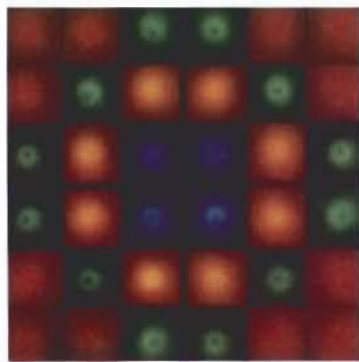
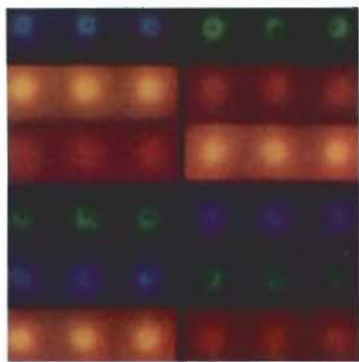
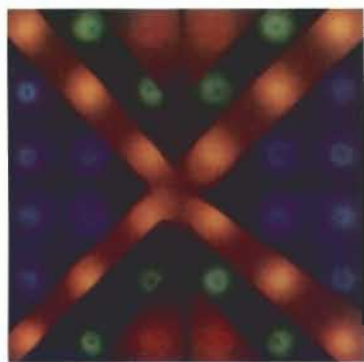
### #2

1 L-8000Z Controller  
64 LPB Rain Lights  
64 Low Voltage Lamps  
64 Color Frames

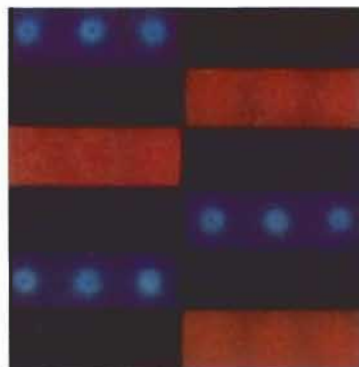
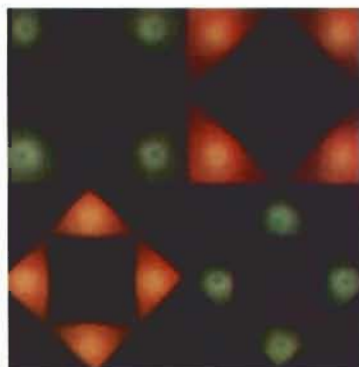
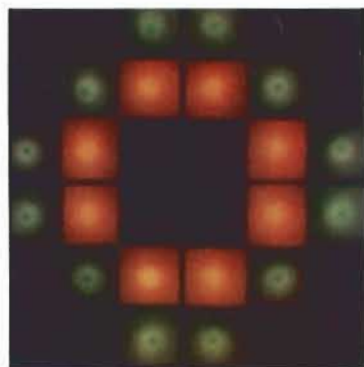
### #3

