

# THE STRAND CATALOGUE

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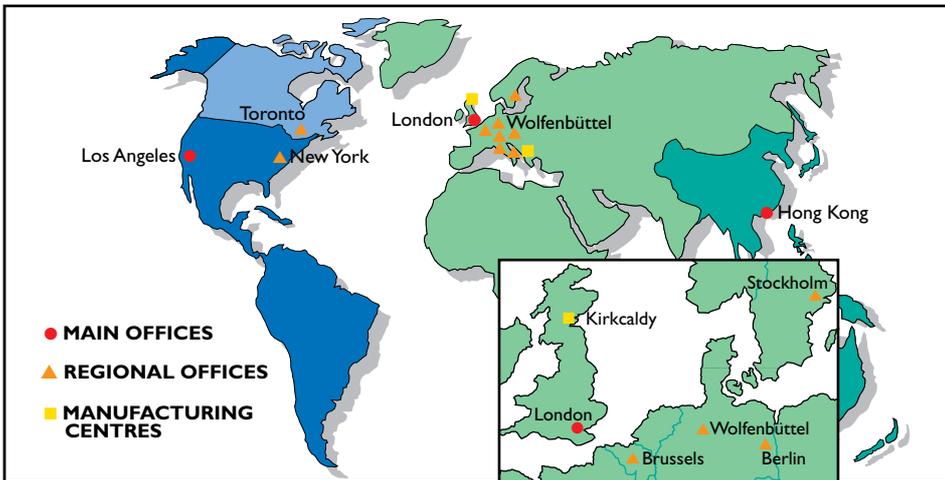
1996



Strand Lighting

Welcome to the 1996 Strand Lighting Catalogue. Strand Lighting continues to offer the world's most comprehensive and competitive range of lighting instruments, dimming equipment, control systems and software to answer the creative needs of lighting designers working in theatre, television, film and the themed environment.

Unique in the breadth of its operations, Strand Lighting serves the world across three geographic regions. The European region, headquartered in London, has offices in Rome, Wolfenbüttel, Berlin, Munich, Brussels, Stockholm and serves all of Europe, the Middle East, Africa and the Indian sub-continent. The Americas region has its headquarters in Los Angeles and with offices in New York and Toronto serves the United States, Canada and Latin America, while the Asia/Pacific region is serviced from Strand Lighting's office in Hong Kong. Each region works closely with its local network of dealers to ensure the most extensive distribution of products and services in the entertainment lighting industry.



As the creative demands of entertainment lighting continue to expand, Strand Lighting has once again responded with a series of new product introductions demonstrating a commitment to providing lighting solutions matched to the scale and complexity of the application: the latest generation of software based control products ensure that as users' needs grow and new facilities are added, systems can be easily expanded to accommodate them, protecting the value of the original investment; digital dimming systems bring enhanced flexibility; low energy studio lighting answers many of the economic needs of the modern small television studio. From the simplest to the most advanced, for theatrical, television, film or the themed environment and whether installed or portable, solutions will be found for all these applications within this 1996 Strand Catalogue.

Backed by its world-wide network of dealers and service providers and with its experienced project planning teams, Strand Lighting has a proven record of sales support that others seek to emulate and which ensures that customers can invest with confidence.



**Strand Lighting**

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- THEATRE
- TELEVISION
- FILM
- LOCATION LIGHTING
- ARCHITECTURAL
- THEME PARKS & LEISURE
- EDUCATION



FM 20534

PROFESSIONAL LIGHTING AND SOUND ASSOCIATION



**EC90 Supervisor P50**  
 Latest development of Strand's high specification EC90 digital dimming, now with Reporter option for status reporting on a wide range of dimmer functions.



**Hyperbeam P14**  
 Two models of automated lights with a big range of functions now controllable from 430, 530, and 550 desks, loaded with Tracker software.



**Toccatà EP P14**  
 Strand's new projector for moving effects and slides now increased to 2500VV with a big boost in light output and additional effects discs.



**Videolux P30**  
 A comprehensive range of low energy, high efficiency lighting instruments for the small television studio.



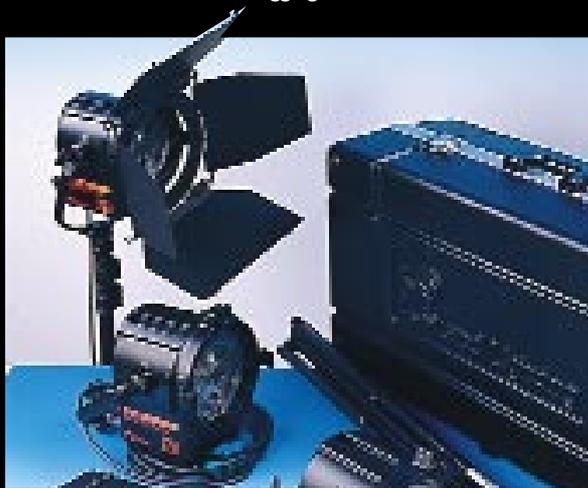
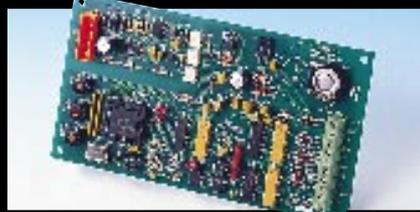
**Silver Bullet 12K & 20K P24/29**  
 Daylight 12K and incandescent 20K fresnels bringing superb performance coupled with light weight for easy rigging.



**SuperQuasar 60 P21**  
 This 6000W HMI Parlight has awesome performance and is even more incredible for it's amazing light weight.

**Electronic Ballasts P25**

Dual wattage operation in all but the 200EB brings more flexibility to this range of flicker free electronic HMI ballasts.



**Portable Lighting Kits P20**

With the introduction of the Bambino 650, the range of portable lighting kits has been completely revised.



**Premiere Network Manager P46**

A software package enabling networking of up to 15 Premiere architectural lighting systems and up to 480 rooms.

**Outlook Digital Network Interface P47**

Creates even more opportunities for Outlook architectural lighting control stations by interfacing with other dimming systems.



**New Software P41**

New operating and application software packages for Strand 430/530/550 including automated luminaire control. Also enhanced versions for GSX & LBX software.



**Strand 430/530/550 P40**

Separate upgradeable software and increased capacity from Strand's latest generation of control consoles.



**SN100 P44**

The deceptively simple looking SN100 opens new horizons for distributed control as a multipurpose Ethernet node.



**Bambino 650 P26**

The long awaited 650W addition completes Strand's highly versatile compact location 'Bambino' fresnels.



**Supernova 200i P22**

Hot on the heels of the Bambino 650 comes it's daylight 200W HMI adaption with built in electronic ballast giving trouble free rigging.



**Barrel Trolleys P36**

Providing lateral repositioning of luminaires, pantographs and lightscoops on Hoists, SuperRig and other barrel grids. New cast aluminium design for higher working load limit.



**LD90 Touring P54**

Bringing high quality and reliable dimming to touring and to temporary applications.

## INDEX

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".

## 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
□	Overall dimension of product
Ⓜ	Packed weight
Ⓜ	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.
∩	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.

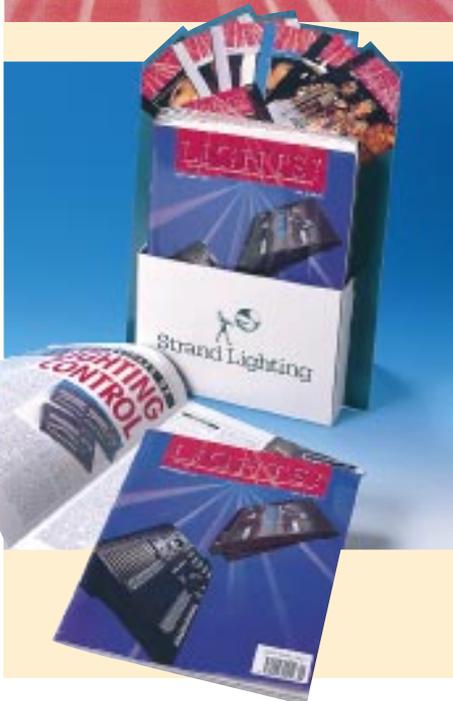
SMX: Strand Multiplex for high speed bi-directional transmission of dimmer status data

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

# LIGHTS!



## 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.



HILITE



MINISPOT

**HILITE™  
DAYLIGHT SE  
150W**

- Discharge spotlights using long-life, low-energy lamps
- Ideal for retail displays, exhibitions, museums, hotels, shopping malls and atria
- Fresnel and profile versions in black and white
- Integral ballast and ignitor with internal voltage setting for 230V, 240V and 250V
- Supplied with mounting fork with M10 wingnut and bolt, colour frame and input plug mounted on rear with mating socket

**Hilite F**

Compact and powerful discharge Fresnel spotlight which gives a smooth, soft-edged beam adjustable between 9.3° and 46.9° half-peak angle. Optional barn door accessory available in black or white.

W 150W V 230-240-250V < 9.3° - 47° 1.2kg \* 1200 Lux  
 6m X 125 x 125mm E EN60 598 2-17 i 1.1.1

**Cat No. Description**

11510	Hilite Fresnel, Black
11500	Hilite Fresnel, White

**Hilite 23**

Theatre-style profile spotlight with a hard edged beam for shutter or gobo pattern projection. An accessory wide-angle lens increases the beam angle from 26° to 38° cut-off angle, and an optional iris is available to reduce the beam diameter.

W 150W V 230-240-250V < 26° 8.2kg \* 1000 Lux 6m  
 X 125 x 125mm E D EN60 598 2-17 i 1.1.9

**Cat No. Description**

11530	Hilite 23 Profile Spot, Black
11520	Hilite 23 Profile Spot, White

**Hilite Accessories**
**Cat No. Description**

42020	150W 4000K MBI-T Lamp (Cool Colour Temp)
18030	Barndoor 4-Leaf Rotating, Black
18031	Barndoor 4-Leaf Rotating, White
18032	Wide Angle Lens (for Hilite 23)
18033	Iris Diaphragm (for Hilite 23)
18034	Additional Colour Frame Card
82200	Standard Wall Bracket
82201	Heavy Duty Wall Bracket
82202	Universal Mounting Bracket
82203	Boom Bracket for Vertical 48mm External Diameter Pipe
82021	29mm Spigot with M10 Thread
82022	16mm Socket Adaptor (Stand Mounting)
82010	Hook Clamp
82000	Safety Cable, Light Duty (up to 16kg)

**Minispot Profile**

Miniature profile spotlight with twin-lens zoom optical system and 4 beam-shaping shutters for M50 50W lamps and M82 75W maximum (for white versions). Beam angle from 30° to 50°. Gobo/gel colour filter holder and dichroic glass filter holder are available.

W 50W or 75W V 12V < 30° - 50° 1.2kg \* depends on lamp 240 Lux 3m E EN60 598 2-17 i 1.1.1

**Cat No. Description**

11004	Minispot Profile Spot, White
11005	Minispot Profile Spot, Black

**Minispot Effects**

Rotating disc effects projector in white finish only, with twin-lens zoom optical system for 50W M50 and 75W M82 lamps. Beam angle 30° to 50°. A wide selection of standard 6 inch effects discs are available ranging from "Clouds", "Liquid Oil" to "Break-up Patterns".

W 50W or 75W V 12V < 30° - 50° 1.2kg \* depends on density of effects disc 3m E EN60 598 2-17 i 1.1.1

**Cat No. Description**

16101	Minispot Effects Projector
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**Minispot Range Accessories**
**Cat No. Description**

45580	M58 50W Lamp, 50mm Diameter, 38°
45500	M50 50W Lamp, 50mm Diameter, 21°
45490	M49 50W Lamp, 50mm Diameter, 10°
45820	M82 75W Lamp, 50mm Diameter, 24°
45600	M60 75W Lamp, 50mm Diameter, 12°
18020	Holders (5) for Pattern or Gel Filter
18021	Holders for Lens or Dichroic Filter (5)
18001	Dichroic Filter (Red)
18002	Dichroic Filter (Blue)
18003	Dichroic Filter (Green)
18004	Dichroic Filter (Yellow)
18005	Dichroic Filter (Magenta)
18006	Dichroic Filter (Cyan)
18007	Dichroic Filter (Orange)
18008	Dichroic Filter (Pink)
18009	Dichroic Filter (Light Blue)
18010	Dichroic Filter (Purple)
18019	Minispot Slimline Ceiling Plate
18017	50VA Transformer (Potted)
18018	150VA Transformer (Boxed)

Effects disks: List available on request.

**MINISPOT™  
50W & 75W 12V**

- Miniature low-voltage spotlights
- Ideal for displays, interior lighting, control desk lighting, picture lighting
- Framing spot, barndoor and open-faced versions
- Extruded aluminium body in white or black finish
- For 12V MR16 tungsten halogen, dichroic reflector lamps
- Rotating effects projector version
- Flying leads terminated in bullet crimp plugs with mating sockets
- Requires lamp and remote transformer

**Minispot Open-faced & Barndoor**

Basic open-faced housing with or without barndoor for 50W lamps, 75W maximum (white versions only). Beam angle is determined by the choice of lamp fitted.

(See accessories)

W 50W or 75W V 12V < 10° - 60° depending on lamp 0.7kg \* depends on lamp 1m - 3m E EN60 598 2-17 i 1.1.1

**Cat No. Description**

11000	Minispot, Open-faced, White
11001	Minispot, Open-faced, Black
11002	Minispot with Barndoor, White
11003	Minispot with Barndoor, Black

**MINIM™**  
 300W/500W

- Compact 500W theatre spotlights in black also available for display applications in white at 300W
- Ideal for schools, stage specials, department stores, and display lighting
- Available in Fresnel and PC versions
- Rated for maximum 500W (black version) or 300W (white version)
- Insulated rear handle
- Bam door optional extra
- Supplied with lamp (300W M38 for White, 500W M40 for Black), card colour frame, mounting fork with M10 wingnut and bolt, and 1.5m power cable with plug fitted
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

**Minim F**

Compact spotlight giving a smooth, soft-edged beam. Adjustable between 13° and 53° half-peak angle.

**W** 300W(White) 500W(Black) **V** 230/240V **◀** 13° - 53°  
**■** 2.5kg **\***350 Lux(300W) 937 Lux(500W) **◆** 5m **✕** 125 x 125mm **■** 2.6kg **■** 0.01m<sup>3</sup> **✓** EN60 598 2-17 *i* 1.1.2

**Cat No. Description**

11034	Minim F, Black, 240V M40, 500W Lamp, 15A Plug
11033	Minim F, Black, 230V M40, 500W Lamp, Schuko Plug
11024	Minim F, White, 240V M38, 300W Lamp, 15 Plug
11023	Minim F, White, 230V M38, 300W Lamp, Schuko Plug

**Minim PC**

Compact spotlight for a defined beam edge. Adjustable between 7.5° and 55° half-peak angle.

**W** 300W(White) 500W(Black) **V** 230/240V **◀** 7.5° - 55°  
**■** 2.5kg **\***350 Lux(300W) 1963 Lux(500W) **◆** 5m **✕** 125 x 125mm **■** 2.8kg **■** 0.01m<sup>3</sup> **✓** EN60 598 2-17 *i* 1.1.2

**Cat No. Description**

11054	Minim PC, Black, 240V M40, 500W Lamp, 15A Plug
11053	Minim PC, Black, 230V M40, 500W Lamp, Schuko Plug
11044	Minim PC, White, 240V M38, 300W Lamp, 15A Plug
11043	Minim PC, White, 230V M38, 300W Lamp, Schuko Plug

**Minim Accessories**
**Cat No. Description**

41384	Additional M38 300W 240V Lamp
41383	Additional M38 300W 230V Lamp
41404	Additional M40 500W 240V Lamp
41403	Additional M40 500W 230V Lamp
18030	Barndoor, 4-Leaf Rotating, Black
18031	Barndoor, 4-Leaf Rotating, White
18034	Additional Colour Frame Card
82022	16mm Socket Adaptor for Stand Mounting
82202	Universal Mounting Bracket
82010	Hook Clamp
82000	Safety Cable, Light Duty (up to 16kg)



MINIM F AND MINIM PC



QUARTET PC



QUARTET 25



QUARTET 22/40

**QUARTET™**  
 650W

- Modern styling, with a lightweight, rugged die-cast body in black
- Ideal for theatres, school stages, museum and display lighting
- Insulated rear handle
- Bamdoor optional extra
- Supplied with 650W T26 lamp, card colour frame, mounting fork with M10 wingnut and bolt, 1.5m power cable with plug fitted
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

**Quartet F**

Compact, economical Fresnel spotlight with a smooth, soft-edged 10° to 40° variable beam. Optional barndoor accessory.

**W** 650W **V** 230/240V **◀** 10° - 40.5° **■** 3.1kg **\*** 1525 Lux  
**◆** 6m **✕** 150 x 150mm **■** 3.8kg **■** 0.03m<sup>3</sup> **✓** EN60 598 2-17 *i* 1.1.7

**Cat No. Description**

11064	Quartet F, 240V T26 650W Lamp, 15A Plug
11063	Quartet F, 230V T26 650W Lamp, Schuko Plug

**Quartet PC**

Compact, economical spotlight with a Prism-Convex lens giving a tighter beam and wider range of beam angles from 7.5° to 55.5°. Optional barndoor accessory.

**W** 650W **V** 230/240V **◀** 7.5° - 55.5° **■** 3.3kg **\*** 1700 Lux  
**◆** 6m **✕** 150 x 150mm **■** 4kg **■** 0.03m<sup>3</sup> **✓** EN60 598 2-17 *i* 1.1.7

**Cat No. Description**

11074	Quartet PC, 240V T26 650W Lamp, 15A Plug
11073	Quartet PC, 230V T26 650W Lamp, Schuko Plug

**Quartet 25**

Fixed 25° beam angle profile spotlight with peak/flat beam distribution adjustment, and toggle-action handle for soft/hard focus setting. Optional iris diaphragm or gobo holder.

**W** 650W **V** 230/240V **◀** 23° **■** 4.4kg **\*** 975 Lux **◆** 6m  
**✕** 150 x 150mm **■** 5.4kg **■** 0.04m<sup>3</sup> **✓** EN60 598 2-17 *i* 1.1.7

**Cat No. Description**

11084	Quartet 25, 240V T26 650W Lamp, 15A Plug
11083	Quartet 25, 230V T26 650W Lamp, Schuko Plug

**Quartet 22/40**

Economically-priced twin-lens zoom profile spotlight with beam angle and focus control in addition to peak/flat beam distribution adjustment. Optional iris diaphragm or gobo holder.

**W** 650W **V** 230/240V **◀** 22° - 40° **■** 4.8kg **\*** 1100 Lux **◆** 6m  
**✕** 150 x 150mm **■** 5.8kg **■** 0.043m<sup>3</sup> **✓** EN60 598 2-17 *i* 1.1.7

**Cat No. Description**

11094	Quartet 22/40, 240V T26 650W Lamp, 15A Plug
11093	Quartet 22/40, 230V T26 650W Lamp, Schuko Plug

**Quartet Accessories**
**Cat No. Description**

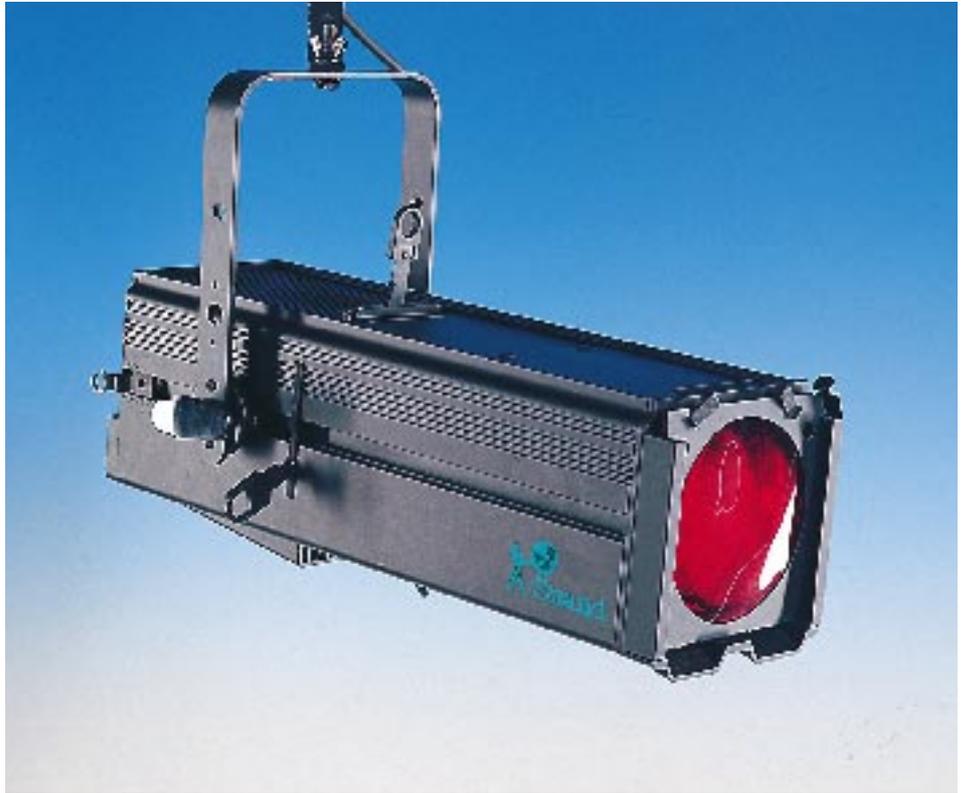
41264	Additional T 26, 650W, 240V Lamp
41263	Additional T 26, 650W, 230V Lamp
18040	Barndoor, 4-Leaf Rotating
18041	Iris, 12-Leaf
18042	Holder for M-Size Gobo
18043	Additional Colour Frame, Card
18044	Colour Frame, Metal
82010	Hook Clamp
82000	Safety Cable, Light Duty (up to 16kg)



PRELUDE F WITH BARNDOORS



PRELUDE PC



PRELUDE 16/30

**PRELUDE™**  
 650W

- Professional specification 650W spotlights
- Suitable for small to medium size venues
- High-performance optics
- Electrically-isolated during lamp replacement
- Dual-height stimup
- Easy access for lens cleaning
- Insulated rear handle
- Supplied in black finish with 650W T26 lamp, colour frame, mounting fork with M10 wingnut and bolt, and detachable 1.5m power cable with plug fitted
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

**Prelude F**

Fresnel spotlight giving a 9° to 40° soft-edged variable beam with good distribution. Optional barn door accessory.

**W** 650W **V** 230/240V **◀** 9° - 40° **Ⓜ** 3.5kg **\*** 1040 Lux **◀▶** 8m  
**ⓧ** 150 x 150mm **Ⓜ** 4.5kg **Ⓜ** 0.032m<sup>3</sup> **✓** EN60 598 2-17 **i** 1.1.4

**Cat No. Description**

11104	Prelude F, 240V T26 650W Lamp, 15A Plug
11103	Prelude F, 230V T26 650W Lamp, Schuko Plug



PRELUDE 28/40

**Prelude PC**

Compact spotlight giving a tighter beam and wider range of beam angles, from 7.5° to 55°. Optional barn door accessory.

**W** 650W **V** 230/240V **◀** 7.5° - 55° **Ⓜ** 3.6kg **\*** 800 Lux **◀▶** 8m  
**ⓧ** 150 x 150mm **Ⓜ** 4.8kg **Ⓜ** 0.036m<sup>3</sup> **✓** EN60 598 2-17 **i** 1.1.4

**Cat No. Description**

11114	Prelude PC, 240V T26 650W Lamp, 15A Plug
11113	Prelude PC, 230V T26 650W Lamp, Schuko Plug

**Prelude 16/30**

Zoom profile spotlight with variable 16° to 30° beam for medium throws. Excellent beam quality gives crisp gobo projection. Includes four integral beam-shaping shutters and slot for a gobo (pattern) holder or iris. Optional iris diaphragm or gobo holder and wire guard.

**W** 650W **V** 230/240V **◀** 16° - 30° **Ⓜ** 6.5kg **\*** 1000 Lux **◀▶** 8m  
**ⓧ** 150 x 150mm **Ⓜ** 8.3kg **Ⓜ** 0.073m<sup>3</sup> **✓** EN60 598 2-17 **i** 1.1.4

**Cat No. Description**

11124	Prelude 16/30, 240V T26 650W Lamp, 15A Plug
11123	Prelude 16/30, 230V T26 650W Lamp, Schuko Plug

**Prelude 28/40**

Zoom profile spotlight with a variable 28° to 40° beam, ideal for shorter throws and over-stage use. Includes four integral beam-shaping shutters and slot for a gobo (pattern) holder or iris. Optional iris diaphragm or gobo holder, and wire guard.

