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The front cover contents list gives the first page of the product type. e.g. turn to Page 5 for the start of the 'spotlights' section. A complete product name index with page references is provided on page 55.

PAGE TITLE

The page header is colour coded to indicate the general area of application (eg. Studio & Location Luminaires) and carries a description of the type of products on that page.

PRODUCT DETAILS

The product benefits are listed, plus a coded summary specification - see Guide to Symbols and Abbreviations on this page.

LOCAL PRODUCT OPTIONS

Items supplied with the product are indicated in the text. Please note that most theatrical luminaires are supplied in one of two formats: 230V includes a 220/230V lamp and European Schuko plug; 240V includes a 240V lamp and 15A plug. Appropriate accessories for that product are also listed and should be ordered where required.

ACCESSORIES

Accessories are optional additional items which may be required for the product described. Items supplied with the main product (eg. a lamp or colour frame) may also be listed as accessories to enable replacements to be ordered, but are described as "additional".

LIGHTS!



A GUIDE TO SYMBOLS AND ABBREVIATIONS

A coding system is used in this catalogue to give a summary specification of each product. The full list of the symbols used is as follows:

General

V	Supply voltage
A	Current rating in amps
W	Weight of product
L	Overall dimension of product
P	Packed weight
V	Packed volume
✓	Compliance with international standards
CE	Indicates certified to conform with all relevant EC directives
i	Three digit reference to the appropriate data sheet
★	NEW in this catalogue

Luminaires

W	Watts (maximum recommended)
◀	Beam angle (Half-peak angles for Fresnels and PC's. Cut-off angles for profile spotlights).
◀▶	Throw (usual working distance from subject in metres).
*	Illuminance (maximum Lux at throw distance stated with lamp recommended or supplied).
⊕	Gobo (pattern) size. A = 100mm dia., 75mm image dia. B = 86mm dia., 64.5 image dia. D = 53.3mm dia., 40mm image dia. E = 37.5mm dia., 28.13 image dia. M = 66mm dia., 49.5mm image dia.
Y	Colour Filter Cut Size
EFP	Electronic Field Production
ENG	Electronic News Gathering
SE	Single-Ended 'Daylight' Lamp
DE	Double-Ended 'Daylight' Lamp
TH	Tungsten Halogen

Suspension and Stands

⊕	Safe working load (SWL)
⊗	Studio height
◊	Extended height
⊗	Closed height

Controls & Dimmers

≡	Number of channels
▶	Number of dimmers
⚡	Number of submasters or faders
⌚	Typical memory capacity
☑	Plan dimension (footprint), ie. the desk or floor area required
▶	Control protocol between desk and dimmer or other equipment

Analogue: A dc signal where the voltage is directly proportional to the intensity of light. Typically 0V is off, and 10V (either + or -) is full on.

- MUX: Abbreviation of multiplex where dimmer levels are transmitted sequentially along a single cable. Several different signal protocols exist:
- DMX: USITT DMX512 Digital multiplex standard (512 dimmers/scrollers per cable)
- AMX: USITT AMX192 Analogue multiplex standard (192 dimmers per cable)
- D54: Strand European Analogue multiplex standard (384 dimmers per cable)
- PALS: Strand Lighting Standard for PALS automated lighting equipment and Colour Call scrollers (249 units per system)
- SWC: System Wide Control. For direct communication between digital dimmer processors
- DNC: Digital Network Control. For Outlook range of architectural control stations.
- SMX: Strand Multiplex for high speed bi-directional transmission of dimmer status data
- MIDI: Musical Instrument Digital Interface to link lighting controls together, or to music synthesisers
- MSC: MIDI Show Control
- Ethernet: International standard for high speed communications network protocol, cable and connections

Strand Publications

Lights! is the informative international magazine for everyone interested in creative lighting for entertainment and architecture. *Lights!* talks to leading lighting designers and directors in stage, television, motion picture and architecture, reviews developments in technology and products and looks at projects and applications from around the world.

To receive your own personal copy of the Strand Catalogue, a FREE copy of *Lights!*, or to request any other information, contact your local Strand Distributor or complete the form on Page 55 and send to your nearest Strand Office (Details of these are listed on Page 55).

Strand on the Internet

An ever growing amount of information on Strand's products, services and publications are appearing on Strand's Home Page on the World Wide Web. For the modest cost of a local phone call, why not browse through this wealth of information. The World Wide Web address is: <http://www.strandlight.com>



The Strand Lighting Catalogue will soon be available (Spring 1996) with interactive capability on CD ROM. Just click on the product and the relevant data sheet will be called up on the screen to provide detailed specification information. More immediately, electronic access to data sheet information can be provided on a series of 3 1/2" diskettes. Consult your Strand Dealer for availability.