1 L-8000Z Controller  
128 LPB Rain Lights  
128 Low Voltage Lamps  
128 Color Frames

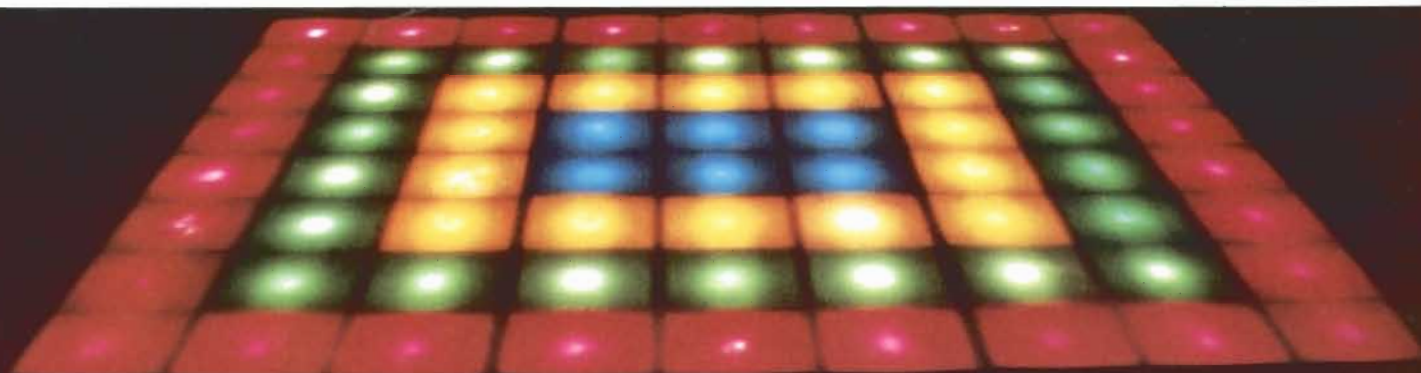
## Wall Modules



## Wall Modules (Partially Lit)



## Dance Floor







## Litelab Wall Module Systems

The latest addition to the line of Litelab lighting displays is this 4' x 4' brightly colored Wall Module—excellent for use in discos, roller discos or amusement parks. Available in four patterns, these attractive panels may be controlled by Litelab's 4 or 8 channel controllers with conventional or matrixed outputs. (See picture, page 12 top)

### SPECIFICATIONS

- Size: 4' x 4'
- Weight: 90 lbs.

## Litelab's Disco Lite 1 Dance Floor

(The exact Dance Floor used by John Travolta in "Saturday Night Fever")

Litelab has created a computerized modular dance floor with all the excitement of a full-sized underlit floor. The Disco Lite 1 is perfect for discotheques that want the effect of a lighted dance floor while conserving space.

The Disco Lite 1 is the only modular dance floor available with a self-contained memory controller. This unique controller (designed specifically for the Disco Lite 1) features all of these functions: **1) Four Channel Chase**—in forward, reverse, or both directions, **2) Music Burst**—the audio volume controls the number of lamps lit in the floor (the louder the music, the brighter the floor). In addition to these programs, three other independent modes affect the display: **1) Invert**—reverses all the functions of the floor, turning the channels off to the music (while in the music mode) and providing a dark band chase (in the chase modes), **2) Constantly Varying Rate**—changing the speed of the chase at random, **3) Skip**—changes the chase sequence from 1, 2, 3, 4, to 1, 3, 2, 4. Additionally the programs are advanced at random, providing a constantly changing variety of patterns.

Unlike other modular dance floors, the Disco Lite takes only minutes to install, not hours. The three 4' x 8' x 6" modules are completely assembled and need only to be placed on the floor and plugged together. Connecting a speaker cable to the sound system and the power cord to a wall outlet completes the installation. (See picture, page 12 bottom)

### SPECIFICATIONS

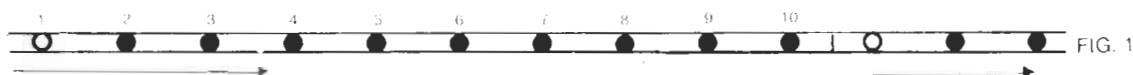
The Disco Lite's construction features an extremely durable translucent thermoplastic surface which will withstand years of use. Frame structures are all made with lumber of construction grade or better. All wireways and lamp sockets are UL listed.

- Dimensions: 4' x 8' x 6" each module  
12' x 8' x 6' assembled
- Power requirements: 115v AC,  
60 cycles 15 amps
- Shipping weight: 225 lbs. each module

### SHIPPED FROM STOCK

Other dance floors are available from 8' x 16' to 16' x 32'. They may be controlled with either the **L-4000**, **L-8000** or the **L-6400** and may be lamped and wired in a variety of different ways. Litelab's engineers will be happy to assist you in designing the right floor for your needs.

## Designer Information



The Zoner module is the latest addition to Litelab's growing line of control equipment. It adds the capabilities of a matrix operation to the **L-4000** controller, the **L-8000** memory controller, or the **L-1000** ten channel chaser, providing a wide variety of special effect lighting.

### L-1000Z

For example, the **L-1000** will control 10-circuit chaser strips by lighting one circuit at a time (Fig. 1). When arranged in the starburst display, the chase looks like Fig. 2. The addition of a zoner allows you to light all ten circuits at a time. (Fig. 3, 4, 5).

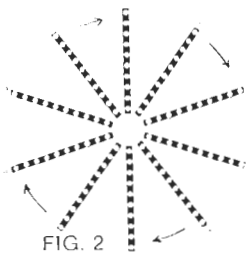


FIG. 2

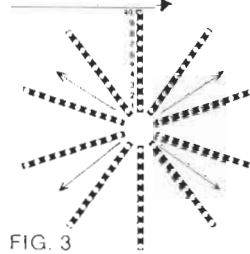


FIG. 3

### L-4000Z

In the chase mode, an **L-4000** controlling a lighted dance floor would look like Fig. 6. The zoner would add the ability to chase "bands" as well, as in Fig. 7.