**W** 650W **V** 230/240V **◀** 28° - 40° **Ⓜ** 6.3kg **\*** 542 Lux **◀▶** 8m  
**ⓧ** 150 x 150mm **Ⓜ** 7.7kg **Ⓜ** 0.065m<sup>3</sup> **✓** EN60 598 2-17 **i** 1.1.4

**Cat No. Description**

11134	Prelude 28/40, 240V T26 650W Lamp, 15A Plug
11133	Prelude 28/40, 230V T26 650W Lamp, Schuko Plug

**Prelude Accessories**
**Cat No. Description**

41264	Additional T 26, 650W, 240V Lamp
41263	Additional T 26, 650W, 230V Lamp
18040	Barndoor, 4-Leaf Rotating
18046	Iris 18-Leaf
18045	Holder for 'B' Size Gobos
18047	Lens Guard 25mm Mesh
18043	Additional Colour Frame, Card
18044	Colour Frame, Metal
82010	Hook Clamp
82000	Safety Cable, Light Duty (up to 16kg)



LEKO 15

### LEKO™ FIXED ANGLE PROFILE SPOTS 1000W

- New range of five fixed-angle 1000W ellipsoidal spotlights
- Four interchangeable lens tubes 20°, 30°, 40° and 50°
- Fixed angle design for ease of focusing, compact dimensions and light weight
- High output from 1000W CP77 lamp. Also accepts new generation HX600 high efficiency lamps
- High-angularity shutter assembly with 100° movement per shutter blade\*
- Simple lamp replacement without disturbing lamp setting\*
- Designed to meet international safety standards
- Economically priced
- Supplied with 1000W CP77 lamp, colour frame, mounting fork with M10 wingnut and bolt, and 1.5m power cable with plug fitted
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

\* Patented

### Leko 15

Fixed 15° beam angle 1000W profile spotlight for throws of between 15 - 20m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 15° 7.8kg \* 1200 Lux ◀ 15m  
X 190 x 190mm ⊕ B 8.6kg ✓ EN60 598 2-17 i 1.1.8

Cat No.	Description
12314	Leko 15, 240V CP77 1000W Lamp, 15A Plug
12313	Leko 15, 230V CP77 1000W Lamp, Schuko Plug

### Leko 20

Fixed 20° beam angle 1000W profile spotlight for throws of between 14 - 18m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 20° 6.0kg \* 1000 Lux ◀ 14m  
X 190 x 190mm ⊕ B 6.8kg ✓ EN60 598 2-17 i 1.1.8

Cat No.	Description
12324	Leko 20, 240V CP77 1000W Lamp, 15A Plug
12323	Leko 20, 230V CP77 1000W Lamp, Schuko Plug



LEKO 30

### Leko 30

Fixed 30° beam angle 1000W profile spotlight for throws of between 12 - 15m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 30° 6.0kg \* 1100 Lux ◀ 12m  
X 190 x 190mm ⊕ B 6.8kg ✓ EN60 598 2-17 i 1.1.8

Cat No.	Description
12334	Leko 30, 240V CP77 1000W Lamp, 15A Plug
12333	Leko 30, 230V CP77 1000W Lamp, Schuko Plug

### Leko 40

Fixed 40° beam angle 1000W profile spotlight for throws of between 10 - 12m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 40° 6.0kg \* 1000 Lux ◀ 10m  
X 190 x 190mm ⊕ B 6.8kg ✓ EN60 598 2-17 i 1.1.8

Cat No.	Description
12344	Leko 40, 240V CP77 1000W Lamp, 15A Plug
12343	Leko 40, 230V CP77 1000W Lamp, Schuko Plug

### Leko 50

Fixed 50° beam angle 1000W profile spotlight for throws of between 8 - 10m. Optional iris diaphragm or gobo holder. Lamp supplied and plug fitted.

W 1000W V 230/240V < 50° 6.0kg \* 1000 Lux ◀ 8m  
X 190 x 190mm ⊕ B 6.8kg ✓ EN60 598 2-17 i 1.1.8

Cat No.	Description
12354	Leko 50, 240V CP77 1000W Lamp, 15A Plug
12353	Leko 50, 230V CP77 1000W Lamp, Schuko Plug

### Leko Accessories

Cat No.	Description
43774	Additional CP77 1000W 240V Lamp
43773	Additional CP77 1000W 230V Lamp
43784	HX600 575W 240V Lamp
43783	HX600 575W 230V Lamp
18220	Additional 20° Lens Tube
18230	Additional 30° Lens Tube
18240	Additional 40° Lens Tube
18250	Additional 50° Lens Tube
18102	Iris, 18-Leaf
18101	Holder for 'B' Size Gobo, Rotatable
18105	Additional Colour Frame, Card
55001	Colour Call Scroller CCI
82010	Hook Clamp
82000	Safety Cable, Light Duty (up to 16kg)



CANTATA PC AND CANTATA F WITH BARNDOORS

### CANTATA™ 1200W

- Most popular professional theatre spotlight range
- For theatres, concert halls and touring
- Range includes Fresnel, PC and three zoom profiles
- Profiles include rotatable gate assembly as standard
- New improved lens movement
- Easy access for lens cleaning
- Adjustment between peaky and flat field distribution
- Interchangeable lens tubes available
- T19 1000W lamp may be used
- Supplied in black finish with 1200W T29 lamp, colour frame, mounting fork with M10 wingnut and bolt, and detachable 1.5m cable with plug
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

### Cantata F

Fresnel spotlight giving a powerful soft-edged beam. Screw-action focus provides a variable beam angle between 8.7° and 50.7°. Optional barndoors.

W 1200W V 230/240V < 8.7° - 50.7° 5.8kg \* 590 Lux  
◀ 15m X 185 x 185mm 7.7kg 0.081m<sup>3</sup>  
✓ EN60 598 2-17 i 1.2.1

Cat No.	Description
12034	Cantata F, 240V T29 1200W Lamp, 15A Plug
12033	Cantata F, 230V T29 1200W Lamp, Schuko Plug

### Cantata PC

Powerful stage spotlight with a Prism-Convex lens giving a tighter spot and wider range of beam angles than a Fresnel. Screw-action focus adjustment varies the beam angle from 4.5° - 52.7°. Optional barndoors.

W 1200W V 230/240V < 4.5° - 52.7° 7.2kg \* 490 Lux  
◀ 20m X 185 x 185mm 9.1kg 0.091m<sup>3</sup>  
✓ EN60 598 2-17 i 1.2.1

Cat No.	Description
12044	Cantata PC, 240V, T29 1200W Lamp, 15A Plug
12043	Cantata PC, 230V, T29 1200W Lamp, Schuko Plug

### Cantata 11/26

Variable angle zoom profile spotlight with 11° to 26° beam angle for long-throws. Peak/flat field adjustment and four integral beam-shaping shutters in rotatable gate. Optional iris diaphragm or gobo holder.

 1200W 
  230/240V 
  11° - 26° 
  11kg 
  1230 Lux  
 15m 
  185 x 185mm 
  B  16.1kg 
  0.146m<sup>3</sup>  
 EN60 598 2-17 
  i 1.2.1

#### Cat No. Description

12054	Cantata 11/26, 240V, T29 1200W Lamp, 15A Plug
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12053	Cantata 11/26, 230V, T29 1200W Lamp, Schuko Plug
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### Cantata 18/32

Variable angle zoom profile spotlight with 18° to 32° beam angle for medium-throw applications. Peak/flat field adjustment and four integral beam-shaping shutters in rotatable gate. Optional iris diaphragm or gobo holder.

 1200W 
  230/240V 
  18° - 32° 
  12kg 
  1190 Lux  
 15m 
  185 x 185mm 
  B  15.1kg 
  0.125m<sup>3</sup>  
 EN60 598 2-17 
  i 1.2.1

#### Cat No. Description

12064	Cantata 18/32, 240V, T29 1200W Lamp, 15A Plug
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12063	Cantata 18/32, 230V, T29 1200W Lamp, Schuko Plug
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### Cantata 26/44

Variable angle zoom profile spotlight with 26° to 44° beam angle for short-throw applications. Peak/flat field adjustment and four integral beam-shaping shutters in rotatable gate. Optional iris diaphragm or gobo holder.

 1200W 
  230/240V 
  26° - 44° 
  12.8kg 
  770 Lux  
 12m 
  185 x 185mm 
  B  13.6kg 
  0.111m<sup>3</sup>  
 EN60 598 2-17 
  i 1.2.1

#### Cat No. Description

12074	Cantata 26/44, 240V, T29 1200W Lamp, 15A Plug
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12073	Cantata 26/44, 230V, T29 1200W Lamp, Schuko Plug
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### Cantata Accessories

#### Cat No. Description

41294	Additional T29, 1200W, 240V Lamp
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41293	Additional T29, 1200W, 230V Lamp
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41194	T19, 1000W 240V Lamp
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41193	T19, 1000W 230V Lamp
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43903	CP90, 1200W 240V Lamp
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43904	CP90, 1200W 230V Lamp
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18106	Barndoor, 4-Leaf Rotating
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18103	Iris, 18-Leaf
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18045	Holder for 'B' Size Gobo
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18104	Additional Colour Frame, Metal
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18126	Additional 11° - 26° Lens Tube
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18132	Additional 18° - 32° Lens Tube
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18144	Additional 26° - 44° Lens Tube
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55001	Colour Call Scroller CCI
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82010	Hook Clamp
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82000	Safety Cable, Light Duty (up to 16kg)
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CANTATA 11/26 CANTATA 18/32 AND CANTATA 26/44



OPTIQUE 8/17

### OPTIQUE™

1200W

- Condensor optic profile spotlights
- Two zoom profiles cover a wide beam angle range from 8° to 42°
- Smooth flat field is ideal for sharp gobo projection
- Rotatable gate assembly as standard
- CP70 1000W lamp may be used
- New improved lens movement
- Supplied in black finish with CP90 1200W lamp, colour frame, mounting fork with M10 wingnut and bolt, and detachable 1.5m cable with plug.
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

### Optique 8/17

Variable angle condensor optics profile spotlight with 8° to 17° beam angle and flat field for sharp, long-throw projection of gobos and shutter edges. Optional iris diaphragm or gobo holder.

 1200W 
  230/240V 
  8° - 17° 
  12.6kg 
  1480 Lux  
 15m 
  185 x 185mm 
  M  15.6kg 
  0.155m<sup>3</sup>  
 EN60 598 2-17 
  i 1.2.3

#### Cat No. Description

12014	Optique 8/17, 240V CP90, 1200W Lamp, 15A Plug
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12013	Optique 8/17, 230V CP90, 1200W Lamp, Schuko Plug
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### Optique 15/42

Variable angle condensor optics profile spotlight with 15° to 42° beam angle and flat field for sharp, medium-throw projection of gobos and shutter edges. Optional iris diaphragm or gobo holder.

 1200W 
  230/240V 
  15° - 42° 
  12.6kg 
  1180 Lux  
 10m 
  185 x 185mm 
  M  15.5kg 
  0.128m<sup>3</sup>  
 EN60 598 2-17 
  i 1.2.3

#### Cat No. Description

12024	Optique 15/42, 240V CP90, 1200W Lamp, 15A Plug
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12023	Optique 15/42, 230V CP90, 1200W Lamp, Schuko Plug
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### Optique Accessories

#### Cat No. Description

43904	Additional CP90, 1200W 240V Lamp
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43903	Additional CP90, 1200W 230V Lamp
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43704	CP70, 1000W, 240V Lamp
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43703	CP70, 1000W, 230V Lamp
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41294	T29, 1200W, 240V Lamp
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41293	T29, 1200W, 230V Lamp
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41194	T19, 1000W, 240V Lamp
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41193	T19, 1000W, 230V Lamp
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18103	Iris, 18-Leaf
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18100	Holder for M-Size Gobo
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18104	Additional Colour Frame, Metal
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55001	Colour Call Scroller CCI
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82010	Hook Clamp
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82000	Safety Cable, Light Duty (up to 16kg)
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ALTO F WITH BARNDOORS



ALTO PC



ALTO 20/38

**ALTO™**  
2000/2500W

- High-power 2500W/2000W high specification spotlights
- Revised model incorporating improvements to operation features
- Designed for larger venues and opera houses
- Light-weight housing finished in two-tone black/grey
- Improved lamp life from G22 lamp base
- Profiles use reflector optics for high output from 2000 or 2500W lamps
- Easy to use peak/flat field adjustment on profiles
- Rotatable gate assembly standard for profiles
- Automatic power disconnection for easy lamp exchange
- Top or bottom hinged access doors for profile lens cleaning
- Profiles fitted with articulated cranked fork to allow steep tilt angles when hung from pipe
- Supplied with a CP92 2000W lamp, colour frame, mounting fork with M12 wingnut and bolt, and 3m power cable (1.5m for F & PC) with plug
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

**Alto PC**

High-power spotlight giving an intense beam of light with a less diffused edge than a Fresnel. Front and rear screw-action focus provides a variable beam angle between 4° and 58°. Optional barndoors.

2500W 230/240V 4° - 58° 12kg 1400 Lux  
 20m 245 x 245mm 14.1kg 0.114m³  
 EN60 598 2-17 i 1.2.8

**Cat No. Description**

12114	Alto PC, 240V CP92 2000W Lamp, 15A Plug
12113	Alto PC, 230V CP92 2000W Lamp, Schuko Plug

**Alto 8/16**

Zoom profile spotlight with peak/flat beam adjustment, and a variable beam angle from 8° to 16° for long throws. Lens adjustment is by sliding handles with lever locking operation.

2500W 230/240V 8° - 16° 17kg 1000 Lux  
 25m 245 x 245mm A 23.7kg 0.241m³  
 EN60 598 2-17 i 1.2.8

**Cat No. Description**

12124	Alto 8/16, 240V CP92 2000W Lamp, 15A Plug
12123	Alto 8/16, 230V CP92 2000W Lamp, Schuko Plug

**Alto 14/32**

Zoom profile spotlight with peak/flat beam adjustment, and a variable beam angle from 14° to 32° for middle distance throws. Lens adjustment is by sliding handles with lever locking operation.

2500W 230/240V 14° - 32° 17kg 985 Lux  
 20m 245 x 245mm A 24kg 0.231m³  
 EN60 598 2-17 i 1.2.8

**Cat No. Description**

12134	Alto 14/32, 240V CP92 2000W Lamp, 15A Plug
12133	Alto 14/32, 230V CP92 2000W Lamp, Schuko Plug

**Alto 20/38**

Zoom profile spotlight with peak/flat beam adjustment, and a variable beam angle from 20° to 38° for shorter distance throws. Lens adjustment is by sliding handles with lever locking operation.

2500W 230/240V 20° - 38° 16kg 1050 Lux  
 15m 245 x 245mm A 21.7kg 0.192m³  
 EN60 598 2-17 i 1.2.8

**Cat No. Description**

12144	Alto 20/38, 240V CP92 2000W Lamp, 15A Plug
12143	Alto 20/38, 230V CP92 2000W Lamp, Schuko Plug



ALTO 14/32



ALTO 8/16

**Alto F**

High-power Fresnel spotlight giving an intense soft-edged beam. Front and rear screw-action focus provides a variable beam angle between 7° and 57°. Optional barndoors.

2500W 230/240V 7° - 57° 9.7kg 900 Lux  
 20m 245 x 245mm 11.7kg 0.1m³ EN60 598 2-17 i 1.2.8

**Cat No. Description**

12104	Alto F, 240V CP92 2000W Lamp, 15A Plug
12103	Alto F, 230V CP92 2000W Lamp, Schuko Plug

**Alto Accessories**

**Cat No. Description**

43924	Additional CP92 2000W, 240V Lamp
43923	Additional CP92 2000W, 230V Lamp
43914	CP91 2500W, 240V Lamp
43913	CP91 2500W, 230V Lamp
18200	Barndoor, 4-Leaf Rotating
18201	Iris, 18-Leaf
18202	Holder for 'A' Size Gobo
18203	Additional Colour Frame, Metal
55001	Colour Call Scroller CCI
82011	Hook Clamp, Heavy Duty
82001	Safety Cable, Heavy Duty



TOCCATA 10/26



TOCCATA 15/38



BEAMLITE 1000

### TOCCATA™ LONG THROW CONDENSER OPTICS 2000/2500W

- Condenser optic spotlights in two beam angle versions
- Even, flat beam for accurate cuts and crisp gobo projection
- Three plane gate with six shutter blades ideal for beam sculpture
- Articulated "bridge" fork for mounting on overstage bridge
- Compact and lightweight
- Rotatable gate for gobo alignment
- High-quality 24-leaf iris available
- Automatic double-pole microswitch isolation
- Supplied in two-tone black/grey finish with colour frame, mounting fork with M12 wingnut, and 3m power cable with Schuko plug (2000W) or 15A plug (2500W) specified
- Available as 230V or 240V version with lamp and plug

#### Toccata 10/26

A compact and lightweight variable angle condenser optics ellipsoidal spotlight with 10° to 26° beam angle and an even, flat beam. Three plane gate, articulated fork, fully rotatable gate. Supplied with colour frame, 230V 2000W CP92 or 240V 2500W CP91 lamp, integral 24-leaf iris, bridge-mounting fork and Schuko plug.

W 2500W V 230V < 10° - 26° 1 20.5kg ✱ 836 lux ◀ 27m  
X 245 x 245mm ⊕ A 1 29kg 1 0.258m³ ✓ EN 60 598 2-17  
i 1.2.9

#### Cat No. Description

12153	Toccata 10/26, 230V 2kW CP92 Lamp, Schuko Plug, Integral Iris
12154	Toccata 10/26, 240V 2.5kW CP91 Lamp, 15A Plug, Integral Iris

#### Toccata 15/38

A compact and lightweight variable angle condenser optics ellipsoidal spotlight with 15° to 38° beam angle and an even, flat beam. Three plane gate, articulated fork, fully rotatable gate. Supplied with colour frame, 230V 2000W CP92 or 240V 2500W CP91 lamp, integral 24-leaf iris, bridge-mounting fork and Schuko plug.

W 2500W V 230V < 15° - 38° 1 19.8kg ✱ 1049 lux ◀ 18m  
X 245 x 245mm ⊕ A 1 25.5kg 1 0.237m³ ✓ EN 60 598 2-17  
i 1.2.9

#### Cat No. Description

12163	Toccata 15/38, 230V 2kW CP92 Lamp, Schuko Plug, Integral Iris
12164	Toccata 15/38, 240V 2.5kW CP91 Lamp, 15A Plug, Integral Iris

#### Toccata Accessories

Cat No.	Description
43923	CP92 Lamp, 2000W, 230V
43924	CP92 Lamp, 2000W, 240V
43913	CP91 Lamp, 2500W, 230V
43914	CP91 Lamp, 2500W, 240V
18202	Size "A" Gobo Holder
18203	Metal Colour Frame 245mm x 245mm
18207	Bridge Fork Accessory
18208	Compact Fork Accessory
18209	Toccata 24-Leaf Iris
82011	Hook Clamp, Heavy Duty
82001	Safety Cable, Heavy Duty
55001	Colour Call Scroller CCI

### BEAMLITE™ LOW VOLTAGE BEAM PROJECTORS 500W & 1000W 24V

- High-intensity narrow angle beam
- Ideal for 'near parallel' lighting effect in larger venues, or as a soft-edged followspot
- Compact housing in black finish with integral toroidal transformer
- Integral spill rings
- Beam adjustment by means of convenient rear knob
- 230/240V voltage selector and automatic reset overload protection included for transformer
- Supplied with lamp, card colour frame, mounting fork with M12 wingnut and bolt, and 1.5m power cable with plug
- Available as either 240V version (with 15A plug) or 230V version (with Schuko plug)

#### Beamlite 500

Narrow-angle low-voltage beamlight for medium-throw applications. Supplied with 500W 24V lamp.

W 500W V 230/240V < 6.9° 1 13kg ✱ 3000 Lux ◀ 15m  
X 275 x 275mm 1 15.7kg 1 0.102m³ ✓ EN60 598 2-17 i 1.3.1

#### Cat No. Description

13014	Beamlite 500, 240V 500W 24V E40 Base Lamp, 15A Plug
13013	Beamlite 500, 230V 500W 24V E40 Base Lamp, Schuko Plug

#### Beamlite 1000

Narrow-angle low-voltage beamlight for long-throw applications. Supplied with 1000W 24V lamp.

W 1000W V 230/240V < 7° 1 17kg ✱ 2350 Lux ◀ 24m  
X 365 x 365mm 1 22.9kg 1 0.139m³ ✓ EN60 598 2-17 i 1.3.1

#### Cat No. Description

13024	Beamlite 1000, 240V 1000W 24V K39d Base Lamp, 15A Plug
13023	Beamlite 1000, 230V 1000W 24V K39d Base Lamp, Schuko Plug

#### Beamlite Accessories

Cat No.	Description
45001	Additional 500W 24V E40 Base Lamp
45002	Additional 1000W 24V K39d Base Lamp
18301	Additional Colour Frame, Beamlite 500W
18302	Additional Colour Frame, Beamlite 1000W
82011	Hook Clamp, Heavy Duty
82001	Safety Cable, Heavy Duty



SOLO 2000W FOLLOWSPOT



SOLO CSI/CID FOLLOWSPOT

**SOLO™ FOLLOWSPOTS**  
2000W TUNGSTEN & 1000W CSI/CID

- Powerful followspots with tungsten halogen or discharge sources
- For theatre and TV applications
- Variable beam angle 9° to 15° suits various throw distances
- Adjustable pivot point to ensure balance
- Large grip handle on either side and rear
- Access for lens cleaning
- 6-colour magazine accessory option
- Supplied in black finish with colour frame, 24-leaf black-out iris, horizontal strip shutters, aiming sights, power cable (2K version) to open ends, and 29mm spigot for stand mounting. Requires lamp and plug. CSI/CID version includes external ballast and 2m head to ballast cable

**Solo 2000W**

Variable angle zoom profile followspot with 9° to 15° beam angle. Ideal for medium scale theatre and TV applications, particularly when remote control dimming is required. Requires 2000W CP79 lamp and plug.

2000W 230/240V 9° - 15° 30.5kg 1625 Lux  
20m 245 x 245mm A 37.6kg 0.355m<sup>3</sup>  
EN60 598 2-17 i 1.5.4

Cat No.	Description
16020	Solo 2K, Excluding Lamp & Plug



CANTATA FOLLOWSPOT

**Solo CSI/CID**

Variable angle zoom profile 1kW discharge source followspot with 9° to 15° beam angle. The efficiency of the CSI or CID lamp means that this Solo produces 2.5 times more light than the 2kW tungsten halogen version. CID has daylight colour temperature and therefore appears brighter than CSI, although the CSI output is higher. External ballast supplied offers standby, half and full power selection. Requires either a 1kW CSI or 1kW CID lamp.

1000W 230/240V 9° - 15° 42.0kg 1890(CSI) 1445(CID) Lux 30m 245 x 245mm A 51.2kg (Solo), 20.0kg (ballast) 0.355m<sup>3</sup> (Solo), 0.031m<sup>3</sup> (ballast)  
EN60 598 2-17 i 1.5.4

Cat No.	Description
16030	Solo CSI/CID, Excluding Lamp & Plug

**Solo Followspot Accessories**

Cat No.	Description
43794	2000W, 240V CP79
43793	2000W, 230V CP79
42000	1000W, CSI Discharge Lamp
42010	1000W, CID Discharge Lamp
18204	6-Colour Magazine
18206	Additional Colour Frame
81100	Folding Braced Stand

**CANTATA™ FOLLOWSPOT**  
1200W

- Compact 1200W tungsten halogen followspot
- Ideal for smaller venues, school stages, clubs
- Variable beam angle 11° to 26° suits different throw distances
- Can also use 1000W T19 lamp
- Access for lens cleaning
- New improved lens movement
- 4-colour magazine accessory option
- Supplied with colour frame, 24-leaf iris with black-out, 29mm spigot for stand mounting, and 3m detachable power cable with in-line switch to open ends. Requires lamp and plug

**Cantata Followspot**

Variable angle zoom profile followspot with 11° to 26° beam angle. With blackout iris, and spigot for stand mounting. Requires lamp and plug.

