

**VARI*LITE.
TAKE A CLOSER LOOK...**

We'd like you to see, up close, the advances that make Vari-Lite the leader in automated lighting system technology.

Advances incorporated in our Series 200 — a system that redefines automated lighting.



Dichroic Filter

A FULLY INTEGRATED SYSTEM

The Series 200 system* is an extension of Vari-Lite's fully integrated technology, which has revolutionized the automated lighting industry. We've created a more powerful and sophisticated console. And two new "intelligent" luminaires — the VL2™ spot and the VL3™ wash.

A COMPUTER IN EVERY LUMINAIRE

Because each luminaire contains a high-speed computer, the Series 200 offers a quantum leap in performance. Faster and more precise motion dynamics. Greatly expanded programming options. Enhanced color control.

TWO DISTINCT DICHROIC COLOR SYSTEMS

Each lamp is equipped with the latest in dichroic filter technology, producing colors of extraordinary purity and brightness — many of them unobtainable with any other medium.

Color matches that were once impossible can now be achieved. And because the filters won't burn or fade, true consistent colors are maintained throughout every performance.

The VL2's Dichro*Wheel™ color changing system can access any of over 120 different hues from soft pastels to deeply saturated pure colors in 0.12 second.

With the VL3 Dichro*Tune™ color tuning system, an even broader range of colors is available. Its fully tunable system allows you to gradually dial through the spectrum to achieve the precise color you desire. Any preselected color is available in a fraction of a second.

CUSTOM PATTERNS

Limitless pattern options are possible with the VL2's unique internal "pattern/gobo" system. In addition to 9 standard patterns, our exclusive Vacu*Dep™ process allows you to create your own designs.

Patterns are created by placing a thin reflective layer on glass, making it possible to produce any design you wish. For instance, you can create a perfect circle, free of distracting stencil links — a feat that's impossible with standard metal-etched patterns. Plus, you have the confidence of knowing the pattern won't burn or warp.

PRECISION BEAM CONTROL

Sophisticated technology within each luminaire provides exceptional beam control.

The VL2's precision iris provides a variable beam diameter and the beam can be focused to a soft or hard edge. Thanks to an extremely efficient computer-designed aspheric lens, the beam is projected with a minimal amount of distortion or fringing.

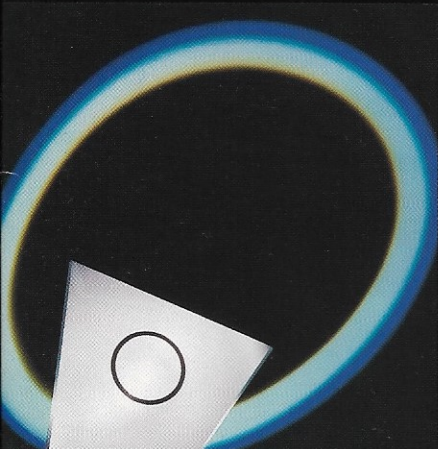
The versatile VL3 wash luminaire uses a custom-designed tungsten source and provides spreads ranging from a collimated ACL-type beam to the coverage of an MFL PAR lamp.

When diffused by an internal set of glass panels, the VL3 produces a Fresnel-like beam with an extremely soft edge.

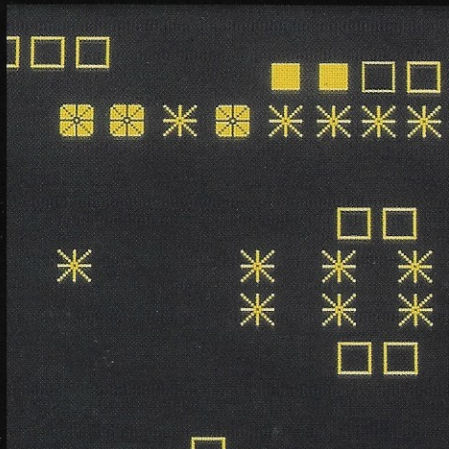
VARIABLE PAN AND TILT MOTION

Pan and tilt functions in both luminaires are silent and accurate to a fraction of a degree. Full 360-degree pan and 270-degree tilt can be programmed with a broad range of speed control options.