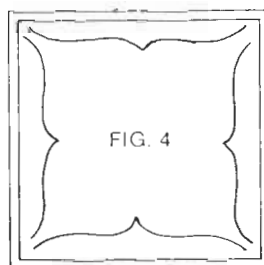


FIG. 4

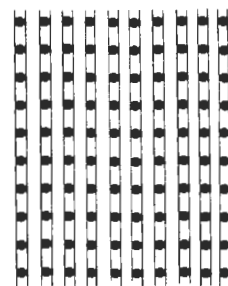


FIG. 5

FIG. 6

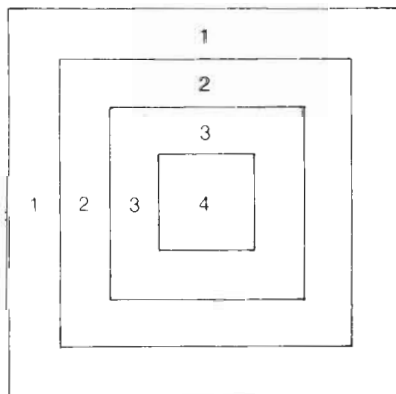
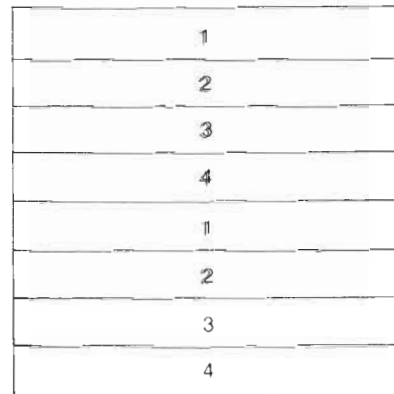
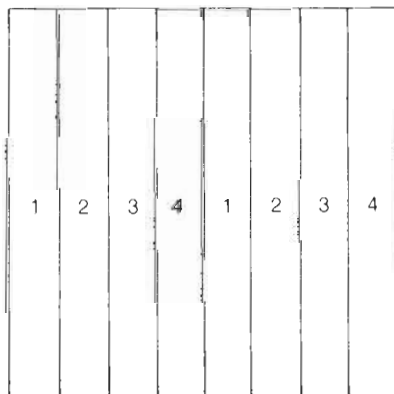


FIG. 7



From these examples you can see limitless other possibilities using the zone module for creative lighting.

### LOAD SELECTOR

A Load Selector (Zoner, Slave or Load Slave) simply provides an additional set of outputs for a controller so it may operate two different displays separately or together. This attachment is often used with a zoner so that a starburst may be placed on the ceiling and a ring of chaser strips suspended around the dance floor allowing the DJ to operate the starburst in the spin or chase modes, use the ring of chaser strips alone, or run all displays at once.





# Chaser Strips

## STRIPS

Litelab chaser strips are designed for use with Litelab multi-channel controllers. All strips are supplied pre-wired and include 11 watt lamps. Wiring harnesses are terminated with snap connectors which virtually eliminate manual splicing. Standard strips are two lengths, 6' and 3', and are wired in the following configurations:

8 CIRCUIT	8 LAMP
4 CIRCUIT	8 LAMP
10 CIRCUIT	10 LAMP
4 CIRCUIT	12 LAMP

## CENTER SPLICE BOXES

Another product developed by Litelab is the splice box. Used to connect the strips of a starburst at its center, this labor-saving device virtually eliminates the 144 wire splice normally required for this dazzling effect. Splice boxes are available in:

8 SIDED	8 CIRCUIT
10 SIDED	10 CIRCUIT
12 SIDED	4 CIRCUIT
16 SIDED	8 CIRCUIT
20 SIDED	10 CIRCUIT

## HARDWARE

Chaser strip accessories include: **End caps** with conduit knock-outs to terminate your installations properly; **Joiners** to connect two strips in a straight line; **Two hole straps** to mount strips to a wall or ceiling without disassembling each strip; **Flange connectors** to connect strips to standard electrical boxes, **60°** and **90°** angles for intricate designs, and complete, easy to understand installation instructions.