1200W 230/240V 11° - 26° 13.5kg 1150 Lux  
15m 185 x 185mm 18.6kg 0.161m<sup>3</sup>  
EN60 598 2-17 i 1.5.1

Cat No.	Description
16010	Cantata Followspot, Excluding Lamp & Plug

**Cantata Followspot Accessories**

Cat No.	Description
41294	T29, 1200W, 240V Lamp
41293	T29, 1200W, 230V Lamp
41194	T19, 1000W, 240V Lamp
41193	T19, 1000W, 230V Lamp
43903	CP90, 1200W, 240V Lamp
43904	CP90, 1200W, 230V Lamp
18107	4-Colour Magazine
81100	Folding Braced Stand
18205	Set of Aiming Sights
18104	Additional Colour Frame, Metal



CODA 4



NOCTURNE 500W AND NOCTURNE 1000W



MINIFLOOD Mk2 SINGLE UNIT

## CODA™ CYC LIGHT 500W & 1000W

- Single unit and compartment cyclorama floodlights with asymmetric distribution
- For even coverage of backcloths and cycloramas
- In two versions: 500W 118mm lamp and 1000W 189mm lamp
- Wide, asymmetric distribution
- Bamdoor option for single units
- Supplied in black finish with lamp(s), colour frame, integral wire safety mesh, mounting fork with M10 wingnut(s) and bolt(s), 1.5m cable to bare ends (single units only)
- Available as either 240V version (with 240V lamp, single units with 15A plug) or 230V version (with 230V lamp, single units with Schuko plug)

## NOCTURNE™ FLOODLIGHT 500W & 1000W

- Single unit symmetric distribution floodlight
- For general internal floodlighting
- In two versions: 500W 118mm lamp and 1000W 189mm lamp
- Wide, even distribution
- Bamdoor option
- Supplied in black finish with lamp, colour frame, integral wire safety mesh, mounting fork with M10 wingnut and bolt, 1.5m cable with plug
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

### Coda 500

Wide-angle 500W floodlight in single, 3 or 4 compartment units for even top or bottom lighting of up to 6m cycloramas when used 1.5m from backdrop, and on 1.5m centres. Supplied with 500W K1 lamp(s).

**W** 500W **V** 230/240V **█** 66° **■** 3.75/8.1/10.1kg  
**✕** 215 x 240mm **▣** 4.6/9.7/12.5kg **▤** 0.03/0.078/0.102m<sup>3</sup>  
**✓** EN60598 2-17 **i** 1.4.3

Cat No.	Description
14104	Coda 500/1 500W Cyc light, 240V Lamp, 15A Plug
14103	Coda 500/1 500W Cyc light, 230V Lamp, Schuko Plug
14034	Coda 500/3 500W, 3-unit, 240V Lamp
14033	Coda 500/3 500W, 3-unit, 230V Lamp
14044	Coda 500/4 500W, 4-unit, 240V Lamp
14043	Coda 500/4 500W, 4-unit, 230V Lamp

### Coda 1000

Wide-angle 1000W single unit floodlight for even top or bottom lighting of cycloramas. Supplied with 1000W K4 lamp. Optional outrig colour frame accessory.

**W** 1000W **V** 230/240V **█** 84° **■** 4.3kg **✕** 285 x 240mm  
**▣** 4.8kg **▤** 0.035m<sup>3</sup> **✓** EN60598 2-17 **i** 1.4.3

Cat No.	Description
14024	Coda 1000W Cyc light, 240V Lamp, 15A Plug
14023	Coda 1000W Cyc light, 230V Lamp, Schuko Plug

### Coda Accessories

Cat No.	Description
44014	Additional K1 500W, 240V Lamp
44013	Additional K1 500W, 230V Lamp
44044	Additional K4 1000W, 240V Lamp
44043	Additional K4 1000W, 230V Lamp
18121	Bamdoor, 500W
18122	Bamdoor, 1000W
18123	Additional Colour Frame, 500W
18124	Additional Colour Frame, 1000W
18125	Outrig Colour Frame 1000W
83100	Cable Gland, Coda 3&4 Cyc lights
83010	9 core 1.5mm Cable, (per m) Coda 3 & 4
82010	Hook Clamp
82000	Safety Cable, Light Duty (up to 16kg)

## MINIFLOOD Mk2™ ★NEW★ 250W

- Improved filter performance
- Ideal for small venues, school or club stages, working lights, shop displays
- Accepts 100W, 150W, or 250W 78mm linear tungsten halogen lamps (ordered separately)
- Supplied in black finish with colour frame, safety glass and wire guard, mounting fork, and cable to bare ends

### Miniflood Mk2

Single unit symmetrical reflector floodlight, with 1m cable fitted. Optional bamdoor.

**W** 250W **V** 230/240V **█** 59° **■** 1.1kg **✕** 261 Lux **▣** 3m  
**✕** 137 x 135mm **▣** 1.3kg **▤** 0.0004m<sup>3</sup> **✓** EN60598 2-17

Cat No.	Description
14220	Miniflood Mk2, Excluding Lamp & Plug

### Miniflood Mk2 Accessories

Cat No.	Description
44144	K14, 100W, 240V Lamp
44143	K14, 100W, 230V Lamp
44124	K12, 150W, 240V Lamp
44123	K12, 150W, 230V Lamp
44164	K13, 200W, 230V Lamp
44163	K13, 200W, 240V Lamp
44154	K15, 250W, 240V Lamp
44153	K15, 250W, 230V Lamp
18133	Bamdoor, Miniflood Mk2, Single Unit
82010	Hook Clamp
82000	Safety Cable, Light Duty (up to 16kg)

### Nocturne 500

Wide-angle, general purpose single unit 500W floodlight. Supplied with K1 500W lamp.

**W** 500W **V** 230/240V **█** 60.5° **■** 3.75kg **✕** 475 Lux **▣** 3m  
**✕** 215 x 240mm **▣** 4.5kg **▤** 0.027m<sup>3</sup> **✓** EN60598 2-17 **i** 1.4.3

Cat No.	Description
14104	Nocturne 500W, 240V Lamp, 15A Plug
14103	Nocturne 500W, 230V Lamp, Schuko Plug

### Nocturne 1000

Wide-angle, general purpose single unit 1000W floodlight. Supplied with K4 1000W lamp.

**W** 1000W **V** 230/240V **█** 68.5° **■** 4.3kg **✕** 360 Lux **▣** 4m  
**✕** 285 x 240mm **▣** 5.0kg **▤** 0.033m<sup>3</sup> **✓** EN60598 2-17 **i** 1.4.3

Cat No.	Description
14114	Nocturne 1000W, 240V Lamp, 15A Plug
14113	Nocturne 1000W, 230V Lamp, Schuko Plug

### Nocturne Accessories

Cat No.	Description
44014	Additional K1 500W, 240V Lamp
44013	Additional K1 500W, 230V Lamp
44044	Additional K4 1000W, 240V Lamp
44043	Additional K4 1000W, 230V Lamp
18121	Bamdoor, 500W
18122	Bamdoor, 1000W
18123	Additional Colour Frame, 500W
18124	Additional Colour Frame, 1000W
18125	Outrig Colour Frame, 1000W
82010	Hook Clamp



TOCCATA EP EFFECTS PROJECTOR



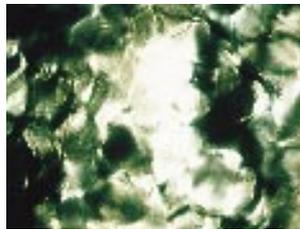
HYPERBEAM 1288

**HYPERBEAM™ 1200 & 1288**  
★NEW★  
AUTOMATED SPOTLIGHT 1200W

- Two tough performers, future protected by unique modular design
- Uses 1200 MSR lamp
- Accepts DMX512 control protocol with 8 or 16 bit resolution
- All functions controllable from Strand 430/530/550 control consoles loaded with Tracker™ software
- Cyan, magenta and yellow colour mixing (Hyperbeam™ 1288 only)
- Two colour wheels with 9 dichroic colours plus open white (Hyperbeam™ 1200 has only one wheel)
- Two gobo wheels, one with 9 pre-aligned patterns, the second with four rotatable patterns
- Multiplying prisms and frost filter effects
- Variable shutter speed control for strobe effects
- Remote control of focus, iris & intensity
- 175° pan in 0.028° of resolution, 85° tilt in 0.056° of resolution
- Remote lamp on/off
- Four selectable control modes
- Easy luminaire addressing and menu set-up using 4-digit display
- Remote controlled fan speed for quieter operation
- Selectable supply voltage options: 100/120/230/240/250V at 50/60Hz



WATER



SMOKE



FLAME

**TOCCATA™ EP ★NEW★**  
EFFECTS PROJECTOR  
2500/2000W

- Powerful 2500W high specification projector for slides or moving effects
- For projecting scenery or moving effects onto the acting area or backing
- 3-lens condenser optical system with glass heat absorbing filter
- Whisper quiet fan cooled
- Supplied in black, braced mounting fork with M12 wingnut and bolt, 1.5m of detachable cable to open ends. Requires lamp, plug, moving effects attachment and objective lens

**Toccata EP Effects Attachments**

A moving effects attachment comprises one motor and disk housing for use with a separate effects disk.

Cat No.	Description
16920	Optical Effects Drive VSFx 90 (Required for all Effects Disks)
16921	Fleecy Clouds Effect Disk
16922	Storm Clouds Effect Disk
16923	Thunder Clouds Effect Disk
16924	Rain Effect Disk
16925	Snow Effect Disk
16926	Running Water Effect Disk
16927	Smoke Effect Disk
16928	Flame Effect Disk
16929	Cumulus Cloud Effect Disk
16930	Nimbus Cloud Effect Disk
16931	Cirrus Cloud Effect Disk
16948	Metal Slide Carrier for 3 1/4" x 4" or 3 1/4" x 3 1/4" Slides

**Toccata EP**

Effects projector housing that uses a 2500W tungsten halogen lamp. A complete 3 1/4" x 4" or 3 1/4" x 3 1/4" slide projector comprises a Toccata EP, a slide carrier and an objective lens. A complete moving effects projector comprises a Toccata EP, the effects motor and disk housing, choice of objective lens, and choice of effects disk. The beam can be shaped by means of the adjustable mask accessory and may be redirected by use of the divertor mirror.

☑ 2500W ☑ 230/240V ⚖ 12.5kg (27.5lb) 📏 13.5kg (29.7lb)  
📦 0.140m³ (4.95cu ft) ✓ EN60 598 2-17 ⚡ 1.5.2

Cat No.	Description
16900	Toccata EP 2500W 230/240V, Excluding Lamp and Connector

**Toccata EP Objective Lenses & Accessories**

Objective lenses comprise lens and mounting assembly.

Cat No.	Description
43924	CP92 2000W, 240V Lamp
43923	CP92 2000W, 230V Lamp
43914	CP91 2500W, 240V Lamp
43913	CP91 2500W, 230V Lamp
16940	6.5cm Wide Angle Objective Lens, Standard
16941	10cm Medium Angle Objective Lens, Standard
16942	15cm Narrow Angle Objective Lens, Standard
16946	Adjustable Metal Mask
16947	Beam Divertor Mirror
82011	Hook Clamp, Heavy Duty
82001	Safety Cable, Heavy Duty

**Hyperbeam 1200**

A dynamic remotely controlled performance spotlight, designed for effect lighting of musicals and light entertainment shows. The unit directs the light beam using a remotely controlled pan/tilt diverting mirror. It also has the following built-in remotely controlled devices:- dimming shutter and strobe, one colour wheel with 9 colours and open white, two gobo wheels, one containing 9 fixed patterns, the other 4 rotatable patterns, focus control, Iris, and Prism wheel. The unit is supplied with an adjustable mounting bracket.

☑ 1200W ☑ 100/120/230/240/250V 50/60Hz ⚡ 18.5° ⚖ 49kg (107.8lb) 📏 59kg (129.8lb) 📦 0.0998m³ (3.52cu ft) ⚡ 5.1.1

Cat No.	Description
17570	Hyperbeam 1200 100V to 250V, 1200W

**Hyperbeam 1288**

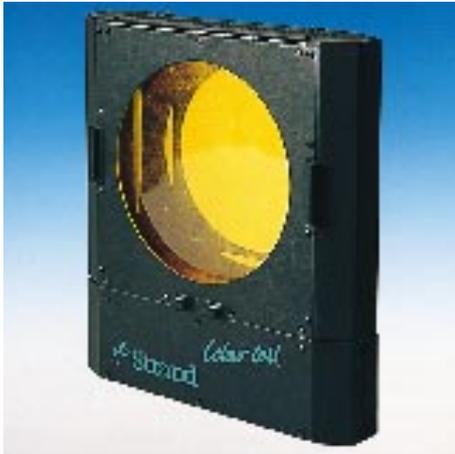
A dynamic remotely controlled performance spotlight, designed for effect lighting of musicals and light entertainment shows. The unit directs the light beam using a remotely controlled pan/tilt diverting mirror. It also has the following built-in remotely controlled devices:- dimming shutter and strobe, two dichroic colour wheels with 9 colours and open white, two gobo wheels, one containing 9 fixed patterns, the other 4 rotatable patterns, focus control, Iris, and Prism wheel. It has an infinite colour mixing system, using Cyan, Magenta, and Yellow dichroic colours. The unit is supplied with an adjustable mounting bracket.

☑ 1200W ☑ 100/120/230/240/250V 50/60Hz ⚡ 18.5° ⚖ 53kg (116.6lb) 📏 62kg (136.4lb) 📦 0.0998m³ (3.52 Cu.ft.) ⚡ 5.1.1

Cat No.	Description
17580	Hyperbeam 1288 100V to 250V, 1200W

**Hyperbeam Accessories**

Cat No.	Description
42213	MSR, 1200W, G22 Lamp



COLOURCALL CC



PALS

**PALS™**  
**AUTOMATED LIGHTING**

- High precision remote control lighting system
- Pan and tilt positioning and beam spread are all automated and memorised for accurate repeatability
- Pan/tilt resolution of 1:1000 (0.36° arc of movement)
- Provides flexible and efficient use of a given lighting position from a single luminaire.
- Enables effective use of difficult or dangerous to access positions
- Optional colour changer for further flexibility
- A range of control options available
- Can be quickly and easily controlled from Strand 430/530/550 consoles loaded with Tracker software

Strand's Precision Automated Lighting system (PALS) offers the lighting designer and facility manager all the benefits of remotely controlled position and focus adjustment while using lighting instruments with familiar beam qualities and colour temperatures.

The high precision remote control facilities provide rapid and safer set-ups for greater flexibility while enabling hundreds of focuses to be recalled at the touch of a button. PALS dependably repeats any recorded lighting design every time.

The key features of PALS are:

**● Economy**

Just a few well positioned PALS spotlights fitted with colour scrollers can replace the work of a much greater number of conventional luminaires. This saves on luminaires and the number of dimmer required as well as valuable focussing time.

**● Safety**

Pals spotlights can be used in difficult or inaccessible locations where operator safety during focusing is a concern.

**● Versatility**

All functions can be remotely controlled and positions memorised allowing the user to record general purpose presets as well as specific focus cues for a show.

As the general use of automated lighting is extending with the proliferation of scanners for dynamic visual effects, designers and facility managers are now recognising the benefits provided by the automation of conventional performance lighting instruments. For only a modest additional cost to the total system installation, PALS brings faster set up times and greater freedom to fine tune lighting designs for the designer. Facility managers will appreciate the improvement to safety as well as the potential for improved efficiencies within their responsibility.

Depending on the size and type of installation, control of PALS can be integrated with the intensity control of the lighting or remain completely independent. Each installation needs to be well planned and Strand Lighting's project planning teams are able to draw on their extensive experience with PALS installations to advise on each customer's requirements.

**COLOUR CALL™**  
**COLOUR SCROLLERS**

- Independent colour scroller units for use with spotlights or PALS automated luminaires
- Available in two sizes: CC1 for up to 2.5kW spotlights and CC2 for 2kW to 5kW studio Fresnels
- Quiet operation with two speed fan selection for extended filter life or ultra quiet mode
- Variable scroll length of colour filter, up to 16 frames
- Universal digital DMX 512 control for connection to most lighting control desks
- Simple removal of filter scrolls for interchange and replacement
- Local control to send gel string to beginning or end frame to check filter scroll and for additional ease of replacement
- Fast scroll speed of up to 11 frames in one second
- Colour change immediately responds to fader position
- Stepless slow fades up to 4 minutes possible with the PALS protocol
- Compatible with GSX, LBX, Strand 430/530 consoles
- Direct drive scroll position sensor avoiding need for scroll length detection on power up
- Safe low voltage 24V dc operation
- Rugged XLR 5 pin control connection system
- Accessory holder for diffusion filter or barndoor attachment
- Can be used in self-contained autocycle mode (bounce chase and bounce chase with delay between frames) without the need for a control desk
- Colour Call, CC1 supplied with two backplates for use with 6" and 8" Lekos™, Cantatas™, Alto™, Toccata™ and most Parcans
- Colour Call, CC2 provided with four adjustable brackets that can be accepted by most studio fresnels

**Colour Call Scrollers**

Strand Colour Call Scroller's reliability has been established in the testing conditions of professional shows around the world and meeting requirements of quiet operation in low noise environments. Colour Call can be used in conjunction with Strand spotlights, operated from a digital control system and requires power supply and splitter box. CC1 units are supplied with backplates to fit Cantata, Leko, Alto, Toccata and most parcans; CC2 units have built-in cylindrical fan and 4 mounting brackets that will accommodate most studio Fresnels (2kW-5kW). A standard 11 frame gel string is available as an option for both sizes of Colour Call.

■ 24VDC □ 0.3A (CC1), 0.7A (CC2) ■■■ DMX512, PALS, ■ 335 x 305 x 88mm (13.1" x 12.0" x 3.46") {CC1}, 520 x 580 x 100mm (20.4" x 22.8" x 3.93") {CC2} ■ 2kg (4.4lb) {CC1}, 5kg (11lb) {CC2} ■ 2.5kg (5.5lb) {CC1}, 6kg (13.2lb) {CC2} ■ 390 x 320 x 100mm (15.35" x 12.59" x 3.93") {CC1}, 850 x 550 x 250mm (33.46" x 21.6" x 9.84") {CC2} ✓ SELV i 5.2.1

**Cat No. Description**

55001	Colour Call Scroller CC1
55002	Colour Call Scroller CC2 (2/5kW size) with Fan

**Colour Call Accessories**
**Cat No. Description**

55024	Colour Call 24 Unit Power Supply, 230V, (up to 24 CC1 or 12 CC2), with 1m (3.3') 24V Power Cable (PSU to Splitter Box)
55025	Colour Call 24 Unit Power Supply, 115V, (up to 24 CC1 or 12 CC2), with 1m (3.3') 24V Power Cable (PSU to Splitter Box)
55030	Digital Splitter Box, Colour Call, max 24 CC1
55050	Data/Power Cable, Unterminated, Colour Call, per metre ('Daisy-chain' Cable), 100m min
55103	Data/Power Cable, Colour Call, 3m (10') ('Daisy-chain' Cable)
55105	Data/Power Cable, Colour Call, 5m (16.5') ('Daisy-chain' Cable)
55110	Data/Power Cable, Colour Call, 10m (33') ('Daisy-chain' Cable)
55115	Data/Power Cable, Colour Call, 15m (50') ('Daisy-chain' Cable)
55120	Data/Power Cable, Colour Call, 20m (66') ('Daisy-chain' Cable)
55125	Data/Power Cable, Colour Call, 25m (82.5') ('Daisy-chain' Cable)
55124	24V Colour Call Power Cable, 5m (16.5') (PSU to Splitter Box)
55031	Additional CC1 Backplate to fit Cantata, Leko 6"
55041	Additional CC1 Backplate to fit Alto, Toccata
55051	CC1 Backplate to fit Parcans and Leko 10"
55061	CC1 Backplate to fit Leko 6" only
55101	Filter 'Gel' String for CC1
55102	Filter 'Gel' String for CC2
55199	Gel Templates, Colour Call CC1
55150	Heat Resistant Sticky Tape
55151	Additional Bobbin with tensioning spring
55152	Additional Bobbin without tensioning spring

**IRIS™**  
CYCLORAMA LIGHT  
625W, 1000W, 1250W

- Top-mounting cyclorama lighting range
- Suitable for TV studio and theatre cycloramas
- Exceptionally even beam distribution
- Wide range of versions including split stirrup for Iris 2 and Iris 4
- Mini Iris with identical performance available for smaller studios
- Black finish to blend with studio roof
- Designed for 625W, 1000W or 1250W 189mm linear tungsten halogen 3200K lamps
- Supplied with 29mm spigot, wire guard, colour frame and power cable
- Mini Iris supplied with wire guard, yoke with 16mm female socket and 4m cable

**Iris 1**

Single compartment cyc light in manual or pole operated (tilt only) versions, is supplied with tubular steel stirrup with 29mm spigot, drop-in colour frame and wireguard with safety bond, and 5m power cable.

W 1250W V 230/240V I 7.8kg \* 1350 Lux ◀ 3.3m  
X 305 x 395mm I 12kg Q 0.133m³ ✓ EN60598 2-17 i 2.4.2

**Cat No. Description**

26070	Iris 1 Manually Operated Cyc light
26080	Iris 1 Pole Operated (tilt only) Cyc light

**Iris 2**

Double compartment cyc light in vertical or horizontal arrangement with pole operation of tilt. Supplied with tubular steel stirrup with 29mm spigot, and 7m power cable for each compartment. The split stirrup version of Iris 2 vertical enables the two compartments to be set at different angles.

W 1250W V 230/240V I 12.5kg \* 1350 Lux (per compartment) ◀ 3.3m X 305 x 395mm I 17.5kg Q 0.193m³ ✓ EN60598 2-17 i 2.4.2

**Cat No. Description**

26100	Iris 2 Vertical Pole Operated (tilt only)
26110	Iris 2 Horizontal Pole Operated (tilt only)
26090	Iris 2 Split Stirrup Pole Operated (vertical)

**Iris 3**

Three compartment horizontal cyc light with pole operation of tilt and 7m power cable for each compartment.

W 1250W V 230/240V I 19kg \* 1350 Lux (per compartment) ◀ 3.3m X 305 x 395mm I 25kg Q 0.235m³ ✓ EN60598 2-17 i 2.4.2

**Cat No. Description**

26130	Iris 3 Pole Operated
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**Iris 4**

Four compartment cyc light with pole operation of tilt and 7m power cable for each compartment. The split stirrup version of Iris 4 has two separately adjustable Iris 2 units to enable the double horizontal compartments to be set at different angles.

W 1250W V 230/240V I 24kg \* 1350 Lux (per compartment) ◀ 3.3m X 305 x 395mm I 32kg Q 0.291m³ ✓ EN60598 2-17 i 2.4.2

**Cat No. Description**

26150	Iris 4 Pole Operated
26140	Iris 4 Split Stirrup Pole Operated



IRIS 4



IRIS 1



IRIS 2 VERTICAL

**Mini Iris**

Single compartment cyc light with 4m power cable. Outrig colour frame optionally available.

W 1250W V 230/240V I 3kg \* 1350 Lux ◀ 3.3m  
✓ EN60598 2-17 i 2.4.2

**Cat No. Description**

26060	Mini Iris 1 Cyc light
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**Iris Accessories**

**Cat No. Description**

43104	P2/10, 625W, 240V Lamp
43103	P2/10, 625W, 230V Lamp
43074	P2/7, 1000W, 240V Lamp
43073	P2/7, 1000W, 230V Lamp
43124	P2/12, 1250W, 240V Lamp
43123	P2/12, 1250W, 230V Lamp
28011	Additional Colour Frame
28012	Spare Wire Mesh Guard
82012	Hook Clamp to accept 29mm Spigot
82002	Safety Bond, 50kg
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**Mini Iris Accessories**

**Cat No. Description**

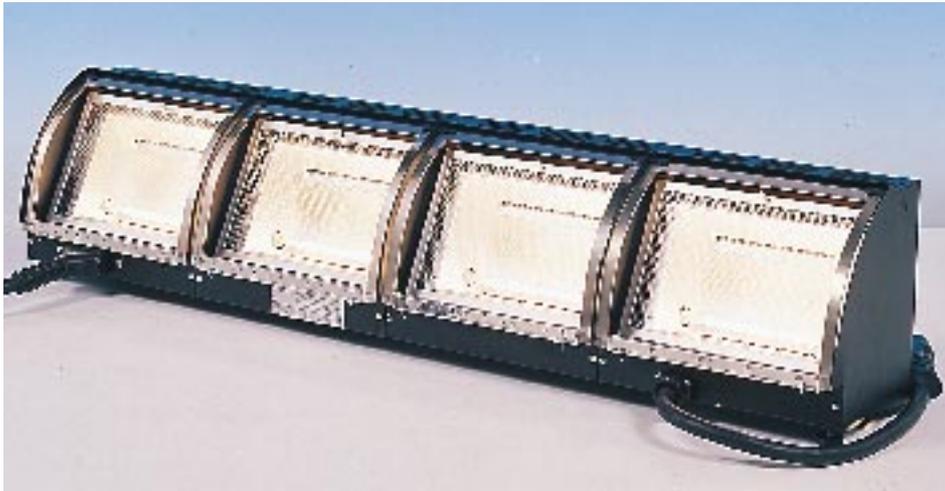
28010	Outrig Colour Frame
82603	Large Gaffer Grip 16mm Spigot
82002	Safety Bond, 50kg



MINI IRIS WITH OUTRIG COLOUR FRAME



ORION 4 HINGED



ORION 4 RIGID



IADI CYC AND IADI FILL

**ORION™**  
**GROUNDROW**  
 625W, 1000W, 1250W

- Floor-standing high-quality groundrow units for even coverage of TV studio cycloramas
- Single, 4-compartment fixed, and 4-compartment hinged versions
- Accepts 625W, 1000W or 1250W linear 189mm tungsten halogen 3200K lamps
- Supplied in black, with wire guard and colour frame
- Orion single fitted with 5m supply cable. Orion 4 has 9-pin male power input socket and short tail with female plug for 4-circuit operation
- 9-core to 4 x 3 core splitter cable required for 4-circuit power input

**Orion Single**

Single compartment floor-standing cyclight, with 5m power cable to bare ends.