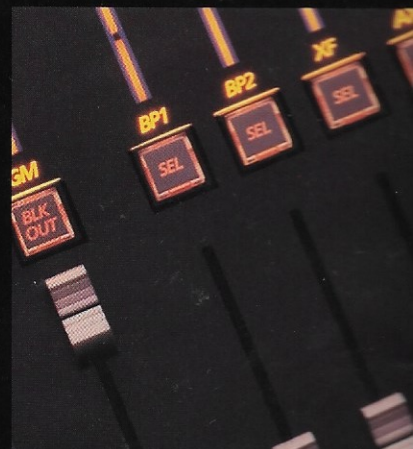
*Multiple patent applications have been filed worldwide covering the various technologies incorporated in the VARI-LITE Series 200™ automated lighting system, including U.S. Patent Nos. 4,095,139 and 4,392,187 and 4,602,321.



Circle Pattern



Touch-Sensitive Screen



Master and Submaster Select

SILENT OPERATION

The VARI*LITE Series 200 system is virtually silent. Engineering advances in cooling and mechanical systems have created an automated luminaire which can operate even in demanding low-noise theatrical situations.

TWO-WAY DIGITAL LINK

The luminaires are linked to the Artisan™ control console with a bi-directional high-speed digital communication link that provides instantaneous response to manual operation or pre-programmed cues.

The location of each luminaire and its operational status — transmitted by the luminaire itself — are displayed on a touch-sensitive screen in the console.

1000 LUMINAIRES; 1000 CUES PER LUMINAIRE

Because each luminaire has its own microprocessor, it's possible to add up to 1000 instruments without diminishing performance.

And, with the ability to store 1000 cues per luminaire — including color, intensity, beam size, edging, patterns, position and motion —

you can create light shows of dazzling complexity. Shows you could only dream of before.

You also have the convenience of storing up to 80 frequently used focus presets. Cues written using these focus presets will automatically update when the presets are altered.

The capability to rapidly adapt a complex show to changes such as height of lighting grid and position of scenic elements is now possible with the Series 200 system.

DURABLE INSTRUMENTS; MODULAR ELECTRONICS

In addition to exceptional performance, the Series 200 has been designed to withstand the most demanding conditions.

The luminaires can function at temperature and humidity extremes encountered in most any environment, including outdoor engagements. And the system can operate on AC power available anywhere in the world.

All active electronics within the luminaires are modular for easy replacement. Efficient maintenance is further supported by a self-test program.

A FULL SPECTRUM OF LIGHTING POSSIBILITIES

The VARI*LITE Series 200 system. Fully integrated. Extraordinary colors. Superior response and precision. A system that offers you total control over the full spectrum of lighting possibilities. A system that demands a closer look.

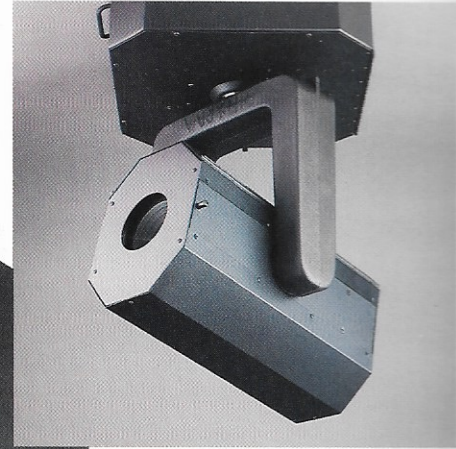
VL2™ SPOT LUMINAIRE

Integrated data and power connector — luminaire can operate on AC power anywhere in the world

Lens-free aperture eliminates glare

Highly-efficient computer-designed aspheric lens with precision positioning mechanism projects soft or hard edge beam