# Lighting Fixtures

## LPB



## PIN BEAM

The Heart of Rainlight System  
The Litelab LPB

Excellent with mirror balls, this high intensity pin-spot produces startling effects. Projecting a bright narrow beam of light over long distances, this unit is just the thing to accent the dance floor of your club. Lamp: 25 watt par 46.



## L-65

### 6" ELLIPSOIDAL

Provides a long throw (50 ft.) sharp or soft beam. Perfect for primary stage lighting, or projecting patterns (gobos) on dance floors. Lamp: 500 watt.



## L-30

### 3" FRESNEL

The most compact of the soft-edge fresnel spotlights. Recommended for soft accent lighting. Adjustable for flood or spot focus. Lamp: 100-125 watt.



## L-30P

### 3" PIN SPOT

Optical lens system for accurate beam control. Normally used as a picture spotlight or accent light where no "spill" is required. Lamp: 100-125 watt.



## L-60

### 6" FRESNEL

Provides a high intensity soft-edge beam that is ideal for disco or stage lighting. For throws from 15 to 25 feet. Adjustable for flood or spot focus. Lamp: 250, 500, 750 watt.

## LBL



## BORDER LIGHT

This versatile border light uses 75, 150, or 300W R-40 reflector lamps. Wired for four circuits, available in 6 foot lengths.

## L-35



### 3 1/2" ELLIPSOIDAL

This compact, highly efficient ellipsoidal produces an intense, sharp edge beam up to 25 ft. Available in narrow, medium or wide angle. Lamp: 500 watt.

## L-150



### 150 WATT SEALED BEAM

Most successfully used with L-4000 in medium to short throws as down on accent lighting fixture.



## L-200

### 200 WATT SEALED BEAM

Fantastic with L-8000 or L-4000 where longer throws or brighter accents are needed—major mood light over dance floor.

## QUARTZ FOLLOW SPOT



### SPECIFICATIONS

- quartz halogen follow spot...A/C, 115 volt
- 1000 watt...most powerful built to date
- throw...175 feet
- clear white field of light
- finger tip controls
- built-in color changer with six colors and one blackout douser
- built-in iris and framing shutters
- 18" spot at 175 feet to full stage flood
- maximum ventilation in body, removable door
- easy access for replacement of lamp
- medium bi-pin socket

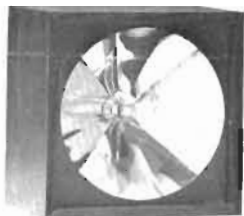
## LQF

LAMPS  
FEL 1000W



# Special Effects

L-1091

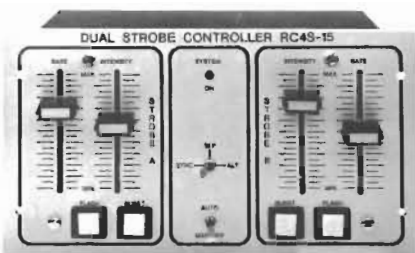
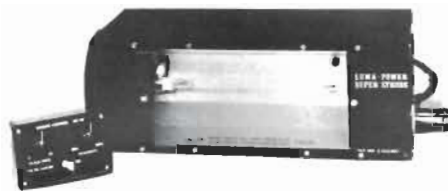


## BOX STROBE

Intermediate size strobe. Perfect for clubs, and small theatres. Covers a 15' area. Supplied with colored gels. Variable speed control. Lamp. CAT #L-1091-1

## Strobes

All solid state circuitry. Remote control for on/off, flash intensity and speed. Heavy duty construction with one full year guarantee on parts and labor (except lamp).



## LSDA CONTROL

Dual Alternate Control. Will provide control over two model 50 or model 15 strobes (please specify) in three selectable modes: Alternately, Synchronously or Separately.

**LS50R** 50 watt/sec. "Super-Strobe" with remote control.

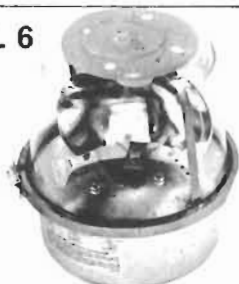
**LS50S** Same as LS50R less remote control (slave only).