 1250W 
  230/240V 
  4.5kg 
  4550 Lux 
  1.2m 
  0.028m<sup>3</sup>
 EN60598 2-17 
  £ 2.4.3

**Cat No. Description**

26010	Orion Single Unit Groundrow
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ORION SINGLE UNIT

**Orion 4**

Choice of a 4-way rigid or 4-way hinged floor-standing cyc light. The hinged version is designed to adjust for the curve of a cyclorama. Supplied with 9-pin recessed male input connector, and short 9 core output cable to female socket for connecting to adjacent unit.

 1250W 
  230/240V 
  14.5kg 
  4550 Lux (per compartment) 
  1.2m 
  0.153m<sup>3</sup>
 EN60598 2-17 
  £ 2.4.3

**Cat No. Description**

26040	Orion 4 Rigid Groundrow
26050	Orion 4 Hinged Groundrow

**Orion Accessories**
**Cat No. Description**

43104	P2/10, 625W, 240V Lamp
43103	P2/10, 625W, 230V Lamp
43074	P2/7, 1000W, 240V Lamp
43073	P2/7, 1000W, 230V Lamp
43124	P2/12, 1250W, 240V Lamp
43123	P2/12, 1250W, 230V Lamp
28001	Additional Colour Frame
28002	7m Feeder Cable, Orion 4
28000	Cover for Cable Connector

**IADI™**  
**PORTABLE FILL & CYC LIGHTS**  
 1000W

- Compact, high power cyc and fill lights in black finish
- Ideal for cyc lighting and backlighting in small video and TV studios, and on location
- Accepts 800W or 1000W 119mm linear tungsten halogen 3200K lamps or 200W, 300W or 500W K-type lamps
- Stirrup has 16mm female socket
- Lamp ordered separately
- Supplied with integral wire guard and barndoors with colour filter clips, stirrup with 16mm female socket and 4m power cable with in-line switch as standard.

**Iadi**

Iadi Cyc has an asymmetric reflector and is used for lighting TV studio and location backings and cycloramas; Iadi Fill uses the same housing with a symmetrical reflector for a wide angle, even beam.

 1000W 
  230/240V 
  98° 
  2.3kg 
  440 Lux (Iadi Fill) 
  5m 
  0.01m<sup>3</sup>
 EN60598 2-17 
  £ 2.4.3

**Cat No. Description**

26024	Iadi Fill 1000W, 240V Floodlight
26023	Iadi Fill 1000W, 230V Floodlight
26030	Iadi Cyc 1000W Cyc light

**Iadi Accessories**
**Cat No. Description**

43204	P2/20, 1000W, 240V Lamp
43203	P2/20, 1000W, 230V Lamp
43114	P2/11, 800W, 240V Lamp
43113	P2/11, 800W, 230V Lamp
44014	K1 500W, 240V Lamp
44013	K1 500W, 230V Lamp
28003	Set of 4 Reflectors for Barndoors
82023	16mm Spigot Adaptor
82024	29mm Spigot/16mm Socket
82600	Magic Arm Set
82601	Adjustable Skyhook with 2 Spigots
82602	Small Gaffer Grip 16mm Spigot
81007	Apollo Stand, Black
81005	Spartan Stand, Black
81001	Table Stand with 16mm Spigot
82700	Reflector Pack (Gold)
28004	Full Double Scrim
28005	Full Single Scrim
28006	Dichroic Filter
28007	Opal Glass Diffuser
82000	Safety Cable, Light Duty (up to 16kg)



PINZA



PULSAR WITH BARNDOORS



REDHEAD WITH BARNDOORS

**PINZA™**  
PORTABLE FILL LIGHT  
500W

- Compact and versatile, orange finish 500W fill light
- Ideal for photographic and video lighting
- Range of accessories available
- Supplied with, flexible arm and clamp for quick attachment to any convenient mounting, and 4 metres of power cable with in-line switch
- Requires P2/I 500W lamp which is ordered separately

**Pinza**

Lightweight and versatile open-faced fill light. Accessories include a barndoor with integral wire guard. The accessory holder for the 'Redhead' 800W range when fitted to the Pinza allows the use of most 'Redhead' accessories. Supplied with 4 metres of power cable with in-line switch.

500W 230/240V 1.5kg \* depends on lamp 3m  
1.7kg 0.01m³ EN60 598 2-17 i 2.5.5

Cat No.	Description
21010	Pinza 500W

**Pinza Accessories**

Cat No.	Description
43014	P2/I 500W, 240V Lamp
43013	P2/I 500W, 230V Lamp
28020	Barndoor, 4-Leaf Rotating with Integral Wire Guard

**PULSAR™**  
PORTABLE FOCUSING FLOODLIGHT  
650W

- Lightweight and compact open-faced floodlight with safety mesh
- Designed for portable and video lighting
- Variable beam from 27.5° to 70°
- Cool heat-resistant polyester/glass fibre luminaire with orange finish housing
- Range of accessories available
- Also featured in a number of QuartzColor portable kits
- Supplied with A1/233 650W 240V lamp, 4-leaf barndoor, 4 metres of power cable with in-line switch

**Pulsar**

Compact portable 650W floodlight with a strong and lightweight heat-resistant polyester/glass fibre housing. Variable beam is controlled by a focus knob at the rear of the unit. Supplied with 4 metres power cable with in-line switch, barndoor, and A1/233 650W lamp.

Also available in revised range of portable kits (see page 19).

650W 230/240V 27.5° - 70° 1.64kg \* 4155 Lux  
3m 110mm dia. 1.82kg 0.008m³ EN60 598 2-17 i 2.5.5

Cat No.	Description
21024	Pulsar, 240V Lamp
21023	Pulsar, 230V Lamp

**Pulsar Accessories**

Cat No.	Description
43334	Additional A1/233 650W, 240V Lamp
43333	Additional A1/233 650W, 230V Lamp
28041	Safety Glass in Mount
28042	'Daylight' Dichroic Filter in Mount
28301	Scrim Set No.1 (full & half 50%; full & half 66%)
82700	Reflector Pack (Gold)
82605	Handgrip
82602	Small Gaffer Grip 16mm Spigot
81001	Table Stand with 16mm Spigot
81003	Mercury Stand, Black
81005	Spartan Stand, Black

**REDHEAD™**  
PORTABLE FOCUSING FLOODLIGHT  
800W & 1000W

- Lightweight variable beam floodlight
- Ideal for location and video lighting
- Quick and easy to use focus control
- Heat-resistant polyester/glass fibre luminaire housing in orange finish
- Range of accessories available
- Also featured in a number of QuartzColor portable kits
- Standard versions supplied with 800W P2/I3(DXX) 89mm linear tungsten halogen lamp, 4 metres of power cable with in-line switch

**Redhead 800 & 1000**

Lightweight and powerful open-faced variable focus floodlight constructed from heat-insulating glass fibre reinforced polyester plastics. Each model in the Redhead range comes complete with safety mesh and 4 metres of power cable with in-line switch and appropriate lamp. Available in six versions:

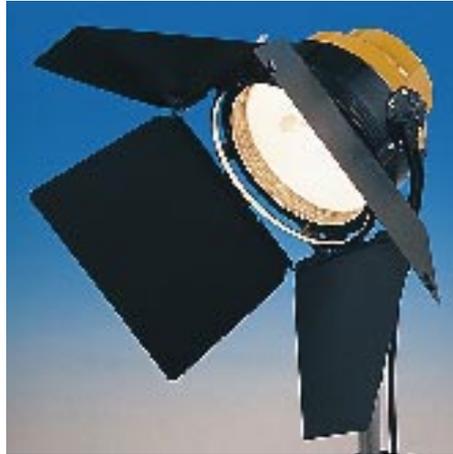
1. Complete with 800W lamp, accessory holder, barndoor and stirrup with 16mm socket for stand mounting.
2. With 800W lamp and stirrup only for stand mounting.
3. With 800W lamp and adjustable arm fitted to spring clamp for attachment to any available support.
4. 1000W version to take 1000W P2/35 lamp, and stirrup only for stand mounting.
5. 1000W version to take 1000W P2/35 lamp, and adjustable arm fitted to spring clamp for attachment to any available support.
6. Special 24V 'Fire Brigade' Redhead version with A1/223 24V 250W lamp and integral safety glass for use as 'scene of incident' illumination.

Also available in revised range of portable kits (see page 19).

800W 230/240V 47° - 87° 1.3kg \* 740 Lux 6m  
1.54kg 0.008m³ EN60 598 2-17 i 2.5.5



PULSAR 3 KIT



BLONDE WITH BARNDOORS



REDHEAD 4 KIT

Cat No.	Description
21034	Redhead, 240V, 800W Lamp, Stirrup, Barndoor, Accessory Holder
21033	Redhead, 230V, 800W Lamp, Stirrup, Barndoor, Accessory Holder
21044	Redhead, 240V, 800W Lamp, Head Only, Stirrup Mount
21043	Redhead, 230V, 800W Lamp, Head Only, Stirrup Mount
21064	Redhead, 240V, 800W Lamp, Head Only, Clamp Mount
21063	Redhead, 230V, 800W Lamp, Head Only, Clamp Mount
21054	Redhead, 240V, 1000W Lamp, Head Only, Stirrup Mount
21053	Redhead, 230V, 1000W Lamp, Head Only, Stirrup Mount
21074	Redhead, 240V, 1000W Lamp, Head Only, Clamp Mount
21073	Redhead, 230V, 1000W Lamp, Head Only, Clamp Mount
21080	'Fire Brigade' Redhead, 24V, 250W

### Redhead Accessories

Cat No.	Description
43134	Additional P2/13(DXX) 800W, 240V Lamp
43133	Additional P2/13(DXX) 800W, 230V Lamp
45220	Additional A1/223 24V 250W Lamp (for 'Fire Brigade' Version)
43354	Additional P2/35 1000W, 240V Lamp (for 1000W Version)
43353	Additional P2/35 1000W, 230V Lamp (for 1000W Version)
28021	Accessory Holder
28022	Barndoor, 4-Leaf Rotating
28023	Wire Mesh Guard, 3mm
28024	Safety Glass in Mount
28025	'Daylight' Dichroic Filter
28302	Scrim Set No.2 (full & half 50%; full & half 66%)
82700	Reflector Pack (Gold)
82605	Handgrip
82602	Small Gaffer Grip 16mm Spigot
81005	Spartan Stand, Black
81007	Apollo Stand, Black

### BLONDE™ PORTABLE FOCUSING FLOODLIGHT 2000W

- Lightweight high-power variable beam floodlight in yellow finish
- Widely used for ENG, outside broadcast and location lighting
- Moving reflector focus control
- Range of accessories available
- Also available in QuartzColor portable kits
- Supplied with P2/27(FEX) 2000W lamp, barndoor, safety mesh, and 5 metres of power cable with in-line switch

### Blonde

Powerful open-faced floodlight with a moving reflector focusing mechanism to vary the beam from 27.5° to 72° with even light distribution. Supplied complete with 5 metres of power cable with in-line switch, safety mesh, barndoor and 2000W FEX lamp.

Also available in revised range of portable kits (see page 19/20).

W 2000W V 230/240V ◀ 27.5° - 72° ■ 3.85kg ✱ 1310 Lux  
◆ 10m ▣ 4kg ■ 0.028m<sup>3</sup> ✓ EN60 598 2-17 † 2.5.5

Cat No.	Description
21104	Blonde, 2000W, 240V
21103	Blonde, 2000W, 230V

### Blonde Accessories

Cat No.	Description
43274	Additional P2/27(FEX) 2000W, 240V Lamp
43273	Additional P2/27(FEX) 2000W, 230V Lamp
28050	Barndoor, 4-Leaf Rotating
28051	Wire Mesh Guard, 3mm
28052	Wire Mesh Guard, 12mm
28053	Safety Glass in Mount
28054	'Daylight' Dichroic Filter
28304	Scrim Set No.4 (full & half 50%; full & half 66%)
82700	Reflector Pack (Gold)
82603	Large Gaffer Grip 16mm Spigot
81009	Trojan Stand, Black
81011	Hercules Stand, Black with Castors

### PORTABLE LIGHTING KITS

★NEW★

300W to 2000W

- Selection of QuartzColor portable location lights and accessories in a comprehensive range of kits
- Ideal for ENG, EFP and set piece lighting
- Convenient transportable cases
- Developed for fast set-up and repacking
- Ideal for studio and location lighting

### Pulsar 3 Kit

Comprises 3 Pulsar heads with safety glass and A1/233 650W lamps, 3 barndoors, scrim set (1 each of full double, full single, half double, half single), 3 Mercury stands, in carry case.

*i 2.6.2 For Pulsar details see page 18.*

Cat No.	Description
23114	Pulsar 3 Kit, 240V
23113	Pulsar 3 Kit, 230V

### Redhead 3 Kit

Comprises 3 Redheads with safety glass and DXX 800W lamps, 3 accessory holders, 3 barndoors, scrim set (1 each of full double, full single, half double, half single), 3 Spartan stands, in carry case.

*i 2.6.2 For Redhead details see page 18.*

Cat No.	Description
23034	Redhead 3 Kit, 240V
23033	Redhead 3 Kit, 230V

### Redhead 4 Kit

Comprises 4 Redheads with safety glass and DXX 800W lamps, 4 accessory holders, 4 barndoors, scrim set (1 each of full double, full single, half double, half single), 3 Spartan stands, gaffer grip, in carry case.

*i 2.6.2 For Redhead details see page 18.*

Cat No.	Description
23044	Redhead 4 Kit, 240V
23043	Redhead 4 Kit, 230V

### Single Blonde Kit

Comprises a single 2000W Blonde with safety glass and FEX 2000W lamp, barndoor, and scrim set (each of full double, full single, half double, half single) in a kit case.

*i 2.6.2 For Blonde details see this page.*

Cat No.	Description
23014	Single Blonde Kit, 240V
23013	Single Blonde Kit, 230V



DOUBLE BLONDE KIT



BAMBINO 650 KIT

### Double Blonde Kit

Comprises 2 Blonde heads with safety glass and FEX 2000W lamps, 2 barndoors, and scrim set (1 each of full double, full single, half double, half single) in a kit case.

*i 2.6.2 For Blonde details see page 19.*

Cat No.	Description
23024	Double Blonde Kit, 240V
23023	Double Blonde Kit, 230V

### Bambino 650 Kit ★NEW★

Comprises 3 Bambino 650 heads CP89 lamps, 3 barndoors, 3 scrim sets (1 each of full double, full single, half double, half single), 3 colour frames and three Spartan stands in a kit case.

*i 2.6.2 For Bambino 650 details see page 26.*

Cat No.	Description
23264	Bambino 650 Kit, 240V
23263	Bambino 650 Kit, 230V

### Bambino/ladi Kit ★NEW★

Comprises 2 Bambino 650 heads with CP89 650W lamps, 2 barndoors, 2 scrim sets (1 each of full double, full single, half double, half single), and 2 colour frames. 1 ladi Fill head with P2/20 1000W lamp, plus full double scrim and full single scrim. 3 Spartan stands, in a kit case.

*i 2.6.2 For Bambino 650 details see page 26 and ladi details see page 17.*

Cat No.	Description
23284	Bambino/ladi, 240V
23283	Bambino/ladi, 230V



REPORTERLIGHT KIT

### REPORTERLIGHT™ KITS

200W DAYLIGHT  
100W to 300W TUNGSTEN

- Compact and lightweight range of portable lighting kits
- Designed for ENG/EFP applications
- All versions are hand held but can also be stand or camera mounted
- Daylight and tungsten versions available
- Daylight models use flicker free electronic ballasts
- Mains and battery versions available
- All kits are supplied in lightweight, rugged transport cases but separate components can be supplied to order

### Reporterlight 200 Kit

A hand held or camera mounted head for a 200W MSR discharge source for daylight colour temperature lighting. Kits comprise one head with lamp and 4-leaf barndoor, mains or battery ballast (with battery and charger as relevant), diffusion filter, conversion filter to tungsten (3200K), spare safety glass, camera and stand adaptors, and power cable, all packed in a carry case.

☒ 200W ☐ 18° - 55° ⚖ 1.3kg (Head) ✨ 1470 Lux ⚡ 7.5m  
✓ EN60 598 2-17 *i 2.6.3*

Cat No.	Description
23510	Reporterlight 200 Mains Kit
23520	Reporterlight 200 Battery Kit
23530	Reporterlight 200 Mains/Battery Kit
23540	Reporterlight 200 Battery Belt Kit
23550	Reporterlight 200 Mains/Battery Belt Kit

### Reporterlight 100 Kit

A hand held or camera mounted head for a 100W 12V tungsten halogen lamp for short-throw illumination. The head is fused for protection, and fitted with a battery level indicator. It is operated by a conveniently positioned on/off switch and focus control. Kit comprises one head, diffusion filter, camera shoe adaptor, 12V battery belt and charger, packed in a carry case.

☒ 100W ☒ 12V ☐ 36° - 60° ⚖ 0.7kg (Head) ✨ 720 Lux  
⚡ 2.5m ✓ EN60 598 2-17 *i 2.6.3*

Cat No.	Description
23640	Reporterlight 100 Kit

### Reporterlight 250 Kit

A hand held or camera mounted head for a 250W 30V tungsten halogen lamp for longer throw use. The head is fused for protection, and is fitted with a battery level indicator. It is operated by a conveniently positioned on/off switch and focus control. Kit comprises one head with diffusion filter, conversion filter to daylight (5600K), super spot reflector assembly for longer throws, camera shoe adaptor, shoulder-strap 30V battery and charger, packed in a carry case.

☒ 250W ☒ 30V ☐ 36° - 52° ⚖ 0.7kg (Head) ✨ 600 Lux  
⚡ 5m ✓ EN60 598 2-17 *i 2.6.3*

Cat No.	Description
23650	Reporterlight 250 Kit

### Reporterlight 300 Kit

A mains-powered 300W tungsten halogen lamp for hand held or stand mounted use to provide lighting for set piece interview situations. Kit comprises three heads with 4-leaf rotatable barndoors, 3 lamps, 1 camera shoe adaptor, three stands, three 16mm spigots, 1 diffusion filter, 3 conversion filters to daylight (5600K), packed in a rugged transport case.

☒ 300W ☒ 230/240V ☐ 22° - 70° ⚖ 0.93kg (Head)  
✨ 1140 Lux ⚡ 5m ✓ EN60 598 2-17 *i 2.6.3*

Cat No.	Description
23630	Reporterlight 300 Kit

### Reporterlight Kit Accessories

Cat No.	Description
42201	Additional 200W, MSR Lamp
45003	Additional 100W, A1/215 (FCK), 12V Lamp
45004	Additional 250W, EPL, 30V Lamp
43023	Additional 300W, VL300, 230V Lamp
43024	Additional 300W, VL300, 240V Lamp

**SUPERQUASAR™ & QUASAR™**

DAYLIGHT PARLIGHTS  
1200W to 6000W HMI SE  
1200W PAR 64 HMI or CID

- A comprehensive range of powerful location Parlights
- Ideal for rental applications and for exterior location lighting
- Full range designed around single-ended HMI lamps
- 1200W version for Par 64 HMI or CID lamp
- Daylight colour temperature
- SuperQuasar 25/12 and 40/25 incorporate additional focus control
- Beam control using spreader lenses
- Supplied with set of lens holders and 7.5m head extension cable
- Requires appropriate ballast

**Quasar 12 HMI/CID Parlight**

High intensity location Parlight using either a 1200W HMI or CID Par 64 daylight lamp. Output approximately equal to 4kW HMI Fresnel in spot focus. A microswitch prevents the lamp operating if the front section is opened. Supplied with integral ignitor and illuminated pushbutton on/off controls, set of four lens holders, 7.5m extension cable to ballast.

☑ 1200W ☑ designated by ballast ◀ 3°-21° (depending on lens type) ⚖ 9kg ✱ 1315 Lux ◀ 40m 📏 14kg 📦 0.145m<sup>3</sup>  
✓ EN60 598 2-17 i 2.8.1

Cat No.	Description
24702	Quasar 12

**Quasar Accessories**

Cat No.	Description
42031	1200W Par 64 HMI Lamp (Complete with set of Beam Shaping Lenses)
42030	1200W Par 64 CID Lamp (No Lenses)
28198	Beam Spreading Lenses (Set of 5)
28197	Spare Lens Holder (Single)
25230	Compact Magnetic Ballast 1.2kW
25030	Electronic Ballast, Dual 575W/1.2kW
25040	Electronic Ballast, Dual 1.2kW/2.5kW
28203	Additional Extension Cable 1200W, 7.5m
28204	Extension Cable 1200W, 15m
28050	Barndoor, 4-Leaf Rotating
81022	Atlas Stand with Castors
81011	Hercules Stand, Black, with Castors
82012	Hook Clamp to accept 29mm Spigot
82002	Safety Bond, 50kg
82013	Hook Clamp to accept 29mm Spigot (32-62mm Barrel)

**SuperQuasar 25/12 Parlight**

High intensity location Parlight uses a 2500W or 1200W single-ended HMI or MSR daylight lamp in parabolic reflector. Microswitch prevents the lamp operating if the front section is opened. Focus adjustment for both 2500W and 1200W lamps. Externally operated quick-release socket allows easy lamp change. Supplied with integral ignitor and illuminated pushbutton on/off controls, set of four lens holders, 7.5m extension cable to ballast. Dual wattage ballast available to operate both 2500W & 1200W.

☑ 2500W ☑ designated by ballast ◀ 3°-46° (depending on lens type) ⚖ 15.5kg ✱ 2125 Lux ◀ 40m 📏 22kg 📦 0.165m<sup>3</sup>  
✓ EN60 598 2-17 i 2.8.1

Cat No.	Description
24802	SuperQuasar 25/12



SUPERQUASAR 25/12

**SuperQuasar 25/12 Accessories**

Cat No.	Description
42103	2500W HMI SE Lamp
42102	1200W HMI SE Lamp
25230	Compact Magnetic Ballast 1.2kW
25240	Compact Magnetic Ballast, 2.5kW
25030	Electronic Ballast, Dual 575W/1.2kW
25040	Electronic Ballast, Dual 1.2kW/2.5kW
25050	Electronic Ballast, Dual 2.5kW/4kW
28205	Additional Extension Cable 2500W, 7.5m
28206	Extension Cable 2500W, 15m
28031	Adaptor Cable for use with 1200W Lamp
28050	Barndoor, 4-Leaf Rotating
28198	Beam Spreading Lenses (Set of 4)
28197	Additional Lens Holder (Single)
81022	Atlas Stand, with Castors
81011	Hercules Stand, Black, with Castors
82012	Hook Clamp to accept 29mm Spigot
82002	Safety Bond, 50kg
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**SuperQuasar 40/25 Parlight**

High intensity location Parlight using a 4000W or 2500W single-ended HMI or MSR daylight lamp. Microswitch prevents the lamp operating if the front section is opened. Focus adjustment for both 4000W and 2500W lamps. Externally operated quick-release socket allows easy lamp change. Supplied with integral ignitor and illuminated pushbutton on/off controls, set of four custom-designed 295mm diameter spreader lenses and holders, 7.5m extension cable\* to ballast. Dual wattage ballast available to operate both 4000W & 2500W

☑ 4000W ☑ designated by ballast ◀ 4°-44° (depending on lens type) ⚖ 20kg ✱ 2875 Lux ◀ 40m 📏 32kg 📦 0.165m<sup>3</sup>  
✓ EN60 598 2-17 i 2.8.1

Cat No.	Description
24902	SuperQuasar 40/25*

**SuperQuasar 40/25 Accessories**

Cat No.	Description
42103	2500W HMI SE Lamp
42104	4000W HMI SE Lamp
25250	Compact Magnetic Ballast, 4000W
25240	Compact Magnetic Ballast, 2.5kW
25040	Electronic Ballast, Dual 1.2kW/2.5kW
25050	Electronic Ballast, Dual 2.5kW/4kW
25060	Electronic Ballast, Dual 4kW/6kW
28207	Additional Extension Cable* 4000W, 7.5m
28208	Extension Cable* 4000W, 15m
28032	Adaptor Cable for use with 2500W Lamp
28070	Barndoor, 4-Leaf Rotating
28195	Additional Lens Holder (Single)
28196	Additional Beam Spreading Lenses (Set of 4)
81022	Atlas Stand, with Castors
81011	Hercules Stand, Black, with Castors
82012	Hook Clamp to accept 29mm Spigot
82002	Safety Bond, 50kg
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot



SUPERQUASAR 40/25



SUPERQUASAR 60

**SuperQuasar 60 Parlight ★NEW★**

High intensity location Parlight designed in Hollywood, using a 6000 single-ended HMI daylight lamp gives a punch to match an 18K fresnel. Lightest and most compact fixture available. Microswitch prevents the lamp operating if the front section is opened. Externally operated quick-release socket allows easy lamp change. Secondary lamp support reduces lamp base stress. Supplied with integral ignitor and illuminated pushbutton on/off controls, set of four custom-designed 350mm diameter spreader lenses and holders, 7.5m or 15m extension cable to ballast.