Exclusive Vacu*Dep™ process creates custom patterns that won't burn or warp

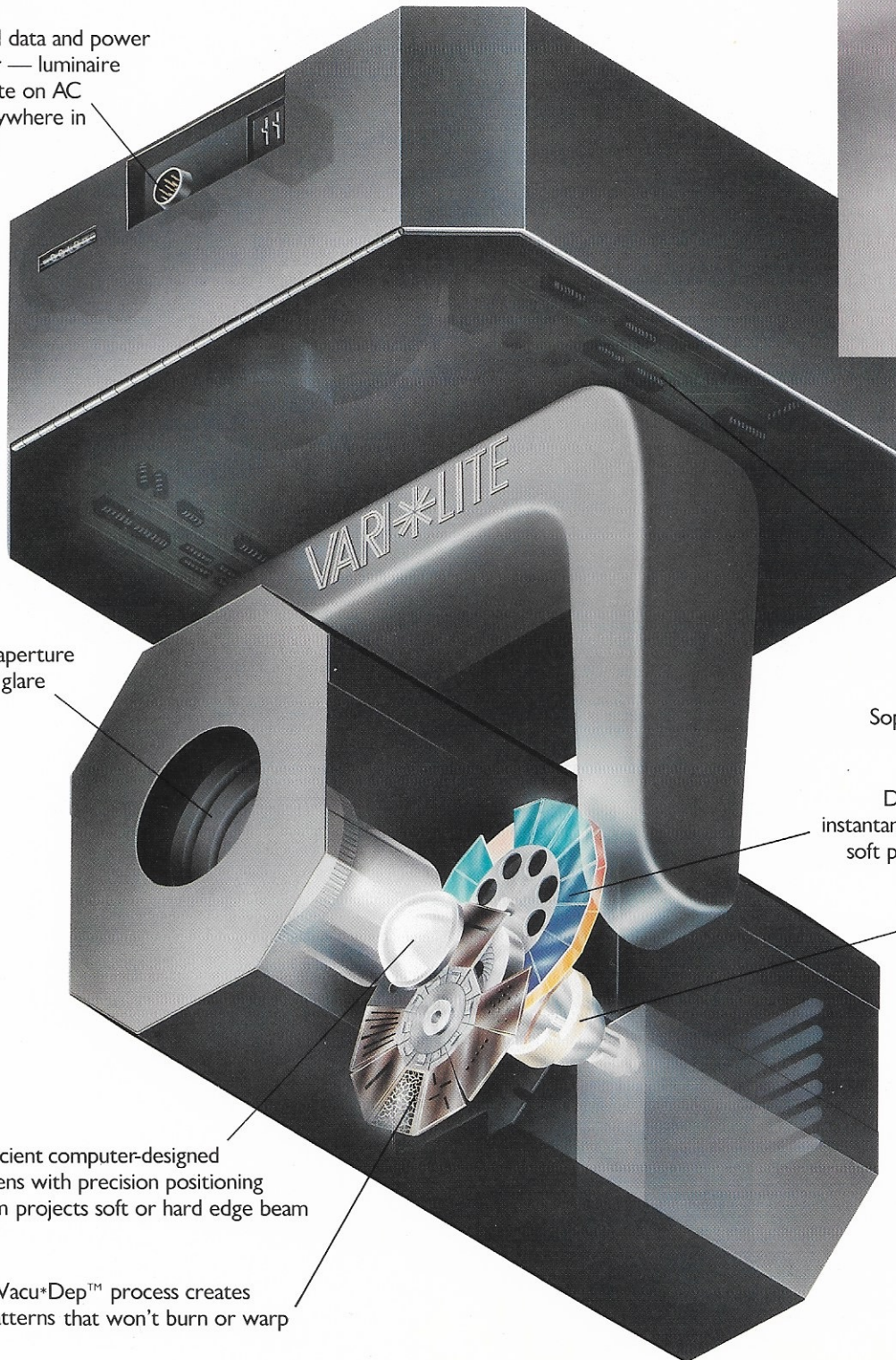


High-speed microprocessor increases speed and precision

Sophisticated electronics permit storage of 1000 cues in each luminaire