**LS15R** 15 watt/sec. "Multi-Flash" strobe with remote control.

**LS15S** Same as LS15R less remote control (slave only).

**PXA44** Spare lamp for all strobes with hardware for direct replacement.

LL 6



## ROTATING BEACON 100 WATT

Attract instant attention with durable revolving color flash—60 brilliant flashes a minute! 100 watt lamp included. H. 9 1/4", Dia. 8 1/2", Wt. 5 lbs. Colors: Red, Amber, Blue, Green, or Clear.

## Beacons

LL 20



## SPINNING DOUBLE BEACON

Beautiful in larger area, the **LL 20** sweeps the room with 4 beams on a horizontal axis while entire unit rotates on vertical axis—twice as nice when used with **LFG**.

LL 12



## ROTATING BEACON SEALED BEAM

This sealed beam unit provides 90 flashes per minute! Placed around a dance floor these beacons can create a new look at low cost. H. 12", Dia. 12", Wt. 16 lbs. Colors: Red, Amber, Blue or Clear.

## Mini Controllers

### 3 CHANNEL COLOR ORGAN



CR-101

A high quality color organ combined with a variable rate strobe. This unit can easily handle 500 watts per channel (1500 watts total) while operating in any of 3 modes: Color Organ, Strobe, or Combination. Individual sensitivity controls and monitor lamps allow you to maintain full performance by remote control.

SAS-101



### 3 CHANNEL LIGHT SEQUENCER

This compact unit allows you to achieve a variable speed chasing light effect at a surprisingly low cost! Up to 1500 watts can dance with or without your favorite music. Individual controls regulate both rate of flash and audio sensitivity.

# Special Effects

## Projectors



**LKP-2**

### EKTAGRAPHIC SLIDE PROJECTOR

One of the most reliable projectors made today. Combined with any of the effects listed below this automatic advancing projector is the work-horse of many Discos. As slides can be easily changed to suit current events, holidays or clientele, this projector has limitless possibilities.

### LPP POLARAMA

The Polarama simulates motion via polarized light. Complete with slides and polarized spinner, this light show really comes alive with movement. May be ordered with projector LKP-2.

### LCP

### COLORAMA

A combination of 81 full color slides and a special rotating color wheel provides you with a never ending selection of pulsating colorful effects. May be ordered with projector LKP-2.

### SOLAR 250

### KINETIC PROJECTOR

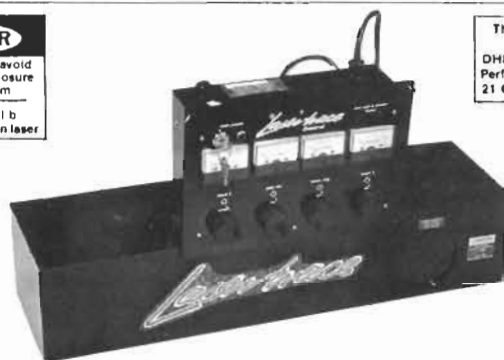
This powerful disco projector utilizes a 250 watt, 24 volt tungsten-halogen lamp, and comes standard with 10 cm or 8.5 cm lens, and a silenced turbo fan. Special attachments slip on the two front mounting rails allowing for a multitude of effects. A twin connector makes it possible to operate two effects at the same time. Special lenses and brackets for ceiling mounting are available upon request.



## Lasers



This Laser Product  
Complies With  
DHEW/BRH Radiation  
Performance Standards  
21 CFR Sub Chapter J



**THE LASERTRACE** produces a spectacular 3-D performance of laser light energy.

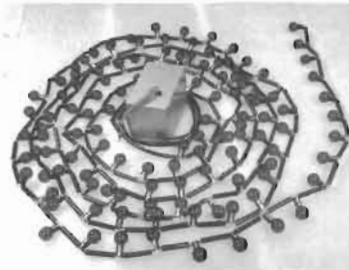
This fantastic new arrival in the lighting industry will draw two and three dimensional geometric patterns on almost any surface; or if light smoke pervades the atmosphere, the entire path of its beam may be illuminated. The Lasertrace patterns are similar to that of a giant spirograph.

Each unit is hand built and precision engineered to the highest standards. The standard unit comes complete with a five milliwatt helium neon laser and a tube life of 10,000 hours.

