Lights! looks at the products that make the "Architectural Focus" programme - a complete integrated system of control and dimming for architectural applications.

ARCHITECTURAL FOCUS

The Strand Lighting programme comprises controls starting with the simplest manual station through preset recordable versions to fully programmable systems.

Accompanying the controls are various configurations of dimmers in two ranges, one to North American standards, and the other to European standards.

The chart opposite is a guide to which product is suitable for locations around the world.

MICROCONTROL™ MANUAL LIGHTING CONTROL

For the simplest lighting control requirements in meeting rooms, lobbies, bars or restaurants, Microcontrol Stations provide manual slider control for up to 12 lighting channels allowing lighting to be subtly balanced; with a Master slider providing overall control. Pushbuttons give instant full-on or off and all pushbuttons act as "Take Control", exchanging control between stations in the same area. Entrance stations allow the On, Off and Manual slider functions to be selected locally to provide control points where they are needed. Microcontrol operates a 0 to + 10 volt analogue control for remotely located dimmers.

OUTLOOK™ MANUAL & PRESET LIGHTING CONTROL

New from Strand is Outlook which expands the capability of slider control by the addition of recorded preset scenes. The Outlook range of control stations include sliders for manual control, pushbuttons for recall of preset lighting scenes, and sliders with pushbuttons for recording levels for future recall.

Accessories include wireless Infra-Red Remote Control, an Audio/Visual Interface for lighting control from external equipment, and Room Combination Stations for room partitioning - a feature not usually found in such an economical system. Each system can control up to 16 Rooms, with a choice of 3, 6, 9 or 12 control channels per room with 8 Presets, plus On and Off. As a protection against unauthorised alteration of a recorded scene,

Microcontrol control stations.

Electronic Fluorescent Ballast Controller.

Outlook control stations.

Premiere control stations.

Outlook has a useful "lock-out" facility.

Outlook stations access, modify and recall the lighting scenes stored in Strand System 6, Digital Environ 120V dimmer cabinets or LD90 220/240V digital dimmers through a common data network. This minimises cabling and installation costs, making Outlook a very powerful mid range architectural lighting control.

PREMIERE™ PROGRAMMABLE LIGHTING CONTROL

At the top of the range, Premiere is probably the most advanced, flexible, yet simple to use lighting control system available. Recent installations include hotels, conference suites, theme parks,
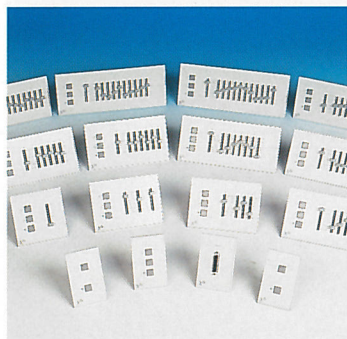
museums, atria, restaurants, shopping malls, ballrooms, retail outlets and cruise liners. With over 30 versions of control station, functionality can be programmed to meet the customer's specific needs using Premiere's Off-line PC based Configuration Software with library storage using a 3.5 inch disc drive.

The Premiere Processor supports up to 64 control stations, 32 rooms - each with 128 programmable lighting presets, programmable fade times from 1/10th second to 9 hours and up to 512 dimmers with comprehensive patching.
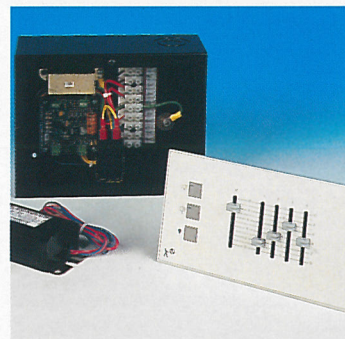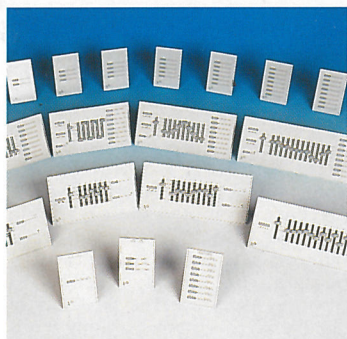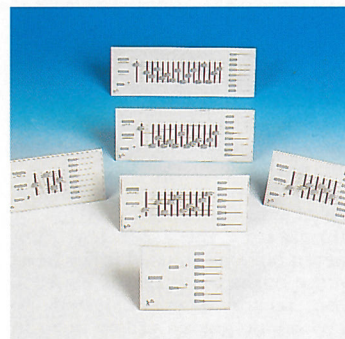
An astronomical time clock, with sunrise and sunset offset and time clock events programming for up to 600 single or repeated events provides automatic lighting sequences and effects for dynamic lighting. Even macro functions can be programmed for the execution of multiple commands.

SYSTEM 6

System 6 is a compact, economical wall mounted dimmer cabinet with 6 x 15 Amp or 6 x 20 Amp dimmers suitable for incandescent or inductive loads. Switch options configure dimmers 5 and 6 as non-dims for switching external equipment, or combine them for dimming cold cathode, neon or fluorescent loads.

System 6 accepts analog 0 to + 10 volts for use with Microcontrol or Premiere (via an appropriate demultiplexer) and Digital Network Control for use with Outlook.

EFBC™ ELECTRONIC FLUORESCENT BALLAST CONTROLLER

The Electronic Fluorescent Ballast Controller (EFBC) is a self contained wall mounting interface for the Advance MkVII h.f. Ballast used for dimming a wide range of linear and compact fluorescent lamps. The EFBC controls up to 40 such ballasts from a 0 to + 10 volt dc analog control signal from Microcontrol stations or LD90 / Digital Environ Processor.

DIGITAL ENVIRON

Digital Environ is a versatile modular dimming system for architectural or entertainment applications. Cabinets have up to 24 dimmers with single, dual or quad Power Modules for incandescent, inductive, fluorescent and non-dim loads. The Digital Environ Processor (as with the LD90 Processor) has a keypad