☑ 6000W ☑ designated by ballast ⚖ 16kg

Cat No.	Description
24952	SuperQuasar 60, 7.5m Extension Cable
24950	SuperQuasar 60, 15m Extension Cable

**SuperQuasar 60 Accessories**

Cat No.	Description
42105	6000W HMI SE Lamp
25260	Compact Magnetic Ballast, 6kW
25060	Electronic Ballast, Dual 4kW/6kW
25070	Electronic Ballast, Dual 6kW/12kW
28209	Extension Cable 6000W, 8m
28210	Extension Cable 6000W, 15m
81022	Atlas Stand, with Castors
81015	Goliath Stand, Black
81017	Sampson Wind-up Stand, Black
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**SUPERNOVA™ ★NEW★**

DUAL WATTAGE DAYLIGHT  
FRESNELS  
1200W to 4000W HMI/SE

- Compact, lightweight daylight fresnels
- Optimising benefits of 4000W, 2500W and 1200W single ended HMI/MSR lamps
- Superior performance in wide angle settings
- High quality optical systems
- New ignitor design ensures quiet operation with square wave electronic ballasts
- Easy access focus knob
- Quick release lampholder
- Many operational refinements
- Now fitted with skirts
- Optional LED hour counter
- 110-240V operation with appropriate ballast

**Supernova 25/12 SE**

Compact and lightweight Motion Picture and Television HMI Fresnel. Uses single ended 2500W or 1200W HMI lamp with 250mm diameter lens. Supplied with colour frame, 4-leaf rotating barndoor and 7.5m head cable.

☑ 2500W ☑ designated by ballast\*\* ☐ 7°-60° ☐ 16.3kg  
\* 2000Lux ◀ 24m(Spot) 8m(Flood) ✕ 320mm dia ☐ 28.5kg  
☐ 0.261m<sup>3</sup> ✓ EN60 598 2-17 i 2.7.4

**Cat No. Description**

24140	Supernova 25/12
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**Supernova 25/12 SE Accessories****Cat No. Description**

42102	1200W HMI SE Lamp
42103	2500W HMI SE Lamp
28031	Adaptor Cable for 1200W Operation
25230	Compact Magnetic Ballast, 1.2kW
25240	Compact Magnetic Ballast, 2.5kW
25030	Electronic Ballast, Dual 575W/1.2kW
25040	Electronic Ballast, Dual 1.2kW/2.5kW
25050	Electronic Ballast, Dual 2.5kW/4kW
28090	Cone (110mm)
28091	Cone (150mm)
28092	Cone (195mm)
28093	Additional Colour Frame, 320mm
28070	Additional Barndoor, 4-Leaf Rotating, 320mm
28071	Barndoor, 8-Leaf Rotating
28306	Scrim Set No.6 (Full & half 50%, full & half 66%)
28205	Additional Head Cable, 7.5m
28206	Head Cable, 15m
81022	Atlas Stand, with Castors
81015	Goliath Stand, Black
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**Supernova 40/25 SE**

Compact and lightweight Motion Picture and Television HMI Fresnel. Uses single ended 2500W or 4000W HMI lamp with 300mm diameter lens. Supplied with colour frame, 4-leaf rotating barndoor and 7.5m head cable.

☑ 4000W ☑ designated by ballast ☐ 9°-72° ☐ 19.5kg  
\* 2000Lux ◀ 27m(Spot) 9.5m(Flood) ✕ 405mm dia ☐ 31.5kg  
☐ 0.261m<sup>3</sup> ✓ EN60 598 2-17 i 2.7.4

**Cat No. Description**

24150	Supernova 40/25
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SUPERNOVA 25/12



SUPERNOVA 200i



SUPERNOVA 40/25

**SUPERNOVA 200i ★NEW★**

DAYLIGHT FRESNEL WITH  
INTEGRAL BALLAST  
200W HMI/SE

- Excellent wide spread performance from the largest lens in it's class
- Combination ballast/head design for convenience in rigging and transportation
- No cumbersome extension cables and expensive connectors
- Head mounted on/off switch
- 230V or 120V operation
- Dimming to 50% from control knob adjacent to focus control
- Flicker free filming from electronic ballast
- Uses same accessories as new Bambino 650

**Supernova 200i**

Supernova 200i is based on the new Bambino 650 luminaire but with the 200W single ended HMI lamp (MSR) and takes advantage of the latest developments in ignitor and electronic ballast technology to enable the ballast to be integrated with the head. Supplied with integral ballast, barndoor, colour frame, yoke with 16mm socket and 4m of 3-core cable.

i 2.7.5

**Cat No. Description**

24110	Supernova 200i
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**Supernova 200i Accessories****Cat No. Description**

42201	200W MSR Lamp
28309	Scrim Set No.9 (full & half 50%; full & half 66%)
28049	Cone - Variable Aperture
28047	Additional Colour Frame
28048	Additional Barndoor
82002	Safety Bond, 50kg
82020	16mm Socket to 29mm Spigot Adaptor
82603	Large Gaffer Grip 16mm Spigot
81009	Trojan Stand, Black
81011	Hercules Stand, Black with Castors



SIRIO 575W



SIRIO 1200W



SIRIO 4000W

**SIRIO™**
**DAYLIGHT FRESNELS**

 575W, 1200W, 2500W,  
4000W & 6000W HMI DE

- A range of daylight fresnels in compact, lightweight housings
- Ideal for interior or location filming
- Accepts double-ended HMI lamp
- Available as complete systems with compact magnetic or electronic "flicker-free" ballasts
- All units have easy access to lamps for replacement
- All Sirios fitted with skids for stability when dismantled
- On-Off illuminated push buttons for head or ballast operation
- Hour counter incorporated to measure lamp life
- Each supplied in black finish with barndoor, colour frame, wire guard and 7.5m cable to ballast
- 110-240V operation with appropriate ballast (6000W 200-240V)

**Sirio 575W Daylight Fresnel**

Sirio 575 uses double-ended HMI lamp with 150mm diameter lens. Supplied with 7.5m cable to ballast, colour frame, wire guard, 4-leaf rotating barndoor and manual operated stirrup with 29mm spigot.

**W** 575W **W** designated by ballast  $\leq$  8°- 47° **W** 10.5kg  
 \* 2000 Lux  $\blacktriangleleft$  11m (spot), 3.5m (flood)  $\times$  230mm dia. **W** 15kg  
**W** 0.078m<sup>3</sup>  $\checkmark$  EN60 598 2-17 *i* 2.7.3

Cat No.	Description
24320	Sirio 575

**Sirio 575W Accessories**

Cat No.	Description
42301	575W HMI DE Lamp
25220	Compact Magnetic Ballast, 575W
25030	Electronic Ballast, Dual 575/1200W
28201	Extension Cable 575W, 7.5m
28202	Extension Cable 575W, 15m
28305	Scrim Set No.5 (full & half 50%; full & half 66%)
28083	Cone 55mm
28084	Cone 75mm
28085	Cone 105mm
28110	Additional Barndoor, 4-Leaf Rotating
28111	Barndoor, 8-Leaf Rotating
28086	Additional Colour Frame
81011	Hercules Stand, Black, with Castors
81022	Atlas Stand, with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot



SIRIO 2500W

**Sirio 1200W Daylight Fresnel**

Sirio 1200 uses a double-ended HMI lamp with 250mm diameter lens. Supplied with 7.5m cable to ballast, colour frame, wire guard, 4-leaf rotating barndoor and manual operated stirrup with 29mm spigot.

**W** 1200W **W** designated by ballast  $\leq$  6°- 53° **W** 18kg  
 \* 2000 Lux  $\blacktriangleleft$  16.6m (spot), 5.3m (flood)  $\times$  320mm dia.  
**W** 24kg **W** 0.129m<sup>3</sup>  $\checkmark$  EN60 598 2-17 *i* 2.7.3

Cat No.	Description
24330	Sirio 1200

**Sirio 1200W Accessories**

Cat No.	Description
42302	1200W HMI DE Lamp
25230	Compact Magnetic Ballast 1.2kW
25030	Electronic Ballast, Dual 575w/1.2kW
25040	Electronic Ballast, Dual 1.2kW/2.5kW
28203	Extension Cable 1200W, 7.5m
28204	Extension Cable 1200W, 15m
28306	Scrim Set No.6 (full & half 50%; full & half 66%)
28070	Additional Barndoor, 4-Leaf Rotating
28071	Barndoor, 8-Leaf Rotating
28090	Cone 110mm
28091	Cone 150mm
28092	Cone 195mm
28093	Additional Colour Frame
81011	Hercules Stand, Black, with Castors
81022	Atlas Stand, with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**Sirio 2500W Daylight Fresnel**

Sirio 2500 uses a double-ended HMI lamp with 300mm diameter lens. Supplied with 7.5m cable to ballast, colour frame, wire guard, 4-leaf rotating barndoor and manual operated stirrup with 29mm spigot.

**W** 2500W **W** designated by ballast  $\leq$  7°- 62° **W** 24kg  
 \* 2000 Lux  $\blacktriangleleft$  24m (spot), 7m (flood)  $\times$  405mm dia. **W** 30kg  
**W** 0.129m<sup>3</sup>  $\checkmark$  EN60 598 2-17 *i* 2.7.3

Cat No.	Description
24340	Sirio 2500

**Sirio 2500W Accessories**

Cat No.	Description
42303	2500W HMI DE Lamp
25240	Compact Magnetic Ballast, 2.5kW
25040	Electronic Ballast, Dual 1.2kW/2.5kW
25050	Electronic Ballast, Dual 2.5kW/4kW
28205	Extension Cable 2.5kW, 7.5m
28206	Extension Cable 2.5kW, 15m
28307	Scrim Set No.7 (full & half 50%; full & half 66%)
28074	Additional Barndoor, 4-Leaf Rotating
28075	Barndoor, 8-Leaf Rotating
28094	Cone 155mm
28095	Cone 225mm
28096	Cone 275mm
28097	Additional Colour Frame
81022	Atlas Stand, with Castors
81015	Goliath Stand, Black
81017	Sampson Wind-up Stand, Black
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**Sirio 4000W Daylight Fresnel**

Suitable for illuminating large areas or balancing strong sunlight. Sirio 4000 takes double-ended HMI lamp with 300mm diameter lens. Supplied with 7.5m cable to ballast, colour frame, wire guard, 4-leaf rotating barndoor and manual operated stirrup with 29mm spigot.

**W** 4000W **W** designated by ballast  $\leq$  8°30'- 52°30' **W** 29kg  
 \* 2000 Lux  $\blacktriangleleft$  32m (spot), 8.8m (flood)  $\times$  405mm dia. **W** 37kg  
**W** 0.307m<sup>3</sup>  $\checkmark$  EN60 598 2-17 *i* 2.7.3

Cat No.	Description
24050	Sirio 4000 HMI

**Sirio 4000W Accessories**

Cat No.	Description
42304	4000W HMI DE Lamp
25250	Compact Magnetic Ballast, 4000W
25050	Electronic Ballast, Dual 2.5kW/4kW
25060	Electronic Ballast, Dual 4kW/6kW
28207	Extension Cable 4000W, 7.5m
28208	Extension Cable 4000W, 15m
28307	Scrim Set No.7 (full & half 50%; full & half 66%)
28074	Additional Barndoor, 4-Leaf Rotating
28075	Barndoor, 8-Leaf Rotating
28094	Cone 155mm
28095	Cone 225mm
28096	Cone 275mm
28097	Additional Colour Frame
81022	Atlas Stand, with Castors
81015	Goliath Stand, Black
81017	Sampson Wind-up Stand, Black
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot



SIRIO 6000W

### Sirio 6000W Daylight Fresnel

Powerful 6000W daylight fresnel, designed to give maximum punch lighting for outside locations. Takes double ended HMI lamp and fitted with 350mm diameter lens. Supplied with 8m extension cable to ballast, colour frame, wire guard, 4-leaf rotating barndoor and manual operated stirrup with 29mm spigot.

W 6000W V 190 to 260V K 7°30' - 48° 31kg ✱ 2000 Lux  
 ◆ 33m (spot), 9m (flood) X 405mm dia. □ 39kg ▣ 0.343m<sup>3</sup>  
 ✓ EN60 598 2-17 i 2.7.3

#### Cat No. Description

24060	Sirio 6000 HMI
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### Sirio 6000W Accessories

#### Cat No. Description

42305	6000W HMI DE Lamp
25260	Compact Magnetic Ballast, 6kW
25060	Electronic Ballast, Dual 4kW/6kW
25070	Electronic Ballast, Dual 6kW/12kW
28209	Additional Extension Cable 6000W, 8m
28210	Extension Cable 6000W, 15m
28307	Scrim Set No.7 (full & half 50%; full & half 66%)
28074	Additional Barndoor, 4-Leaf Rotating
28075	Barndoor, 8-Leaf Rotating
28094	Cone 155mm
28095	Cone 225mm
28096	Cone 275mm
28097	Additional Colour Frame
81022	Atlas Stand, with Castors
81015	Goliath Stand, Black
81017	Sampson Wind-up Stand, Black
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot



ARTURO 575W

### ARTURO™ HMI DAYLIGHT SOFTLIGHTS 575W, 1200W, 2500W DE

- Range of three double-ended HMI daylight softlights
- Designed for location fill lighting
- Daylight matching colour temperature maintained by the use of specially textured reflectors
- Asymmetric beam distribution for constant illumination as a subject walks towards the source
- Head incorporates UV safety glass with microswitch safety cut off
- Hour counter included to monitor lamp life
- Remote on/off indicating power switches fitted
- Stirrup fitted with 29mm spigot

### Arturo 575W HMI DE Daylight Softlight

Arturo 575W HMI provides virtually shadow-less diffused illumination with daylight colour temperature. An optional eggcrate accessory may be fitted when directional limitation of the beam spread is required. Supplied complete with colour frame, and 7.5m cable to the ballast.

W 575W V designated by ballast K 53° x 89° 11kg  
 ✱ 900 Lux ◆ 3m X 222 x 400mm □ 16kg ▣ 0.146m<sup>3</sup>  
 ✓ EN60 598 2-17 i 2.8.2

#### Cat No. Description

24220	Arturo 575 HMI
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### Arturo 575W Accessories

#### Cat No. Description

42301	575W HMI DE Lamp
25220	Compact Magnetic Ballast, 575W
25030	Electronic Ballast, Dual 575W/1200W
28201	Extension Cable 575W, 7.5m
28202	Extension Cable 575W, 15m
28310	Eggcrate, Narrow Beam
28311	Eggcrate, Wide Beam
28312	Additional Colour Frame
81011	Hercules Stand, Black with Castors
81022	Atlas Stand with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

### Arturo 1200W HMI DE Daylight Softlight

The mid-range Arturo 1200W HMI offers a powerful source of daylight fill from a compact lightweight head with a power consumption of only 6.4A. An optional eggcrate accessory may be fitted when directional limitation of the beam spread is required. Supplied complete with colour frame, and 7m cable to the ballast.

W 1200W V designated by ballast K 78° x 90° 16kg  
 ✱ 860 Lux ◆ 5m X 310mm x 510mm □ 22kg ▣ 0.28m<sup>3</sup>  
 ✓ EN60 598 2-17 i 2.8.2

#### Cat No. Description

24230	Arturo 1200 HMI
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SILVER BULLET 12K

### SILVER BULLET™ 12K ★NEW★ DAYLIGHT FRESNEL 12kW

- Highest power HMI fresnel in the range
- Designed in Hollywood to provide intense single-source illumination for studio and location film work
- Stirrup fitted with 29mm spigot

### Silver Bullet 12000W Daylight Fresnel

Powerful 12000W daylight fresnel with 625mm diameter lens designed to give maximum punch lighting for outside locations. Supplied with 15m extension cable to ballast, colour frame, and 4-leaf rotating barndoor.

#### Cat No. Description

24170	Silver Bullet 12000W HMI
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### Silver Bullet 12000W Accessories

#### Cat No. Description

42306	12000W HMI DE Lamp
25270	Compact Magnetic Ballast, 12kW
25070	Electronic Ballast, Dual 6kW/12kW
25080	Electronic Ballast, Dual 12kW/18kW
28100	Additional Barndoor, 4-Leaf Rotating
28101	Additional Colour Frame
81025	Gladiator Wind-up Stand



ARTURO 1200W

**Arturo 1200W Accessories**

Cat No.	Description
42302	1200W HMI DE Lamp
25230	Compact Magnetic Ballast 1.2kW
25030	Electronic Ballast, Dual 575W/1.2kW
25040	Electronic Ballast, Dual 1.2kW/2.5kW
28203	Extension Cable 1200W, 7.5m
28204	Extension Cable 1200W, 15m
28313	Eggcrate, Narrow Beam
28314	Eggcrate, Wide Beam
28315	Additional Colour Frame
81011	Hercules Stand, Black, with Castors
81022	Atlas Stand, with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**Arturo 2500W HMI DE Daylight Softlight**

The Arturo 2500W HMI is the most powerful source of soft daylight illumination in the Arturo range. An optional eggcrate accessory may be fitted when directional limitation of the beam spread is required. Supplied complete with colour frame, and 7.5m cable to the ballast.

1200W  $\nabla$  designated by ballast  $\triangleleft$  78° x 90°  $\blacksquare$  20kg  $\star$  860 Lux  
 $\blacklozenge$  5m  $\nabla$  410mm x 600mm  $\blacksquare$  26kg  $\blacksquare$  0.39m<sup>3</sup>  
 $\checkmark$  EN60 598 2-17 i 2.8.2

Cat No.	Description
24240	Arturo 2500 HMI

**Arturo 2500W Accessories**

Cat No.	Description
42303	2500W HMI DE Lamp
25240	Compact Magnetic Ballast, 2.5kW
25040	Electronic Ballast, Dual 1.2kW/2.5kW
25050	Electronic Ballast, Dual 2.5kW/4kW
28205	Extension Cable 2.5kW, 7.5m
28206	Extension Cable 2.5kW, 15m
28316	Eggcrate, Narrow Beam
28317	Eggcrate, Wide Beam
28318	Additional Colour Frame
81011	Hercules Stand, Black with Castors
81022	Atlas Stand with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**ELECTRONIC BALLASTS**
**★NEW★**

200W to 18000W

- Constant power regulated output ensures optimum lamp performance
- Square wave output ensures flicker free filming at all camera shutter speeds.
- All models except 200EB selectable to quiet mode giving modified square wave output to reduce lamp/ignitor noise and maintain flicker free operation at 24/25 fps
- All models dimmable to 50%
- Auto Start function selectable for preset remote starting
- Unique data logging feature on higher wattage models displays operational and diagnostic information by LCD
- Power Factor Correction on higher wattage models minimises demands on generators
- Auto voltage selection on all universal voltage models
- Modular design for convenience in servicing
- Compatible with Quartzcolor two-way switching but connector panels can be changed to customise with other manufacturers luminaires.



12/5 EB ELECTRONIC BALLAST

**25/12 EB Electronic Ballast (2500/1200W)**

Designed specifically to maximise the flexibility of the dual wattage capability of SuperNova 25/12 and SuperQuasar 25/12. This model is fitted with twin colour coded outlet sockets: Red for 2500W operation and Yellow for 1200W operation (an adaptor cable is required to operate these luminaires at 1200W) and incorporates a unique data logging system to record running times and any faults which may occur during operation.

$\nabla$  2500/1200W  $\nabla$  190 to 260V  $\blacksquare$  19.0kg  
 $\blacksquare$  187 x 474 x 356mm  $\checkmark$  EN60 598 2-17 i 2.9.2

Cat No.	Description
25040	Electronic Ballast, 2500/1200W

**40/25 EB Electronic Ballast (4000/2500W)**

Designed specifically to maximise the flexibility of the dual wattage capability of SuperNova 40/25 and SuperQuasar 40/25. This model is fitted with twin colour coded outlet sockets:

Blue - 4000W operation and 2500W lamps fitted in SuperNova 40/25 and SuperQuasar 40/25. The ballast will automatically sense which lamp is fitted and switch accordingly. 1200 and 575 heads can also be operated from this socket with the appropriate adaptor cable. Red - 2500W operation Power Factor Correction and the unique data logging system are also incorporated in this model.

$\nabla$  4000/2500W  $\nabla$  190 - 260V  $\blacksquare$  20.4kg  $\blacksquare$  187 x 474 x 356mm  
 $\checkmark$  EN60 598 2-17 i 2.9.2

Cat No.	Description
25050	Electronic Ballast, 4000/2500W

**60/40 EB Electronic Ballast (6000/4000W)**
**120/60 EB Electronic Ballast (12000/6000W)**
**180/120 EB Electronic Ballast (18000/12000W)**

Each of these models is designed to the higher rating but will also run the lower powered lamp which it will automatically sense and switch to. Like the 4000/2500W model these ballasts are all Power Factor Corrected and incorporate an enhanced version of the data logging system.

$\nabla$  6000/4000W  $\nabla$  190 - 260V  $\blacksquare$  30.0kg  
 $\blacksquare$  265 x 500 x 360mm  $\checkmark$  EN60 598 2-17 i 2.9.2  
 $\nabla$  12000/6000W  $\nabla$  190 - 260V  $\blacksquare$  47.0kg  
 $\blacksquare$  300 x 470 x 555mm  $\checkmark$  EN60 598 2-17 i 2.9.2  
 $\nabla$  18000/12000W  $\nabla$  190 - 260V  $\blacksquare$  53.0kg  
 $\blacksquare$  300 x 470 x 555mm  $\checkmark$  EN60 598 2-17 i 2.9.2

Cat No.	Description
25060	Electronic Ballast, 6000/4000W
25070	Electronic Ballast, 12000/6000W
25080	Electronic Ballast, 18000/12000W

A range of flicker free electronic ballasts from 200W to 18kW designed to optimise Strand's latest range of HMI luminaires and offering a number of advanced features. Unlike a number of less advanced products using current control of output the Strand ballasts are constant power regulating to guarantee optimum light output irrespective of lamp type and age.

Designed specifically for the rigours of Film and Television location lighting work these ballasts are equally at home in the still photographer's studio where their flicker free operation makes them ideal for sustained lighting in both conventional photography and digital imaging.

All ballasts in the range are suitable for both double ended and single ended HMI Lamps and incorporate dimming to 50%. They are selectable between full square wave operation for guaranteed flicker free filming or modified square wave operation to overcome ignitor/lamp noise problems when operating close to microphones.

**200 EB Electronic Ballast (200W)**

Compact but rugged ballast with auto sensing of input voltage to switch between 90-120V and 190-260V 50/60 Hz.

$\nabla$  200W  $\nabla$  universal 90 - 120V & 190 - 260V  $\blacksquare$  2.0kg  
 $\blacksquare$  155 x 193 x 113mm  $\checkmark$  EN60 598 2-17 i 2.9.2

Cat No.	Description
25010	Electronic Ballast, 200W

**12/5 EB Electronic Ballast (1200/575W)**

Twin outlet sockets and switching for 1200W or 575W operation. Also incorporates auto sensing of input voltage to switch between 90-120V and 190-260V 50/60 Hz.

$\nabla$  1200/575W  $\nabla$  universal 90 - 120V & 190 - 260V  $\blacksquare$  5.1kg  
 $\blacksquare$  220 x 283 x 172mm  $\checkmark$  EN60 598 2-17 i 2.9.2

Cat No.	Description
25030	Electronic Ballast, 1200/575W



MIZAR 500W



BAMBINO 650W



BAMBINO 1000W

### MIZAR™ FRESNEL 500W

- Smallest focusing Fresnel in the QuartzColor range
- Ideal for situations where lighting detail, key light or special effects are required but with the source concealed
- For use with 300W or 500W lamp
- Two-part cast alloy body
- On/off in-line switch included
- Range of accessories available
- Supplied in black with 500W CP82 lamp, 4-leaf bamdoor, special stirrup for compact fitting with 16mm female socket, and 4 metre power cable including in-line switch

### Mizar 500W Fresnel

Smallest studio Fresnel in the range, will take 500W or 300W lamps and it's very compact dimensions make it ideal for detailed or special effects lighting in confined spaces. Supplied with barndoor, 500W CP82 lamp, stirrup with 16mm socket and 4 metre power cable with in-line switch.