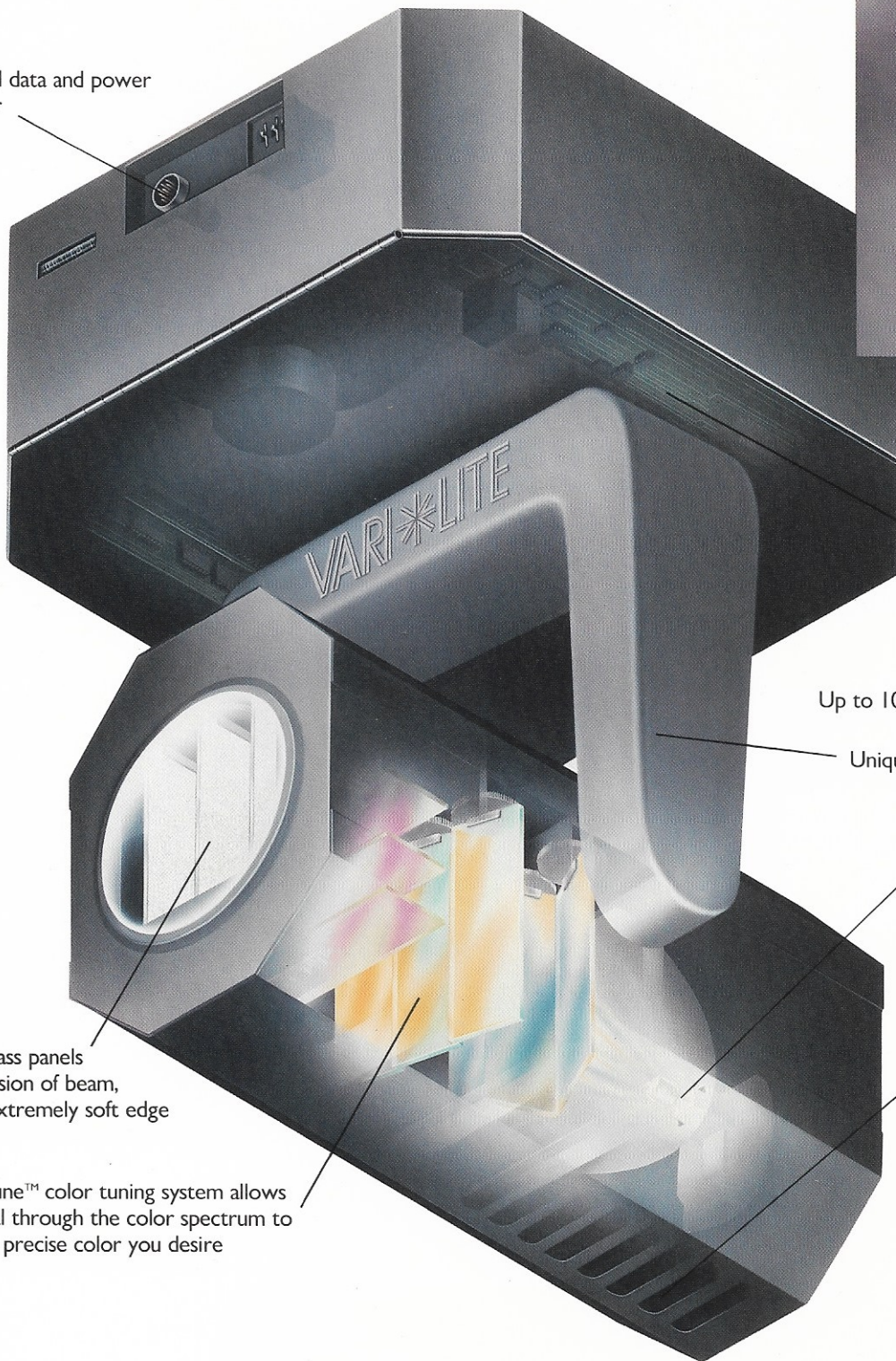
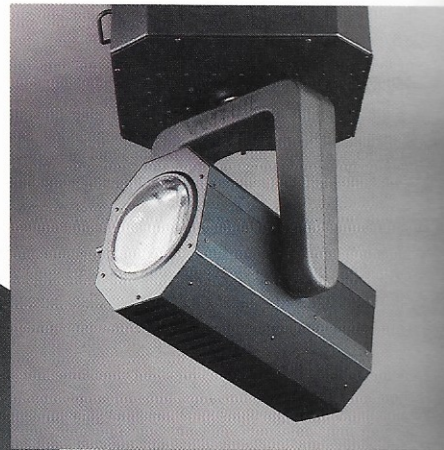
Dichro*Wheel™ color changing system instantaneously produces over 120 hues, from soft pastels to deeply saturated pure colors