**LASERS: The Light Energy Of The 21st Century Now Available From Litelab.**

## Chase Lights LC-40

A 40' string of lights wired in three circuits with a mechanical chase control box included. Set consists of 120 ten watt frosted bulbs spaced 4" apart. Ideal for displays, parties, stage, and small clubs. Also available in four circuits and four color for use on the L-4000.





# Special Effects

## Rotators

These low voltage, high intensity units rotate narrow shafts of light at 30 or 45 RPM. The heads are adjustable for angling each beam. 1, 4, or (8) lights per unit. Colored lamps are available. These units are perfect for disco or special effect applications.



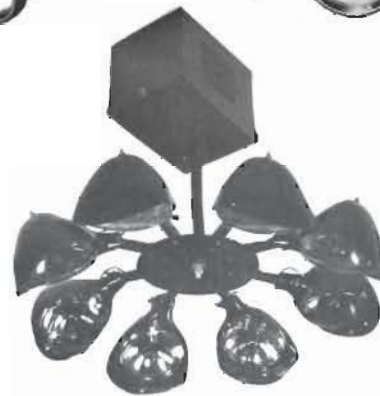
LR1



LR4

45RPM

LR8A



30RPM

LR-0



## The Oscillator

The newest in disco effects, "the oscillator" will slowly pan back and forth across the floor, creating a soothing, slow-moving beam of light. Movable stops allow for 90-degree and 45-degree panning. Many new and unique lighting patterns are now available with this unit.

## Mirror Balls

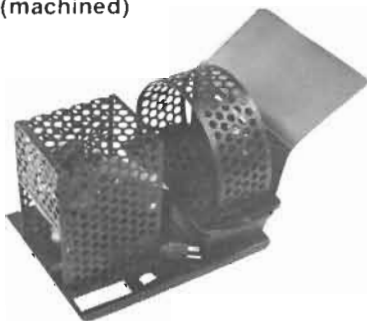
Dazzling shafts of light can be created by using the oldest and most reliable of disco special effects: the Mirror Ball. Clusters of various size crystal balls can illuminate a room with vibrant shafts of radiant light. 12", 16", and 22" mirror balls are standard stock items along with the popular 12" half mirror ball that attractively fits over the center splice box of a Starburst. All mirror balls include a 110 volt motor.



LMB

## Bubble Machines

LBM-2  
(machined)



LBM-1  
(cast)

The bubble machine uses special bubble fluid to produce this all-time favorite effect. It is excellent for use in conjunction with fog machines or mirror balls. Bubbles fluid available.

LFG



## Fog Machine

Produces a low lying fog effect without slippery residue or odor. Equipped with built-in heating element, blower, 6' hose, power cable and on-off switch. Plugs into 15 amp household current. This unit requires dry-ice. H. 36", Dia. 27", Wt. 55 lbs.



# Litelab



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# Litelab

Ideal For Use With  
Low Voltage Tube Lighting  
Including Tubelite, Tivoli,  
Neolights, Micro-Lights

L-4040



## Four Channel Mini-Color Controller

The Litelab L-4040 is a 4-channel, fully automated, push button control unit offering the most functions, capabilities, and features of any controller in its price range.

Featuring Dimming, Direction, Music and Program Controls, the **L-4040** is capable of providing a wide

variety of disco effects with up to 16 functions and over 50 different modes.

Ideal for restaurants, bars, displays and home applications, the **L-4040** is an inexpensive way to capture the excitement of flashing and spinning disco lights.

### FUNCTIONS

The L-4040 provides two different types of dimming patterns.

D1 and INV D1 (invert)—vary brightness normally with dimming slide pot.

D2 and INV D2 (invert)—provide a background silhouette effect. Dimming slide pot should be a mid setting or less for viewing of D2 and INV D2.

**Direction** This mode select controls FORWARD (left to right), REVERSE (right to left), and BOTH program movement on display.

ON/AUTO mode will automatically advance PROGRAM select at a rate variable with MUSIC/AUTO slide pot. MUSIC mode select must be on OFF/AUTO to provide automatic advance. In ON/AUTO only, automatic programs operate, no other modes will operate correctly.

**Music** 3 modes of music activated displays are selectable. Adjustment of MUSIC/AUTO slide pot may be necessary between modes.

BURST—will cause music to turn on channel 1 thru 4 with lower frequencies of audio input. The

number of channels on from 1-4 is proportional to audio input.

PAUSE—will momentarily stop advance with beat of music.