*(Mizar is also available as part of a portable lighting kit; refer to Portables 2 and Kits Data Sheets for further details.)*

500W 230/240V 14° - 41.5° 1.8kg \* 1008 Lux  
5m 110mm dia. 2kg 0.008m³ ✓ EN60 598 2-17 i 2.2.2

#### Cat No. Description

26204	Mizar 500W, 240V
26203	Mizar 500W, 230V

### Mizar 500W Accessories

#### Cat No. Description

43814	300W 240V CP81 Lamp
43813	300W 230V CP81 Lamp
43824	Additional 500W 240V CP82 Lamp
43823	Additional 500W 230V CP82 Lamp
41184	500W 240V T18 Lamp
41183	500W 230V T18 Lamp
28008	Additional Wire Mesh Guard
28080	Colour Frame
28301	Scrim Set No.1 (full & half 50%; full & half 66%)
28081	Cone (variable 30/50/70mm)
82602	Small Gaffer Grip 16mm Spigot
81001	Table Stand with 16mm Spigot
81003	Mercury Stand, Black
81005	Spartan Stand, Black

### BAMBINO™ 650 ★NEW★ FRESNEL 650W

- Exceptional performance from 130mm diameter lens
- Specifically designed for location lighting, rental applications and for tight situations on crowded sets
- May be used with 650W, 500W & 300W lamps
- Stirrup fitted with 16mm female socket
- In-line switch
- Supplied in black with 650W CP89 lamp, 4-leaf rotating bamdoor, colour frame and 4m power cable

### Bambino 650W Fresnel

Extremely compact location and studio Fresnel with 130mm diameter lens. Supplied with barndoor, 650W CP89 lamp, colour frame, stirrup with 16mm socket and 4 metres of 3-core cable with in-line switch.

650W 230/240V Flood- 60° 2.6kg \* 2950 Lux  
5m 180mm dia. 4.67kg 0.037m³ ✓ EN60 598 2-17 i 2.2.2

#### Cat No. Description

26424	Bambino 650W, 240V CP89 Lamp
26423	Bambino 650W, 230V CP89 Lamp

### Bambino 650W Accessories

#### Cat No. Description

43894	Additional 650W 240V CP89 Lamp
43893	Additional 650W 230V CP89 Lamp
43814	300W 240V CP81 Lamp
43813	300W 230V CP81 Lamp
43824	500W 240V CP82 Lamp
43823	500W 230V CP82 Lamp
41184	500W 240V T18 Lamp
41183	500W 230V T18 Lamp
28309	Scrim Set No.9 (full & half 50%; full & half 66%)
28049	Cone - Variable Aperture
28047	Additional Colour Frame
28048	Additional Barndoor
82002	Safety Bond, 50kg
82020	16mm to 29mm Spigot Adaptor
82603	Large Gaffer Grip 16mm Spigot
81009	Trojan Stand, Black
81011	Hercules Stand, Black with Castors

### BAMBINO™ 1000 FRESNEL 1000W

- Powerful 1000W Fresnel comparable in size and weight to lower wattage spotlights
- Specifically designed for location lighting, rental applications and for situations where physical size may be a problem
- May be used with 1000W or 650W lamps
- Stirrup fitted with 16mm female socket
- On/off toggle switch fitted
- Supplied in black with 1000W CP40 lamp, 4-leaf rotating bamdoor, colour frame and 7 metre power cable

### Bambino 1000W Fresnel

Powerful compact Fresnel with 130mm diameter lens designed for location work and confined studio situations. Supplied with barndoor, 1000W CP40 lamp, colour frame, stirrup with 16mm socket and 7 metres of 3-core cable with in-line switch.

1000W 230/240V 12° - 56° 6kg \* 1825 Lux 6m  
180mm dia. 7.5kg 0.041m³ ✓ EN60 598 2-17 i 2.2.2

#### Cat No. Description

26214	Bambino 1000W, 240V
26213	Bambino 1000W, 230V

### Bambino 1000W Accessories

#### Cat No. Description

43404	Additional 1000W 240V CP40 Lamp
43403	Additional 1000W 230V CP40 Lamp
43394	650W 240V CP39 Lamp
43393	650W 230V CP39 Lamp
28303	Scrim Set No.3 (full & half 50%; full & half 66%)
28045	Additional Barndoor, 4-Leaf Rotating
28046	Spare Wire Mesh Guard
28082	Additional Colour Frame
82002	Safety Bond, 50kg
82012	Hook Clamp to accept 29mm Spigot
82020	16mm to 29mm Spigot Adaptor
82603	Large Gaffer Grip 16mm Spigot
81009	Trojan Stand, Black
81011	Hercules Stand, Black with Castors

**BAMBINO™ 2000**
**FRESNEL  
2000W**

- Compact 2kW Fresnel, comparable in size and weight to lower wattage spotlights
- Specifically designed for location lighting and for situations where physical size is a problem
- Stirrup fitted with 29mm spigot
- Manual or pole-operated versions
- In-line cable power switch fitted
- Lamp ordered separately
- Supplied in black with 4-leaf rotating barndoor, colour/diffuser frame and 7 metre power cable



BAMBINO 2000W



BAMBINO 5000W

**Bambino 2000W Fresnel**

Compact location and studio Fresnel with 150mm diameter lens. Same overall size as Polaris 1000W studio fresnel but with improved ventilation system for 2000W operation where size is critical. Supplied with barndoor, colour frame, stirrup with 29mm spigot, and 7 metres of 3-core cable with in-line power switch. Manual or Pole Operation version available. Requires CP41 2000W lamp.

 2000W 
  230/240V 
  9.5°- 56.5° 
  6.1kg 
  1600 Lux 
  10m 
  230mm 
  11kg 
  0.059m<sup>3</sup>
 EN60 598 2-17 
  i 2.2.2

**Cat No. Description**

26220	Bambino 2000W, Manual Operation
26230	Bambino 2000W, Pole Operation

**Bambino 2000W Accessories**
**Cat No. Description**

43414	2000W 240V CP41 Lamp
43413	2000W 230V CP41 Lamp
28305	Scrim Set No.5 (full & half 50%; full & half 66%)
28083	Cone 55mm
28084	Cone 75mm
28085	Cone 105mm
28086	Additional Colour Frame
28110	Additional Barndoor, 4-Leaf Rotating
28111	Barndoor, 8-Leaf Rotating
28112	Additional Spare Wire Mesh Guard
28113	Outrig Colour Frame
82002	Safety Bond, 50kg
82012	Hook Clamp to accept 29mm Spigot
81011	Hercules Stand, Black with Castors
81022	Atlas Stand, with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**BAMBINO™ 5000**
**FRESNEL  
5000W**

- Compact 5kW Fresnel, comparable in size and weight to lower wattage spotlights
- Specifically designed for location lighting and rental applications
- Dual filament lamp 2.5/5kW or 1.25/3.75kW version available
- Manual or pole-operated versions
- Stirrup fitted with 29mm spigot
- Rotary power switch fitted
- Lamp ordered separately
- Supplied in black with 4-leaf rotating barndoor, colour and 7 metre power cable

**Bambino 5000W Fresnel**

Compact Location and Studio Fresnel with 250mm diameter lens. Based on the successful Castor 2000W studio fresnel but with improved ventilation system for 5000W operation. Supplied with barndoor, colour frame, stirrup with 29mm spigot, head mounted toggle switch and 7 metres of 3-core cable. Requires a CP29 5000W lamp. Manual or Pole Operation version available.

 5000W 
  230/240V 
  11.5°- 58° 
  15kg 
  1915 Lux 
  16m 
  320mm dia. 
  19kg 
  0.105m<sup>3</sup>
 EN60 598 2-17 
  i 2.2.2

**Cat No. Description**

26240	Bambino 5000W, Manual Operation
26250	Bambino 5000W, Pole Operation

**Bambino 5000W, 2.5/5.0kW Fresnel**

Variants of standard 5000W model with 4-pin lampholder to accept dual wattage lamp. The 4-pin CP32 lamp has two 2.5kW filaments which may be separately switched to provide 2.5kW or 5kW output. The CP58 lamp has a 1.25kW and a 2.5kW filament which may be separately switched to provide a 1.25kW, 2.5kW or 3.75kW output. Supplied with barndoor, colour frame, stirrup with 29mm spigot, rotary power switch (to switch between filament 1, filament 2, filament 1+2 or off) and 7 metres of 3-core cable. Manual or Pole Operation version available.

 5000W 
  230/240V 
  14°- 55° 
  15kg 
  2000 Lux 
  16m 
  320mm dia. 
  19kg 
  0.105m<sup>3</sup>
 EN60 598 2-17 
  i 2.2.2

**Cat No. Description**

26260	Bambino 2500/5000W, Manual Operation
26270	Bambino 2500/5000W, Pole Operation

**Bambino 5000W Accessories**
**Cat No. Description**

43294	5000W 240V CP29 Lamp
43293	5000W 230V CP29 Lamp
43324	2.5/2.5kW 240V CP32 Lamp
43323	2.5/2.5kW 230V CP32 Lamp
43584	1.25/2.5kW 240V CP58 Lamp
43583	1.25/2.5kW 230V CP58 Lamp
28306	Scrim Set No.6 (full & half 50%; full & half 66%)
28070	Additional Barndoor, 4-Leaf Rotating
28071	Barndoor, 8-Leaf Rotating
28072	Outrig Colour Frame
28073	Additional Spare Wire Mesh Guard
28090	Cone 110mm
28091	Cone 150mm
28092	Cone 195mm
28093	Additional Colour Frame
82002	Safety Bond, 50kg
81011	Hercules Stand, Black, with Castors
81022	Atlas Stand, with Castors
82012	Hook Clamp to accept 29mm Spigot
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**POLARIS™****FRESNEL**  
1000/1200W

- Compact 1000W studio fresnel
- Suitable for key and backlight in smaller studios
- Will also take CP93 1200W lamp
- Manual or pole-operated versions available
- Pole-operated versions include friction clutches to allow override of pan and tilt as well as pole operation of focus and switching
- High quality optical design to give excellent smooth beam over a wide range of beam angles
- Easy access to lamps for replacement
- Lamp ordered separately
- Stirrup fitted with 29mm spigot to hang from BS or DIN receptacles, or for stand-mounting
- Supplied in black with 4-leaf rotating barndoor, colour frame and 7 metre power cable

**Polaris 1000/1200W Fresnel**

Compact tungsten-halogen fresnel designed to take CP40 1000W lamp but can also accept CP93 1200W and CP39 650W lamps. 150mm lens gives beam range of 9°- 59.5°. Unit can be supplied as manual operated or with pole operation of pan, tilt and focus. Supplied with barndoor, colour frame, on/off toggle switch and 7 metres of 3-core cable.

W 1200W V 230/240V ≤ 9°- 59.5° 6kg ✱ 1950 Lux ◀ 8m  
 ✕ 230mm □ 10.5kg ▣ 0.07m³ ✓ EN60 598 2-17 i 2.1.2

**Cat No. Description**

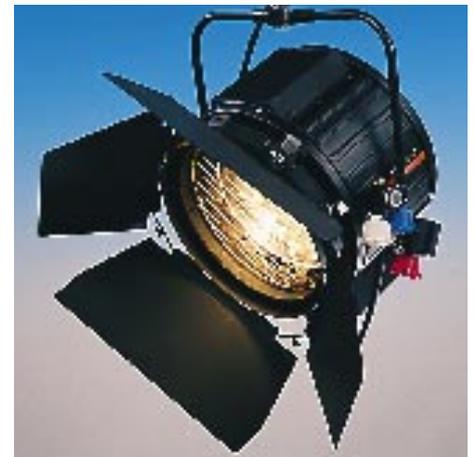
26280	Polaris 1000/1200W, Manual Operation
26290	Polaris 1000/1200W, Pole Operation

**Polaris Accessories****Cat No. Description**

43934	1200W 240V CP93 Lamp
43933	1200W 230V CP93 Lamp
43404	1000W 240V CP40 Lamp
43043	1000W 230V CP40 Lamp
43394	650W 240V CP39 Lamp
43393	650W 230V CP39 Lamp
28305	Scrim Set No.5 (full & half 50%; full & half 66%)
28083	Cone 55mm
28084	Cone 75mm
28085	Cone 105mm
28086	Additional Colour Frame
28110	Additional Barndoor, 4-Leaf Rotating
28111	Barndoor, 8-Leaf Rotating
28112	Spare Wire Mesh Guard
28113	Outrig Colour Frame
82002	Safety Bond, 50kg
82012	Hook Clamp to accept 29mm Spigot
81011	Hercules Stand, Black with Castors
81022	Atlas Stand, with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot



POLARIS 1200W



POLARIS 1200W

**CASTOR™****FRESNEL**  
2000/2500W

- Compact 2000W/2500W studio fresnel
- Popular general purpose keylight and backlight in studios and on location
- Manual or pole-operated versions
- Manual version suitable for location lighting
- Stirrup fitted with 29mm spigot
- Dual filament lamp 1.25/2.5kW version available
- Rotary power switch fitted
- Lamp ordered separately
- Supplied in black with 4-leaf rotating barndoor, colour/diffuser frame and 7 metre power cable

**Castor 2000/2500W Fresnel**

Popular general purpose keylight and backlight with 250mm diameter lens in manual or pole operated variants. Designed for 2000W CP41 lamp but can also take 2500W CP 94. Supplied with barndoor, colour frame, rotary power switch and 7 metres of 3-core cable.

W 2500W V 230/240V ≤ 8.5°- 45° 13.5kg ✱ 1900 Lux  
 ◀ 14m ✕ 320mm dia. □ 17.5kg ▣ 0.118m³ ✓ EN60 598 2-17 i 2.1.2

**Cat No. Description**

26300	Castor 2000/2500W, Manual Operation
26310	Castor 2000/2500W, Pole Operation

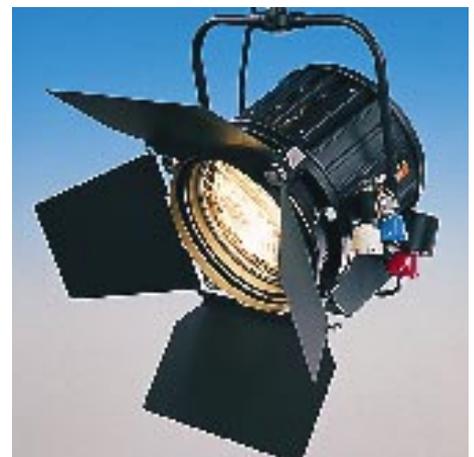
**Castor 1.25/2.5kW Fresnel**

Variants of standard 2000W Castor fitted with 4-pin lampholders to take dual filament lamp for extra flexibility. The 4-pin CP30 lamp has two 1.25kW filaments which may be separately switched to provide 1.25kW or 2.5kW source. Available in manual or pole operated variants. Supplied with barndoor, colour frame, rotary power switch (to switch between filament 1, filament 2, filament 1+2 or off) and 7 metres of 3-core cable.

W 2500W V 230/240V ≤ 9°- 49° 13.5kg ✱ 1900 Lux  
 ◀ 10m ✕ 320mm dia. □ 17.5kg ▣ 0.118m³ ✓ EN60 598 2-17 i 2.1.2

**Cat No. Description**

26320	Castor 1.25/2.5kW, Manual Operation
26330	Castor 1.25/2.5kW, Pole Operation



CASTOR 2000W

**Castor Accessories****Cat No. Description**

43944	2500W 240V CP94 Lamp
43943	2500W 230V CP94 Lamp
43414	2000W 240V CP41 Lamp
43413	2000W 230V CP41 Lamp
43304	1.25/1.25kW 240V CP30 Lamp
43303	1.25/1.25kW 230V CP30 Lamp
28306	Scrim Set No.6 (full & half 50%; full & half 66%)
28090	Cone 110mm
28091	Cone 150mm
28092	Cone 195mm
28093	Additional Colour Frame
28070	Additional Barndoor, 4-Leaf Rotating
28071	Barndoor, 8-Leaf Rotating
28072	Outrig Colour Frame
28073	Additional Spare Wire Mesh Guard
82002	Safety Bond, 50kg
81011	Hercules Stand, Black with Castors
81022	Atlas Stand with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

**POLLUX™  
FRESNEL  
5000W**

- Powerful, lightweight 5000W studio fresnel
- Dual filament version available for 2.5kW/2.5kW or 1.25kW/2.5kW lamp
- Manual or pole-operated versions
- Manual version suitable for location lighting
- Stirrup fitted with 29mm spigot
- Rotary power switch fitted
- Lamp ordered separately
- Supplied in black with 4-leaf rotating barndoor, colour frame and 7 metre power cable

**Pollux 5000W Fresnel**

Powerful lightweight Fresnel with 250mm diameter lens suitable for studio or location lighting in Motion Picture or Television. Available in manual or pole operated variants. Requires a CP29 5000W lamp. Supplied with barndoor, colour frame, rotary power switch and 7 metres of 3-core cable.

⚡ 5000W ⚡ 230/240V ◀ 12.5°-56.5° ⚖ 16.5kg ✨ 1850 Lux  
 ⚡ 17m ✂ 405mm dia. 📦 22kg 📦 0.159m³ ✓ EN60 598 2-17  
 i 2.1.2

**Cat No. Description**

26340	Pollux 5000W, Manual Operation
26350	Pollux 5000W, Pole Operation

**Pollux 2.5/5kW Fresnel**

Variant of standard 5000W Pollux fitted with 4-pin lampholders to take dual filament lamps for extra flexibility. The 4-pin CP32 lamp has two 2.5kW filaments, the CP58 lamp has 1.25kW and 2.5kW filaments and the CP30 has two 1.25kW filaments. Supplied with barndoor, colour frame, rotary power switch (to switch between filament 1, filament 2, filament 1+2 or off) and 7 metres of 3-core cable.

⚡ 5000W ⚡ 230/240V ◀ 11°-62° ⚖ 16.5kg ✨ 2450 Lux  
 ⚡ 14m ✂ 405mm dia. 📦 16.5kg 📦 0.159m³ ✓ EN60 598 2-17  
 i 2.1.2

**Cat No. Description**

26360	Pollux 2.5/5kW, Manual Operation
26370	Pollux 2.5/5kW, Pole Operation

**Pollux Accessories**
**Cat No. Description**

43294	5000W 240V CP29 Lamp
43293	5000W 230V CP29 Lamp
43324	2.5/2.5kW 240V CP32 Lamp
43323	2.5/2.5kW 230V CP32 Lamp
43584	1.25/2.5kW 240V CP58 Lamp
43583	1.25/2.5kW 230V CP58 Lamp
43304	1.25/1.25kW 240V CP30 Lamp
43303	1.25/1.25kW 230V CP30 Lamp
28307	Scrim Set No.7 (full & half 50%; full & half 66%)
28074	Additional Barndoor, 4-Leaf Rotating
28075	Barndoor, 8-Leaf Rotating
28077	Outrig Colour Frame
28076	Spare Wire Mesh Guard
28094	Cone 155mm
28095	Cone 225mm
28096	Cone 275mm
28097	Additional Colour Frame
82002	Safety Bond, 50kg
82012	Hook Clamp to accept 29mm Spigot
81011	Hercules Stand, Black with Castors
81015	Goliath Stand, Black
81022	Atlas Stand, with Castors
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot



VEGA 10kW

**VEGA™  
FRESNEL  
10kW**

- High power fresnel
- For the larger TV studios and location film work
- Manual or pole-operated versions
- Stirrup fitted with 29mm spigot
- Manual version suitable for location lighting
- Rotary power switch fitted
- Lamp ordered separately
- Supplied in black with 4-leaf rotating barndoor, colour frame and 7 metre power cable

**Vega 10kW Fresnel**

High-wattage studio Fresnel with 350mm diameter lens for Motion Picture and Television applications in studios or on location. Available in manual or pole operated variants. Requires a CP83 10000W lamp. Supplied with barndoor, colour/diffuser frame, rotary power switch, and 7 metres of 3-core cable.

⚡ 10,000W ⚡ 230/240V ◀ 12.5°-47° ⚖ 24kg ✨ 1950 Lux  
 ⚡ 22m ✂ 405mm diam 📦 31kg 📦 0.245m³ ✓ EN60 598 2-17  
 i 2.1.2

**Cat No. Description**

26380	Vega 10kW, Manual Operation
26390	Vega 10kW, Pole Operation

**Vega 10kW Accessories**
**Cat No. Description**

43834	10kW 240V CP83 Lamp
43833	10kW 230V CP83 Lamp
28307	Scrim Set No.7 (full & half 50%; full & half 66%)
28074	Additional Barndoor, 4-Leaf Rotating
28075	Barndoor, 8-Leaf Rotating
28077	Outrig Colour Frame
28076	Spare Wire Mesh Guard
28094	Cone 155mm
28095	Cone 225mm
28096	Cone 275mm
28097	Additional Colour Frame
81015	Goliath Stand, black
82002	Safety Bond, 50kg
82012	Hook Clamp to accept 29mm Spigot
82013	TV-Hook Clamp, 32-63mm to accept 29mm Spigot

A selection of operating poles is listed on Page 36



SILVER BULLET 20kW

**SILVER BULLET™ 20K ★NEW★  
TUNGSTEN HALOGEN FRESNEL  
20kW**

- Highest power tungsten halogen fresnel in the range
- Designed in Hollywood to provide intense single-source illumination for studio and location film work
- Stirrup fitted with 29mm spigot
- Requires lamp and inrush-current protection dimmer
- Supplied in silver with 4-leaf rotating barndoor, colour frame and short power cable

**Silver Bullet 20kW Fresnel**

High-output Fresnel with 625mm diameter lens. To maximise lamp life, and to provide dimming control, a special 20kW dimmer is required in addition to the 20kW lamp.

⚡ 20kW ⚡ 230/240V

**Cat No. Description**

24470	Silver Bullet 20kW
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**Silver Bullet 20kW Accessories**
**Cat No. Description**

43034	20kW 240V Lamp
43033	20kW 230V Lamp
73101	Dimmer Unit, 20kW, DMX/D54 Control
28300	Scrim Set No.6 (full & half 50%; full & half 66%)
28101	Additional Colour Frame
28100	Additional Barndoor
81025	Gladiator Wind-up Stand



VIDEOLUX 72DMX



VIDEOLUX 216DMX WITH INTENSIFIER

**VIDEOLUX™**LOW ENERGY TELEVISION  
FLUORESCENT SOFTLIGHTS  
72W/216W

- Compact, low energy fluorescent softlight
- High output, from efficient reflector design and optically matched detachable frontal intensifier
- Built-in high frequency electronic ballasts increase output and eliminate flicker
- Excellent colour reproduction from special high colour rendering Index (CRI) 36W compact fluorescent lamps
- Low lamp replacement costs with long lamp life
- Durable construction for studio or location use
- Three dimming options available
  - (i) Digital (DMX) control - 100% to 25% and black-out
  - (ii) Analogue (0 - 10V) control - 100% to 25%
  - (iii) Phase control - 100% to zero
- Supplied with 3000K lamps. 5400K (Daylight) lamps may be ordered separately
- Low heat and glare gives more comfortable conditions for performers
- Pole-operated version (PO) of 216DMX available
- Also available for 115V operation

**Videolux 72D, 72A, 72DMX**

Compact fluorescent softlight and baselight. Supplied with Intensifier Attachment, Stirrup with 29mm spigot, Power Input Cable with bare ends, and 2 x 36W single-ended high Colour Rendering Index (CRI) compact fluorescent lamps.

W 72 V 230V < 91°(H) - 107°(V)[No Intensifier]  
 7.5kg \* 270Lux[Peak] ◀ 2m X 490mm x 195mm □ 8.25kg  
 0499m³ ✓ EN60 598 2-17 CE i 2.3.3

**Cat No. Description**

22014 Videolux 72D 230V

22024 Videolux 72A 230V

22034 Videolux 72DMX 230V

**Videolux 216D, 216A, 216DMX**

Compact fluorescent softlight and baselight. Supplied with Intensifier Attachment, Stirrup with 29mm spigot, Power Input Cable with bare ends, and 6 x 36W single-ended high Colour Rendering Index (CRI) compact fluorescent lamps.

W 216 V 230V < 106°(H) - 107°(V)[No Intensifier] 14kg \*  
 750Lux [Peak] ◀ 2m X 490mm x 469mm □ 15.5kg 0.052m³  
 ✓ EN60 598 2-17 CE i 2.3.3

**Cat No. Description**

22114 Videolux 216D 230V

22124 Videolux 216A 230V

22134 Videolux 216DMX 230V

22090 Videolux 216DMX/PO 230V

The following suffixes apply to the Videolux range of fixtures:

**D = Dimmable**

The intensity of these models can be controlled down to 10% and off by integrating into a studio dimming system. Only available for 230V installations.

**A = Analog Control**

These models incorporate intensity control down to 25% independently of studio dimmers. They are controlled from the 0 - 10V Signal from a simple lighting control console such as LX.