Advanced metal halide arc source rated at 250 hours maintains a consistent 5600°K color temperature



VL3™ WASH LUMINAIRE

Integrated data and power connector



Microprocesso

Up to 1000 cues can be stored in each luminaire

Unique cooling system, utilizing a pressurized hollow yoke, operates at a whisper

475 watt, 53V tungsten light source custom designed by Ventura Lighting International

Pan and tilt drives are acoustically isolated to ensure silent operation

Exhaust vents are carefully baffled to eliminate distracting light leak

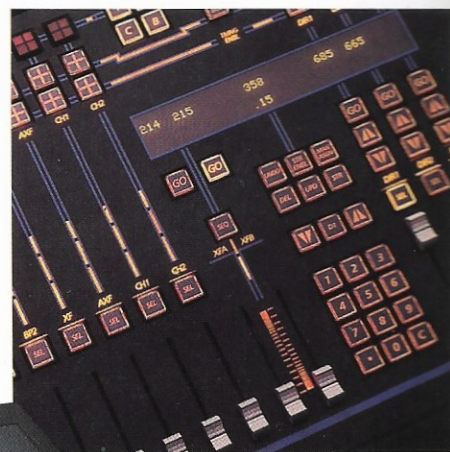
Internal glass panels allow diffusion of beam, creating extremely soft edge

Dichro*Tune™ color tuning system allows you to dial through the color spectrum to select the precise color you desire

ARTISAN™ CONTROL CONSOLE

High-speed, bi-directional digital link
provides instant access to 1000
individual instruments

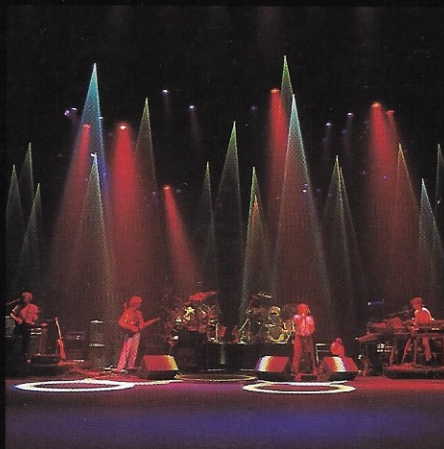
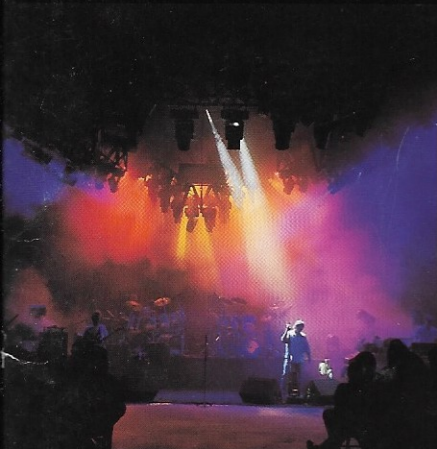
Built-in touch-sensitive screen
displays location and operational
status of luminaires



Variable speed control offers wide variety of
creative options

Instant manual control for all luminaire functions

Disc storage of all programmed cues and console functions



1986-87 Genesis Tour Photography by Lewis Lee

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