ADVANCE—will speed or slow advance rate with music input.

OFF/AUTO—is used to turn off music and activate auto program advance.

**Program** Three chase programs and fill up (similar to burst) are available.

CHASE 1—is a single light on at a time counting 1, 2, 3, 4.

CHASE 2—is a single light at a time counting 1, 3, 2, 4.

FLOW—is two lights on at a time chasing 1, 2, 3, 4.

FILL UP—is a 1 thru 4 on program in and out.

Any program or mode can be controlled with ADVANCE RATE slide pot. This controls the speed of the chase or fill up.

### FEATURES

- 16 functions, over 50 different modes
- Fully "Burnt In" electronic circuitry for trouble free operation
- Heavy duty grounded A.C. outlets and line cord
- "State of the Art" digital control for all functions
- 1 year limited warranty
- Made in U.S.A.

### SPECIFICATIONS

- Reliable and power efficient CMOS logic circuitry with optically isolated A.C. outputs.
- 2000 Total, 120 V.A.C., single phase (500W per channel)
- 4 amp safety fuses for load protection
- Audio input voltages: Direct for microphone 100 mv for pre-amp 1 v for speaker
- Dimensions: 5½" × 6" × 14"

For additional information contact the Litelab office in your area:

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**CHICAGO**  
114 W. Illinois St.  
Chicago, IL 60610  
312-828-0303



## DISCOTHEQUE LIGHTING EQUIPMENT

NOW OFFERING "TUBE-LITES"

A new and aesthetically pleasing lighting concept,  
for the Buyer who demands high quality.

"TUBE-LITES" can enhance your lounge, hotel lobby,  
stage set, staircase, and spiraling tunnel.



"TUBE-LITES" are manufactured by Litelab of Illinois in Chicago. Contemporary design by our engineers has produced rigid and flexible Lexan tubing. The lamps are rated for 100,000 hours, and "TUBE-LITES" are available in standard 6' lengths. These versatile lites can be attached to walls, ceilings, pillars, and can be combined to form magnificent chandeliers.

Litelab of Illinois can supply you with the technical information and specifications for your individual requirements.

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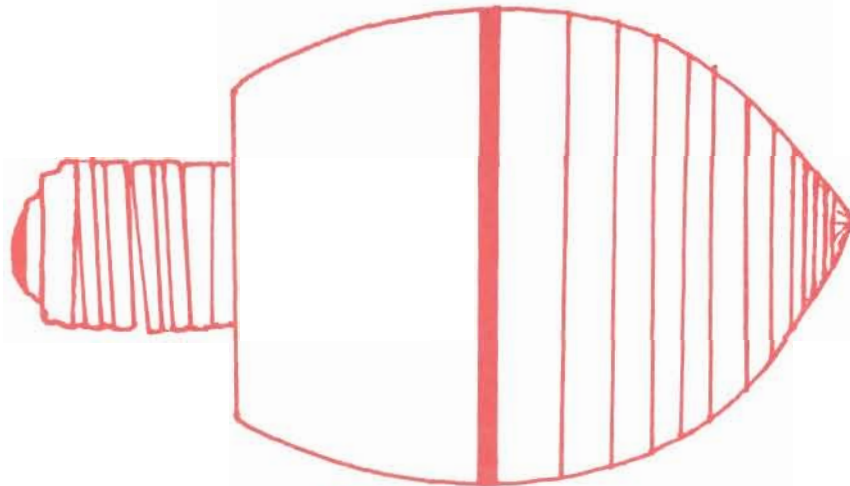




## DISCOTHEQUE LIGHTING EQUIPMENT

SPARKLE STROBE

NEW FROM LITELAB



Actual Size

This new low cost mini-strobe adds sparkle and glitter to any display. The soft strobe effect fires at random and is particularly effective in groups and clusters. The Star Strobe is often used throughout ceiling areas to give a starry effect that does not overpower your audience.

- \* Adds great sparkle to mirror ball clusters
- \* High luminous intensity, long range visibility
- \* Plastic Step Lens may be dipped for tinting
- \* Internal circuitry is "waterproof" against dry ice vapors
- \* Easy installation
- \* Screws into any medium base socket
- \* Dimensions: 19mm long x 73mm diameter
- \* Power requirement: AC 110 v
- \* Weight: 200 grams
- \* Power consumption: 1 watt

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