**DMX = DMX Control**

These models also incorporate intensity control down to 25% and off independently of studio dimmers. They are controlled with a DMX512 Signal from a lighting control console such as the MX, GSX, and LBX. They can also be controlled by a 0-10V signal.

**Videolux 72W and 216W Accessories****Cat No. Description**

45910 36W SE Lamp (3000°K)

45920 36W SE Lamp (5400°K)

28339 Colour Frame for 72W Range

28338 Colour Frame for 216W Range

28330 Additional Intensifier Videolux 72

28331 Additional Intensifier Videolux 216

28332 Standard Eggcrate 72

28333 Standard Eggcrate 216

28334 Narrow Eggcrate 72

28335 Narrow Eggcrate 216

82001 Safety Cable

82012 Hook Clamp to accept 29mm Spigot

81011 Hercules Stand, Black with Castors

81015 Goliath Stand, Black

81022 Atlas Stand, with Castors

82013 TV-Hook Clamp, 32-62mm to accept 29mm Spigot



ARTURO 1500W



ARTURO 2000W



ARTURO 6000W

## ARTURO™ SOFTLIGHTS 1250W, 2500W, 5000W

- A range of three tungsten halogen studio softlights for 1250W, 2500W and 5000W operation
- Accepts 189mm linear tungsten halogen lamps at 1250W, 1000W or 625W
- Suitable for studio and location
- Optical system ensures shadowless indirect fill light from secondary reflector design
- Asymmetric beam distribution gives constant illumination as a subject approaches the source
- Manual or pole-operated versions available
- Power switching reduces intensity without a change of colour temperature
- All units have easy access to lamps for replacement
- Supplied in black with, colour/diffuser frame and stirrup with 29mm spigot
- Eggcrate accessories available for extra beam control

### Arturo 1250W

Designed for the small studio or as a location fill light, Arturo 1250W provides virtually shadowless diffused illumination. The pole-operated version includes geared control of pan and tilt with friction clutches to allow for manual override. Optional eggcrate accessories may be fitted for directional control of the beam spread. Supplied complete with colour frame, and 3.5m power cable with in-line switch.

☑ 1250W ☑ 230/240V ☐ 62° x 95° ⚖ 11kg ✱ 1200 Lux  
 ⚡ 3m ✂ 220mm x 400mm 📦 15kg 📦 0.118m<sup>3</sup>  
 ✓ EN60 598 2-17 i 2.3.4

Cat No.	Description
26500	Arturo 1250W, Manual Operation
26510	Arturo 1250W, Pole Operation

### Arturo 1250W Accessories

Cat No.	Description
43104	P2/10, 625W 240V Lamp
43103	P2/10, 625W 230V Lamp
43074	P2/7, 1000W 240V Lamp
43073	P2/7, 1000W 230V Lamp
43124	P2/12, 1250W 240V Lamp
43123	P2/12, 1250W 230V Lamp
28310	Eggcrate, Narrow Beam
28311	Eggcrate, Wide Beam
28312	Additional Colour Frame
81011	Hercules Stand, Black with Castors
81022	Atlas Stand with Castors
82002	Safety Bond, 50kg
82012	Hook Clamp to accept 29mm Spigot
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

### Arturo 2500W

This Arturo is a 2.5kW dual power softlight with two lamps, switched individually, to give intensity control with constant colour temperature. Designed for 2 x 189mm linear tungsten halogen lamps of 1250W, 1000W or 625W. A three position rotary switch allows switching between one on, two on, or off. The pole-operated version includes geared control of pan and tilt with friction clutches to allow for manual override. Optional eggcrate accessories may be fitted for directional control of beam spread. Supplied complete with colour frame and 7.0m of power cable.

☑ 2500W ☑ 230/240V ☐ 64° x 99° ⚖ 14kg ✱ 1000 Lux  
 ⚡ 5m ✂ 310mm x 510mm 📦 23kg 📦 0.244m<sup>3</sup>  
 ✓ EN60 598 2-17 i 2.3.4

Cat No.	Description
26520	Arturo 1.25/2.5kW, Manual Operation
26530	Arturo 1.25/2.5kW, Pole Operation

### Arturo 2500W Accessories

Cat No.	Description
43104	P2/10, 625W 240V Lamp
43103	P2/10, 625W 230V Lamp
43074	P2/7, 1000W 240V Lamp
43073	P2/7, 1000W 230V Lamp
43124	P2/12, 1250W 240V Lamp
43123	P2/12, 1250W 230V Lamp
28313	Eggcrate, Narrow Beam
28314	Eggcrate, Wide Beam
28315	Additional Colour Frame
81011	Hercules Stand, Black with Castors
81022	Atlas Stand with Castors
82002	Safety Bond, 50kg
82012	Hook Clamp to accept 29mm Spigot
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

### Arturo 5000W

This Arturo is a 5kW dual power softlight with four lamps, switched in pairs, to give intensity control with constant colour temperature. Designed for 4 x 189mm linear tungsten halogen lamps of 1250W, 1000W or 625W. A four position rotary switch allows switching between 1 pair, two pairs, or off. The pole-operated version includes geared control of pan and tilt with friction clutches to allow for manual override. Optional eggcrate accessories may be fitted for directional control of beam spread. Supplied complete with colour frame and 7.0m of power cable.

☑ 5000W ☑ 230/240V ☐ 68° x 105° ⚖ 20.5kg ✱ 892 Lux  
 ⚡ 7m ✂ 410mm x 600mm 📦 28kg 📦 0.39m<sup>3</sup>  
 ✓ EN60 598 2-17 i 2.3.4

Cat No.	Description
26540	Arturo 2.5/5kW, Manual Operation
26550	Arturo 2.5/5kW, Pole Operation

### Arturo 5000W Accessories

Cat No.	Description
43104	P2/10, 625W 240V Lamp
43103	P2/10, 625W 230V Lamp
43074	P2/7, 1000W 240V Lamp
43073	P2/7, 1000W 230V Lamp
43124	P2/12, 1250W 240V Lamp
43123	P2/12, 1250W 230V Lamp
28316	Eggcrate, Narrow Beam
28317	Eggcrate, Wide Beam
28318	Additional Colour Frame
81011	Hercules Stand, Black with Castors
81022	Atlas Stand with Castors
81015	Goliath Stand, Black
82002	Safety Bond, 50kg
82012	Hook Clamp to accept 29mm Spigot
82013	TV-Hook Clamp, 32-62mm to accept 29mm Spigot

A selection of operating poles is listed on Page 36.

## SINGLE ENDED TUNGSTEN HALOGEN LAMPS

Watts	Designation	Base	Lumens	Col. Temp. K	Life (hrs)	Luminaire Type	Cat No. (240V)	Cat No. (230V)
<b>M Class 2900K Lamps</b>								
300W	M38	GY9.5	5000	2900	2000	<b>Minim (white)</b> , Quartet, Prelude	41384	41383
500W	M40	GY9.5	8500	2900	2000	<b>Minim (black)</b> , Quartet, Prelude	41404	41403
<b>T Class 3050K Lamps</b>								
500W	T18	GY9.5	11000	3050	400	Quartet, Prelude, Mizar, Minim (black)	41184	41183
650W	T26	GY9.5	15000	3050	400	<b>Prelude, Quartet</b> , Bambino 650	41264	41263
1000W	T19	GX9.5	21000	3050	750	Cantata	41194	41193
1200W	T29	GX9.5	29000	3050	400	<b>Cantata</b> , Optique	41294	41293
<b>CP Class 3200K Lamps</b>								
300W	CP81	GY9.5	6900	3200	150	Minim, Quartet, Prelude, Mizar, Bambino 650	43814	43813
500W	CP82	GY9.5	12500	3200	150	Quartet, Prelude, Mizar, Bambino 650	43824	43823
575W	HX600	G9.5	12800	3200	300	Lekos	43784	43783
650W	CP39	G22	16500	3200	100	Polaris, Bambino 1K	43394	43393
650W	CP89	GY9.5	16250	3200	150	<b>Bambino 650</b> , Quartet, Prelude	43894	43893
1000W	CP40	G22	26000	3200	250	<b>Polaris, Bambino 1K</b>	43404	43403
1000W	CP77	G9.5	25000	3200	300	<b>Leko</b>	43774	43773
1000W	CP70	GX9.5	25000	3200	200	Optique, Cantata	43704	43703
1200W	CP93	G22	33000	3200	200	Polaris	43934	43933
1200W	CP90	GX9.5	30000	3050	240	<b>Optique</b> , Cantata	43904	43903
1250/1250W	CP30	GX38q	27000/56000	3200	300	<b>Castor 1250/5000W</b> , Pollux 2500/5000W	43304	43303
2000W	CP79	GY16	54000	3200	350	<b>Solo 2000W</b>	43794	43793
2000W	CP92	G22	52000	3200	400	<b>Alto, Toccata</b> , Toccata EP	43924	43923
2000W	CP41	G38	54000	3200	400	<b>Castor, Bambino 2K</b>	43414	43413
1250/2500W	CP58	GX38q	27000/59000/91000	3200	300	<b>Pollux 2500/5000W</b> , Bambino 5K 2500/5000	43584	43583
2500/2500W	CP32	GX38q	59000/127000	3200	300	Pollux 2500/5000W, Bambino 5K 2500/5000W	43324	43323
2500W	CP91	G22	67500	3200	400	Alto, Toccata	43914	43913
2500W	CP94	G38	67500	3200	400	Castor	43944	43943
5000W	CP29	G38	135000	3200	500	<b>Pollux, Bambino 5K</b>	43294	43293
10kW	CP83	G38	290000	3200	500	<b>Vega</b>	43834	43833
20kW	-	G38				<b>Silver Bullet 20K</b>	43034	43033
250W	A1/223	G6.35	8000	3400	50	Firebrigade Redhead	24V only	45220
650W	A1/233	GZ9.5	16500	3200	50	Pulsar	43334	43333
500W	P2/1	E27	11500	3200	100	<b>Pinza</b>	43014	43013
100W	A1/215	GY6.35	2800	3300	50	<b>Reporterlight 100</b>	12V only	45003
250W	EPL	GY6.35	-	-	-	<b>Reporterlight 250</b>	30V only	45004
300W	VL/300	GY6.35	8550	3400	20	<b>Reporterlight 300</b>	43024	43023

## DOUBLE ENDED TUNGSTEN HALOGEN LAMPS

Watts	Designation	Base	Lumens	Col. Temp. K	Life (hrs)	Luminaire Type	Cat No. (240V)	Cat No. (230V)
625W	P2/10	R7s	16900	3200	200	Iris, Orion, Arturo	43104	43103
800W	P2/11	R7s	22000	3200	150	Iadi Cyc, Iadi Fill	43114	43113
800W	P2/13 (DXX)	R7s	21400	3200	75	<b>Redhead</b>	43134	43133
1000W	P2/35	R7s	26500	3200	150	<b>Redhead 1000</b>	43354	43353
2000W	P2/27	RX7s	50000	3200	300	<b>Blonde</b>	43274	43273
1000W	P2/7	R7s	26000	3200	200	Orion, Iris, Arturo,	43074	43073
1000W	P2/20	R7s	25500	3200	200	<b>Iadi Cyc, Iadi Fill</b>	43204	43203
1250W	P2/12	R7s	35000	3200	200	<b>Iris, Orion, Arturo</b>	43124	43123
100W	K14	R7s	1350	2850	2000	Miniflood	44144	44143
150W	K12	R7s	2100	2850	2000	Miniflood	44124	44123
200W	K13	R7s	3000	2850	2000	Miniflood	44164	44163
250W	K15	R7s	4000	2900	2000	<b>Miniflood</b>	44154	44153
500W	K1 Frosted	R7s	9500	2900	2000	<b>Nocturne 500, Coda 500</b> , Iadi	44014	44013
1000W	K4 Frosted	R7s	22000	3000	2000	<b>Nocturne 1000, Coda 1000</b>	44044	44043

## LOW VOLTAGE TUNGSTEN HALOGEN & SPECIAL LOW VOLTAGE LAMPS

Watts	Designation	Base	Lumens	pk Candelas	1/2pk angle	Col. Temp. K	Volts	Life (hrs)	Luminaire Type	Cat No.
50W	M58	GX5.3	-	1550	38°	3000	12	3000	Minispot	45580
50W	M50	GX5.3	-	3700	21°	3000	12	3000	Minispot	45500
50W	M49	GX5.3	-	12000	10°	3000	12	3000	Minispot	45490
75W	M82	GX5.3	-	7500	24°	3000	12	3000	<b>Minispot</b>	45820
75W	M60	GX5.3	-	16000	12°	3000	12	3000	Minispot	45600
500W	Crown Silvered	E40	12000	-	-	-	24	50	<b>Beamlite 500</b>	45001
1000W	Crown Silvered	K39d	23000	-	-	-	24	70	<b>Beamlite 1000</b>	45002

## DISCHARGE LAMPS

Watts	Designation	Base	Lumens	Correlated Col. Temp. K	Life (hrs)	Luminaire Type	Cat No.
150W	MBI-T (cool)	G12	12000	4000	6000	<b>Hilite</b>	42020
200W	HMI-SE HR	GZY 9.5	15000	5600	200	<b>Reporterlight 200</b>	42201
575W	HMI	SFC10-4	49000	5600	750	<b>Sirio 575, Arturo 575</b>	42301
575W	HMI-SE HR	G22	49000	5600	750	<b>SuperQuasar 575</b>	42108
1000W	CSI	G22	90000	4000	500	Solo CSI/CID, Followspot	42000
1000W	CID	G22	70000	5500	500	<b>Solo CSI/CID, Followspot</b>	42010
1200W	HMI	SFC15.5-6	110000	5600	750	<b>Arturo 1200, Hyperbeam</b>	42302
1200W	HMI-SE HR	G38	110000	5600	800	SuperNova 25/12 SuperQuasar 25/12 <b>SuperQuasar 1200</b>	42203
1200W	HMI-SE	G22	110000	5600	800	Hyperbeam 1200/1288	42213
1200W	CID PAR 64	99-1435 G38	820,000cnds	5500	1000	Quasar	42030
1200W	HMI PAR 64	G38	See Data Sheet	5600	1000	Quasar	42031
2500W	HMI	SFa21-12	240,000cnds	5600	500	<b>Sirio 2500</b> <b>Arturo 2500</b>	42303
2500W	HMI-SE HR	G38	240000	5600	500	<b>SuperQuasar 25/12 &amp; 40/25</b> <b>SuperNova 25/12 &amp; 40/25</b>	42103
4000W	HMI	STa 21-12	410000	5600	500	<b>Sirio 4000W</b>	42304
4000W	HMI-SE HR	G38	380000	5600	500	<b>SuperNova 40/25</b> <b>SuperQuasar 40/25</b>	42104
6000W	HMI	S25.5X60	570000	5600	350	<b>Sirio 6000W</b>	42305
6000W	HMI-SE HR	G38	650000	5600	300	<b>SuperQuasar 60</b>	42105
12000W	HMI	S30X70	1100000	5600	250	<b>Silver Bullet 12000W</b>	42306

## COMPACT FLUORESCENT LAMPS

Watts	Designation	Base	Lumens	Col. Temp. K	Life (hrs)	Luminaire Type	Cat No.
36W	90+ CRI SE	2G-11(4p)	1900	3000	7000	<b>VideoLux</b>	45910
36W	90+ CRI SE	2G-11(4p)	1900	5400	7000	<b>VideoLux</b>	45920

Note: Luminaire type in **bold** indicates the recommended lamp. SE indicates Single Ended. HR indicates Hot Restrike. CRI indicates Colour Rendering Index.

**SUSPENSION SYSTEMS**

Suspension Systems can provide an effective solution for all studios requiring the capability of meeting a variety of production needs and having an efficient method of achieving short rigging times. Ideally the design of the building structure will be closely co-ordinated from the concept stage of a new studio complex to ensure an optimum layout, achieve overall economies in building costs and provide an effective operational system.

For existing structures, suspension systems can be proposed to enable efficiencies in all types of studio from the largest to small continuity and news studios. Strand offers a comprehensive range of lighting hoists, scenery hoists and control systems to satisfy rigging requirements.

Strand's studio suspension equipment also provides the means to solve specific access and rigging problems economically in concert halls, theatres, multi-purpose venues and lecture theatres.

This section gives details of the most popular 'standard' ranges of studio suspension equipment. There is also an extensive range of 'special' suspension equipment which can be custom made to suit a particular application. Call Strand for further information on suspension products and studio system planning advice.

Strand's new Telescope designs offer all the safety benefits of the helical wind rope system employed on their self climbing hoists. They are available in grid, or above grid versions to suit a wide range of applications where the flexibility of single point suspension is required.

Strand's expert project planning teams are available to advise on the design of installation based around the new telescope range at an early stage in the studio planning process. More detailed information on the new telescopes is available on request.

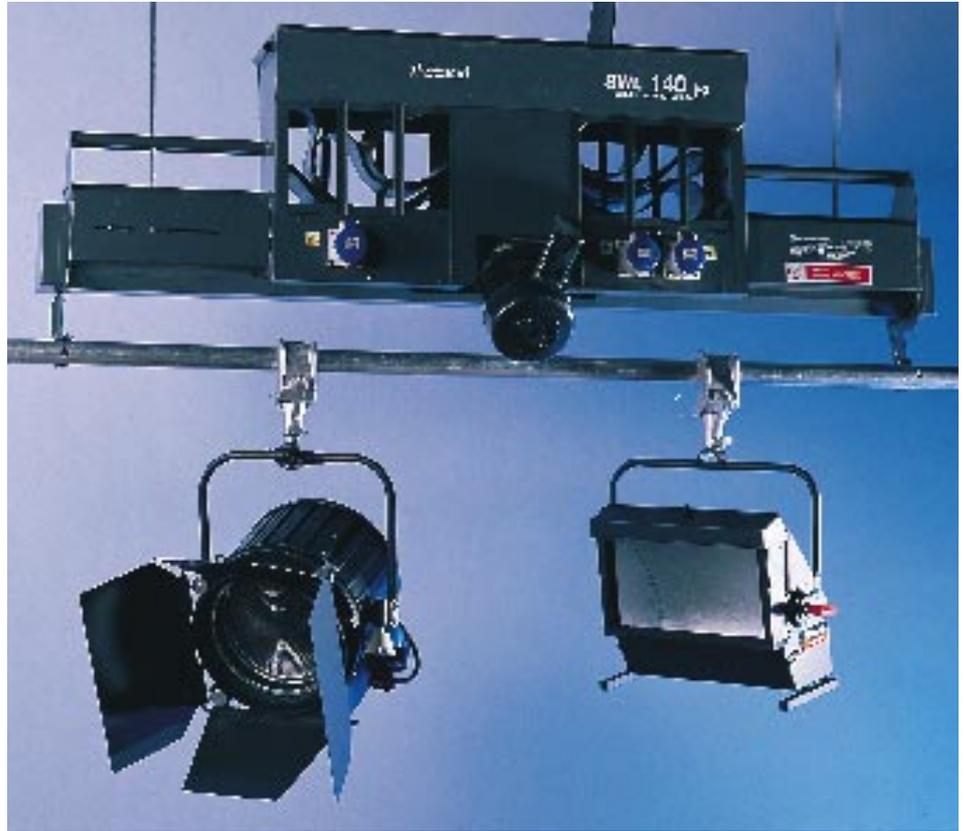
**Suspension Systems Guide**

Single Point Hoist Systems	Height* (m)	Studio area (m <sup>3</sup> )
LightRig / SuperRig	3-4	10 to 75
Spring Pantograph	3-5	50 to 300
Pole Operated Pantograph	3-6	75 to 400
Motorised Pantograph	7-9	600 to 800
Motorised or Manual Telescope	10	600 to 1500

**Barrel Hoists**

Self-Climbing Hoist	6-14	300 to 1500
Grid Mounted Hoist	8-14	600 to 1500

\* Floor to grid height



SELF-CLIMBING LIGHTING HOIST

**BARREL LIGHTING HOISTS**  
SELF-CLIMBING

- Individual or group control from studio floor
- Compact closed-height benefit for low headroom studios
- Helical wind for two or four wire suspension gives constant speed and keeps barrel level throughout travel range; minimises wear on suspension wires and extends operational life
- Low self-weight
- Robust design reduces chance of damage due to rough handling when rigging
- Simple inspection procedure during routine maintenance.
- Underload safety sensing halts hoist when foiled
- Mechanical load sensing protects hoist and structure from overload during operation
- Two standard chassis versions, 1.8m and 2.5m, with maximum barrel lengths of 3m and 4m
- Maximum safe working load 140kg
- Choice of lighting circuits and socket outlets
- Range of mounting kits or accessories available to suit any studio construction

**SC Range of Self-Climbing Hoists**

Self-Climbing hoists are an efficient system in saturation rigged studios to provide safe suspension and rapid access for rigging and de-rigging of studio lighting. Self-folding flat-form cable distributes both control signals to the hoist and power to the chassis mounted socket outlets.

Self-Climbing hoists are generally quoted for and made to special order to match specific requirements, but for information, two common arrangements are listed below. The 1.8m version includes 4-wire hoist chassis, 380/415V 50Hz gear motor assembly, 48mm diameter 3m barrel, flat cable (up to 10.5m travel), one twin 32A and one single 32A CEE17 socket assembly (3 circuits). The 2.5m version is similar, but includes a 4m barrel, flat cable (up to 12m travel), and two twin 32A CEE17 socket assemblies (4 circuits). Both arrangements include a terminal box and hoist I-beam mounting kits. Custom versions can be provided to suit particular applications.

- ☒ 6-14m ⚡ Travel up to 10.5m (1.8m), 12m (2.5m) ✂ 0.8m
- ☑ 380/415V ⚡ 140kg 📏 3m max (1.8m), 4m max. (2.5m)
- 📊 95kg (1.8m), 105kg (2.5m) 120kg (1.8m), 140kg (2.5m)
- 📦 0.88m<sup>3</sup> (1.8m), 1.2m<sup>3</sup> (2.5m) ✓ CE i 3.3.1

Cat No.	Description
33047	1.8m Self-Climbing Hoist, 3 x 32A Circuits, 10.5m travel
33053	2.5m Self-Climbing Hoist, 4 x 32A Circuits, 12m travel

**SC Self-Climbing Hoist Accessories**

Cat No.	Description
33026	Hoist Terminal Box Hoist Mounting Kits (ask for details)
38001	Braked Barrel Trolley - BS Version
38002	Barrel Trolley (unbraked) - BS Version
38003	Braked Barrel Trolley - DIN Version
38004	Barrel Trolley (unbraked) - DIN Version



MOTORISED PANTOGRAPH



POLE OPERATED PANTOGRAPH

**SPRING PANTOGRAPHS**
**2-SPRING/4-SPRING**

- Versatile single point lighting suspension for large and small studios
- Can be suspended from barrel hoists, fixed grids or track and beam systems
- Quick operation

**2-Spring Pantographs**

Two-spring pantograph for loads of 5kg - 20kg with 29mm spigot at top and 29mm socket at base (maximum drop 3.6m).

☒ 4.5m ☒ 3.6m ☒ 540mm ⌀ 20kg ■ 406 x 200 x 540mm  
 ■ 15.9kg ☒ 20kg ☒ 0.079m<sup>3</sup> ✓ CE i 3.2.3

**Cat No. Description**

32002	2-Spring Pantograph, BS 3.6m
32050	2-Spring Pantograph, DIN 3.6m
32046	2-Spring Pantograph, BS 2.55m
32048	2-Spring Pantograph, DIN 2.55m

**4-Spring Pantographs**

Four-spring pantograph for loads of 20kg - 50kg with 29mm spigot at top and 29mm socket at base (maximum drop 3.6m).

☒ 4.5m ☒ 3.6m ☒ 540mm ⌀ 50kg ■ 406 x 200 x 540mm  
 ■ 19.1kg ☒ 23kg ☒ 0.079m<sup>3</sup> ✓ CE i 3.2.3

**Cat No. Description**

32004	4-Spring Pantograph, BS 3.6m
32051	4-Spring Pantograph, DIN 3.6m
32047	4-Spring Pantograph, BS 2.55m
32048	4-Spring Pantograph, DIN 2.55m
32052	Spring Arrestor Kit

**2-Spring Light Duty Pantographs**

A range of light duty two-spring pantograph for loads for either 16mm or 29mm fixing. For either 5 to 12kg at 11 to 20kg Safe Working Load.

i 3.2.3

**Cat No. Description**

32040	2-Spring Light Duty Pantograph, 16mm 5 - 12kg
32041	2-Spring Light Duty Pantograph, 16mm 11 - 20kg
32042	2-Spring Light Duty Pantograph, 29mm 5 - 12kg
32043	2-Spring Light Duty Pantograph, 16mm 11 - 20kg
32044	2-Spring Light Duty Pantograph, Pair, Type A, 5 - 12kg
32045	2-Spring Light Duty Pantograph, Pair, Type B, 11 - 20kg

**PANTOGRAPHS**  
 MOTORISED OR POLE OPERATED

- Versatile single point lighting suspension for large and small studios
- Motorised or pole operated versions
- Can be suspended from barrel hoists, fixed grids or track and beam systems
- Compact closed height benefits for low studio headroom or barrel hoist mounting
- Low self weight
- Simple rigging and de-rigging without need to re-balance when changing to luminaires of different weights
- Simple inspection during routine maintenance
- Helical wind provides constant lifting speed, avoids double flexing cable and extends service life
- 45kg SWL (Safe Working Load)

**MP Range of Motorised Pantographs**

Motorised Pantographs have upper and lower travel limits and overload/no-load sensing feature. Operating speed is 6.6m/min with a SWL of 45kg. Usually made to customer's specifications, but a typical arrangement as listed below includes chassis with spigot, stirrup for 29mm socket, pantograph tray kit (10), 380V/415V 50Hz gear motor. Other versions and options are described in the data sheet.

☒ 4 - 9m ☒ 2.8 - 8m ☒ 550mm - 760mm (depending on version) ☒ 380/415V ⌀ 45kg ■ 532 x 500 x 780mm ■ 24.3kg - 27.3kg (depending on version) ☒ 40kg ☒ 0.39m<sup>3</sup> ✓ CE i 3.2.2

**Cat No. Description**

32012	Motorised Pantograph, 10 tray, Spigot Mount
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**HP Range of Pole Operated Pantographs**

Pole operated pantographs have individual adjustment of vertical luminaire position achieved from studio floor level. A motorised pole can reduce rigging time. SWL 45kg. Usually made to customer's specifications, but a typical arrangement as listed below includes a spigot chassis (suitable for use with 29mm or DIN sockets), stirrup for 29mm socket and 14 pantograph tray kits. Other versions and options are described in the data sheet.

☒ 3 - 6m ☒ 2.67 - 5.1m ☒ 360mm - 458mm (depending on version) ⌀ 45kg ■ 500 x 528 x 458mm ■ 17.7kg - 19.1kg (depending on version) ☒ 25kg ☒ 0.24m<sup>3</sup> ✓ CE i 3.2.1

**Cat No. Description**

32036	Pole Operated Pantograph, 14 Tray, Spigot Mount
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**Pantograph Accessories**
**Cat No. Description**

32001	Pantograph Number Plate Kit for Luminaire Supply Cable and Socket (ask for details)
32034	Motorised Operating Pole, adjustable length up to 5.3 Metres Long
	Manual Operating Poles
38001	Braked Barrel Trolley - BS Version
38002	Barrel Trolley (unbraked) - BS Version
38003	Braked Barrel Trolley - DIN Version
38004	Barrel Trolley (unbraked) - DIN Version



LIGHTSCOPE

### LIGHTSCOPE SPRING BALANCED TELESCOPE

- Lightweight spring-balanced telescopes for vertical positioning
- Suitable for fixed grids, track and beam grids, or use with barrel hoists
- Special black anodized extruded telescopic aluminium tube sections
- Twin constant-force springs with simple adjustment of lifting capacity
- Choice of lifting capacity; either 4.5kg - 9kg or 9kg - 18kg
- Versions for either 2.2m or 3.4m extended length
- Suspension mounting 29mm spigot
- 29mm socket for luminaire suspension
- Anchor point for safety cable
- Cradle and clips for luminaire cable support

### Lightscope

A range of lightweight telescopes with simple adjustment of spring force to accommodate different luminaire weights. Two lifting capacity options in two extended length options are available. Suitable for all sizes of studio where vertical repositioning movement of up to 3.4m is required. May be installed directly on track and beam and fixed grids of low-height studios, or used in addition to hoists in larger studios.

☐ any ◆ 2.2m or 3.4m ✕ 1.1m or 0.8m ⌀ 9kg or 18kg ⚖ 6.6kg  
✓ CE i 3.4.1

#### Cat No. Description

38006	Lightscope, 3.4m, 9 - 18kg
38007	Lightscope, 2.2m, 9 - 18kg
38008	Lightscope, 3.4m, 4.5 - 9kg
38009	Lightscope, 2.2m, 4.5 - 9kg



SUPERRIG SUSPENSION SYSTEM

### LIGHTRIG™ TRACK & BEAM SUSPENSION SYSTEM

- Can position luminaires anywhere in StudioRig
- Suitable for situations with restricted height or floor space limitations, small TV studios, newsrooms etc.
- Smooth running carriages ensure no jamming of cross rails
- Luminaires are suspended from wheeled trolleys and can be moved along full length of track
- Luminaire track can be positioned anywhere along or at an angle to supporting fixed rails

### LightRig System

LightRig has been designed for the smaller studio to enable flexibility in the positioning of luminaires and keeping floor areas clear for cameras and other equipment. LightRig systems can be configured from a range of components comprising: Rails, Suspension, Installation accessories and Components. It is appropriate to studios of 3m to 4m height and from 10m<sup>2</sup> up to 75m<sup>2</sup>. Pantographs are available for the system. (See Page 35).  
i 3.1.1

### SUPERRIG™ HEAVY DUTY TRACK & BEAM SUSPENSION SYSTEM

- Track and beam suspension system offering greater support capacity than LightRig™
- Ideal for situations where building structure or studio height is not suitable for a full hoist rig
- Choice of tracking or fully articulated beams
- Versions with load capacity of up to 140kg evenly distributed over 3m steel track section
- Smooth running carriages ensure no jamming of cross beams
- Fixtures are suspended from wheeled trolleys and can be moved along full length of the beam
- Beams can be positioned anywhere along, or at an angle to, supporting grid rails
- Wide range of system components to suit precise requirements

SuperRig is designed to support the combined weight of larger studio luminaires and pantographs. For use in studios of 4 - 7m high and 50 to 500 square meters in floor area. SuperRig systems can be configured from a range of components comprising: Rails, Suspension, and Installation accessories. It is also possible to incorporate a LightRig into SuperRig installations.

For further information on LightRig or SuperRig contact your Strand Lighting Representative.  
i 3.1.2



BARREL TROLLEYS

### BARREL TROLLEYS ★NEW★

- Provides lateral positioning along 48mm (1 29/32") barrels
- Can be used on Self Climbing hoists, SuperRig and fixed pipe grid systems
- Rated at 75kg Safe Working Load to take combined weight of the largest studio luminaires and pantographs
- BS and DIN version available
- CE marked for conformity to EC Machinery Directive

SWL - 75kg Studio Height - Any Weight - 2.45kg  
Dimensions 226 x 230 x 230mm (107 unbraked version) ✓ CE  
i 3.1.3

#### Cat No. Description

38001	Braked Barrel Trolley - BS Version
38002	Barrel Trolley (unbraked) - BS Version
38003	Braked Barrel Trolley - DIN Version
38004	Barrel Trolley (unbraked) - DIN Version

### OPERATING POLES

#### Cat No. Description

82115	Operating Pole, 1.5m
82125	Operating Pole, 2.5m
82135	Operating Pole, 3.5m
82145	Operating Pole, 4.5m
82140	Operating Pole, Adjustable, 1.4m - 4m
32034	Motorised Operating Pole, Adjustable to 5.3m



THEATRE STANDS, 81030, 81031 &amp; 81100



THEATRE STANDS, 93101, 93102 &amp; 93103



29MM SPIGOT &amp; 19MM SPIGOT ADAPTER



HEAVY DUTY HOOK CLAMP, 82101 &amp; HOOK CLAMP, 82100

## THEATRE STANDS, BRACKETS & ACCESSORIES

- A full range of stands for use in the theatre
- Stands with fittings to accept 19mm spigots, 29mm spigots and German DIN fixing accessories
- Accessories including crossbars also available
- The Studio stand range can also be used in the theatre

An extensive range of stands is provided to support each of the theatre luminaires in this catalogue. From low level stands for floor mounting smaller stage luminaires, through medium duty stands for general theatre use, to braced followspot stands, there is a stand to cope with all situations.

### Theatre Stands

Cat No.	Description
81002	Low Stand, 19mm Socket
81030	Single Extension Cast-Base Stand, 19mm Socket
81031	Tall Double Extension Stand, 19mm Socket
81100	Braced Single Extension Followspot Stand, 29mm Socket and Clamping Collar
93101	Single Extension Stand with M10 Screw to take Universal Head (93110) or DIN 15560 Plate (93109)
93102	Double Extension Stand with M10 Screw to take Universal Head (93110) or DIN 15560 Plate (93109)

93103	Wind-Up Single Extension Stand with M10 Screw or to take Universal Head (93110) or DIN 15560 Plate (93109)
93105	Folding, Braced Followspot Stand with 29mm Socket
93106	Lightweight Stand with M10/16mm Spigot

### Theatre Stand Accessories

Cat No.	Description
93109	DIN 15560 Plate for 93101, 93102 & 93103
93110	Universal Head (29mm TV Socket & 16mm Spigot) for 93101, 93102 & 93103
93107	Single Extension to take M10 Screw or Universal Head (93110) or DIN 15560 Plate (93109), 1000mm for 93101, 93102 & 93103
93112	Crossbar with nine M10 clearance holes for up to eight Lightweight Luminaires. Supplied with M10 Screw
93113	Mounting Bracket, 30mm, for second Crossbar (93112) on 93101, 93102 or 93103 Stand
93111	Mounting Bracket, 36mm, for second Crossbar (93112) on 93102 Stand
82041	Crossbar with Four 4 X M10 Clearance Holes for Lightweight Luminaires, 29mm Spigot
93114	Set of three braked wheels for 93101, 93102 & 93103 Stand
93108	Set of three braked wheels for 93105 Followspot Stand
93204	DIN 15560 Plate with 29mm Spigot
93211	28mm DIN Spigot with M10 Thread
82021	29mm Spigot with M10 Thread
82028	29mm Spigot with M12 Thread
82029	19mm Spigot with M12 Thread
82030	19mm Spigot with M10 Thread
93121	16mm Spigot with M10 Thread

### Theatre Clamps, Brackets & Barrels

Cat No.	Description
82000	Safety Cable (up to 16kg)
82001	Safety Cable (up to 25kg)
82010	Hook Clamp
82011	Hook Clamp, Heavy Duty
82012	Hook Clamp to accept 29mm Spigot
82021	29mm Spigot, M10 Thread
82028	29mm Spigot, M12 Thread
82029	19mm Spigot, M12 Thread
82030	19mm Spigot, M10 Thread
82022	16mm Socket, M10 Thread
82203	Boom Bracket for Vertical 48mm External Barrel with through Hole for M12 Thread
82200	Wall Bracket for 2 x Small Spotlights (Minim or Quartet)
82201	Heavy Duty Wall Bracket
82204	Ceiling Fixing Saddle
82103	48mm External Diameter Barrel, 3m
82104	48mm External Diameter Barrel, 4m
82206	Clamping Plate, joins two Barrels end to end
82202	Universal Mounting Bracket
82205	Wall Bracket for fixing 48mm External Diameter Barrel

Cat No.	Description	Sockets	Spigot (mm)	Height Max. (mm)	Height Min. (mm)	Tripod Spread (mm)	Folded Length (mm)	Diameter (mm)	Load Max. (kg)	Weight (kg)
81002	Low Stand	19	-	115	-	305	-	-	50	1.1
81030	Single Extension Cast-Base Stand	19	-	2380	1330	375	1280	110	20	7.8
81031	Tall Double Extension Stand	19	-	3800	1500	500	1545	170	25	9.1
81100	Braced Followspot Stand	29	-	1500	900	525	1070	175	50	6.5
93101	Single Extension Stand	M10	-	2335	1380	1110	1115	100	40	6.0
93102	Double Extension Stand	M10	-	3380	1530	1110	1290	100	30	7.5
93103	Wind-Up Single Extension Stand	M10	-	2275	1475	1110	1240	250	50	6.5
93105	Folding, Braced Followspot Stand	29	-	1600	900	860	1030	110	50	6.9
93106	Lightweight Stand	-	16	2900	1200	1110	1040	120	10	3.1



SWIVEL MOUNTING BRACKETS

### SWIVEL MOUNTING BRACKETS

- Single or double swivel arm luminaire mounting brackets
- Designed for wall mounting or to be fixed to vertical bars
- Heavy duty versions are available
- M10 fixing with locking levers, or optional DIN-plate or socket for 29mm spigots
- 2mm steel construction for strength
- The locking levers allow fixing of the luminaire at precise angles
- Each wall mounting bracket is supplied with M10 bolt with locking lever to be adjusted in two variable positions as standard

A range of swiveling brackets designed to mount luminaires from vertical walls or barrels in the theatre. They can be used with M10 or M12 suspension holes in luminaire yokes or with optional accessories can take German DIN plates or 29mm spigots.

Cat No.	Description
93115	Swivel Bracket, Single 500mm Extension, 30kg max.
93116	Swivel Bracket, Double 250mm Extension, 25kg max.
93117	Heavy Duty Swivel Bracket, Double 250mm Extension, 50kg max.



SELECTION OF NEW BLACK FINISH STANDS

### Swivel Mounting Bracket Accessories

Cat No.	Description
93118	Clamp for Bar Mounting including set of four screws
93109	Luminaire Plate DIN 15560
93119	Socket to accept 29mm Spigot

### STANDS & GRIP EQUIPMENT

#### STUDIO & LOCATION

- A full range of stands to meet every requirement in the studio and on location
- Compact and lightweight stands for portable lighting
- Heavy duty stands for the studio and on location
- Wind-Up stands for the heavier location lights
- A range of grip products to mount luminaires where stands can not be used
- Barricuda pole support system provides mounting for lightweight luminaires where floor space is too restricted for stands
- A range of textiles and support accessories for extra control of the light



ATLAS 81022 &amp; 3 SECTION WIND-UP STANDS, 81020

Strand is able to provide a range of stands, pole supports and grip devices to enable all of its studio and location lights to be mounted in the most effective manner for the particular situation.

### Studio & Location Stands

Cat No.	Description
81001	Table Stand, 16mm Spigot
81003	Mercury, Small Compact Kit Stand, 16mm Spigot, Black
81005	Spartan, Medium Compact Kit Stand, 16mm Spigot, Black
81007	Apollo, Medium Lightweight Stand, 16mm Spigot, Black
81009	Trojan, Large Lightweight Stand, 16mm Spigot, Black
81012	Hercules, Single Extension Stand, Universal Head with 29mm Socket & 16mm Spigot, with Castors
81014	Hercules, Single Extension Stand, Universal Head with 29mm Socket & 16mm Spigot, without Castors
81015	Goliath High Lightweight Stand, Universal Head with 29mm Socket & 16mm Spigot, Black
81022	Atlas Heavy Duty Double Extension Stand, 29mm Socket with Locking Castors
81018	Sampson Double Extension Wind-Up Stand, Universal Head with 29mm Socket & 16mm Spigot
81020	Triple Extension Wind-Up Stand, Universal Head with 29mm Socket & 16mm Spigot
81025	Gladiator Heavy Duty Double Extension Wind-Up Stand, 29mm Socket, Black

Cat No.	Description	Sockets (mm)	Spigot (mm)	Height Max. (mm)	Height Min. (mm)	Tripod Spread (mm)	Folded Length (mm)	Diameter (kg)	Load Max. (kg)	Weight
81001	Table Stand	-	16	75	-	135	-	-	-	0.16
81003	Mercury Small Compact Kit Stand	-	16	1900	490	1000	485	80	4	0.95
81005	Spartan Medium Compact Kit Stand	-	16	2400	690	1020	755	70	5	1.25
81007	Apollo Medium Lightweight Stand	-	16	2500	880	902	860	96	5	1.25
81009	Trojan Large Lightweight Stand	-	16	2900	1030	900	1000	108	10	2.0
81012	Hercules Stand with Castors	29	16	2200	1180	990	1160	100	30	7.5
81014	Hercules Stand without Castors	29	16	2200	1180	990	1160	100	30	7.5
81015	Goliath High Lightweight Stand	29	16	3700	1440	1270	1440	140	40	7.0
81022	Atlas Heavy Duty Stand	29	-	2620	1250	1000	1200	200	30	9.0
81018	Sampson Wind-Up Stand	29	-	2470	1390	1000	1652	300	45	17.5
81020	3-Section Wind-Up Stand	29	16	3050	1670	1280	1800	230	40	21.3
81025	Gladiator Heavy Duty Stand	29	-	3610	1620	1700	1830	475	120	55



GLADIATOR STAND



BARRICUDA POLE SYSTEM



LARGE GAFFER GRIP, 82603



MAGIC ARM SET, 82600



BARREL CLAMP, 82014



SMALL GAFFER GRIP, 82602



SCENERY CLAMP, 82017



ADJUSTABLE GAFFER GRIP, 82609

### Studio Stand Accessories

Cat No.	Description
81110	800mm Extension for 81009 (Trojan)
81122	1000mm extension for 81022 (Atlas)
82040	Side Support Arm for 81022 (Atlas)
81215	Set of 3 Unbraked Wheels for 81015 (Goliath)
81216	Set of 3 Braked Wheels for 81015 (Goliath)
82020	Spigot 16/29mm (Adapts Stand with 29mm Socket to take Luminaire with 16mm Socket)
82042	Crossbar, takes two Lightweight Luminaires using Gaffer Grips or Super Clamps, 16mm Socket for Mounting on Stands

### Studio & Location Grip Equipment

Cat No.	Description
82012	Hook Clamp, 48mm Barrel, accepts 29mm TV Spigot
82013	Hook Clamp, 32 - 62mm Barrel, accepts 29mm TV Spigot
82014	Barrel Clamp, 48mm Barrel, accepts 29mm Spigot & 16mm Spigot
82015	Barrel Clamp, 48mm Barrel, accepts 29mm Spigot & 16mm Socket
82016	Barrel Clamp, 38mm Barrel, accepts 29mm Spigot & 16mm Socket
82023	16mm Spigot to adapt 82014 for Luminaires with 16mm Socket
82017	Adjustable Scenery Clamp, accepts 29mm Spigot
82025	Swiveling Hook Clamp, 48mm Barrel, requires 82026 or 82027 below
82026	Swivel Socket for 82025 above, 29mm Socket
82027	Swivel Spigot for 82025 above, 16mm Socket
82018	Swiveling Hook Clamp, 28 to 78mm Barrel, 29mm & 16mm Sockets and 16mm Spigot
82602	Small Gaffer Grip, 16mm Spigot
82603	Large Gaffer Grip, 16mm Spigot
82609	Adjustable Gaffer Grip, 2 x 16mm Spigots, jaws adjust from 25 to 65mm
82602	Small Gaffer Grip, 16mm Socket
82603	Large Gaffer Grip, 16mm Socket
82609	Adjustable Gaffer Grip, 1 x 16mm Spigot, 1 x 16mm Socket, jaws adjust from 25 to 65mm
82606	Superclamp, 16mm Socket, jaws adjust from 13 to 55mm
82607	Joining Stud for two Superclamps back to back and rotatable in 6 steps

82608	Double Superclamp (two Superclamps fixed back to back at right angles)
82600	Magic Arm Set - Complete with 82606 Superclamp
82605	Handgrip with 16mm Spigot (fits Pulsar, Redhead)

### Flags, Textiles & Frames

Cat No.	Description
82750	Ball & Socket Flag Arm
82701	Black Flag, 250 x 400mm
82752	Single Flag Arm, 16mm Spigot
82753	Double Extension Flag Arm, 29mm Spigot
82754	Double Extension Flag Arm, C-clamp
82751	Textile Frame, 250 x 400mm
82755	Textile frame, 400 x 600mm, Full
82704	Textile Frame, 400 x 600mm, Open One Long Side
82703	Black Cloth for 82755 above, 400 x 600mm
82702	Single Scrim, White, 250 x 400mm for 82751
82705	Single Scrim, White, 400 x 600mm for 82704
82706	Double Scrim, White, 400 x 600mm for 82704

### Barricuda Pole Supports

Cat No.	Description
82816	Barricuda Pole (1m to 1.6m)
82828	Barricuda Pole (1.6m to 2.8m)
82847	Barricuda Pole (2.6m to 4.7m)

### Barricuda System Accessories

Cat No.	Description
82808	Two Light Support, 2 x 16mm Spigots
82810	Extension Pole, 1m
82815	Extension Pole, 1.5m
82812	Crossbar, Square Section, 1.2m
82824	Crossbar, Square Section, 2.4m
82836	Crossbar, Square Section, 3.6m
82804	Crossbar Fixing Brackets, Pair



HOOK CLAMP 32-62MM BARREL, 82013



HOOK CLAMP 48MM BARREL, 82012

**STRAND 430, 530, 550™**
**★NEW★**
**HIGH CAPABILITY CONSOLE PLATFORM**

- Mid to high capacity range of lighting control hardware platforms for high capability Strand application software
- For professional theatre, concert halls, TV studios and touring
- Automated light and network ready
- Submasters include 6 configurable 'Supermasters' with LCD labels
- Choice of either GeniusPlus or Lightpalette operating software - and optional application software
- Strand 430 equipped with Intel Pentium 75 processor; Strand 530/550 equipped with Pentium 90
- Operating software controls up to 600 intensity channels, 400 scrollers and moving light attributes into 1536 DMX outputs (Strand 430); 1500 intensity channels, 500 scrollers and moving light attributes patched to 2000 DMX outputs (Strand 530/550)
- Intensity channels may be converted into additional attribute channels if required
- Three backlit graphic LCD displays with context sensitive soft keys
- Hard disk for show storage
- 6 pages of individually programmable submasters, plus any submaster or supermaster can be configured as one of 6 user-selectable super masters
- Dedicated tracker ball and rotary controls for automated light attributes (requires optional Tracker software)
- Simultaneous digital and analogue multiplex protocols
- Two split crossfade playbacks for software-selectable single or twin playback operation
- Twin programmable Grand Masters and user-selectable blackout/stop control
- Thirty effects playbacks
- One or two VGA colour monitors expandable to four on 530/550
- Integral 3.5" disk drive



STRAND 430 MEMORY LIGHTING CONSOLE

**Strand 430™**

Transportable or installed memory lighting console with 30 submasters, for use with GeniusPlus or Lightpalette operating software and optional Strand application software. The operating software chosen sets the capacity of the system in increments from 100 intensity channels plus 100 colour or motion attributes to a maximum of 600 channels plus 400 attributes. Attribute capacity may be increased by re-allocating unused intensity channels. Future expansion of capacity or additional functions is designed into the system through upgrade packs or additional application software.

120V-240V universal 50/60Hz  600 ch. + 400 att.  I536  
 24  unlimited  DMX512, D54  1220 x 620 x 150mm  
 45kg  1220 x 670mm  53kg  0.304m<sup>3</sup>  CE  i 6.5.4

**Cat No. Description**

64512	Strand 430 Console, (Requires GeniusPlus or Lightpalette Operating Software Minimum)
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**Strand 530™**

Transportable or installed memory lighting console with 24 submasters, for use with GeniusPlus or Lightpalette operating software and optional Strand application software. The operating software chosen sets the capacity of the system in increments from 100 intensity channels plus 100 colour or motion attributes to a maximum of 1500 channels plus 500 attributes. Attribute capacity may be increased by re-allocating unused intensity channels. Future expansion of capacity or functions is designed into the system through upgrade packs or additional application software.

120V-240V universal 50/60Hz  1500 ch. + 500 att.  I536  
 2000 (network)  24  unlimited  DMX512, D54  
 1220 x 620 x 150mm  45kg  1220 x 670mm  53kg  
 0.304m<sup>3</sup>  CE  i 6.5.5

**Cat No. Description**

64514	Strand 530 Console, (Requires Lightpalette or GeniusPlus Operating Software Minimum)
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**Strand 550™**

Transportable or installed memory lighting console with 54 submasters, for use with GeniusPlus or Lightpalette operating software and optional Strand application software. The operating software chosen sets the capacity of the system in increments from 100 intensity channels plus 100 colour or motion attributes to a maximum of 1500 channels plus 500 attributes. Attribute capacity may be increased by re-allocating unused intensity channels. Future expansion of capacity or additional functions is designed into the system through upgrade packs or additional application software.

120V-240V universal 50/60Hz  1500 ch. + 500 att.  I536  
 2000 (network)  24  unlimited  DMX512, D54  
 1485 x 620 x 150mm  55kg  1485 x 670mm  70kg  
 0.47m<sup>3</sup>  CE  i 6.5.6

**Cat No. Description**

64518	Strand 550 Console, (Requires Lightpalette or GeniusPlus Operating Software Minimum)
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**Strand 430, 530, 550™ Peripherals & Accessories**
**Cat No. Description**

66012	VGA 14" Monitor 230/240V
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66015	Dual VGA card for 530/550
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This card must be installed by an authorised service provider

65100	SN100 Ethernet Node
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66126	Radio Remote 418 MHz (UK)
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66127	Radio Remote 433.92 MHz (EU)
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66123	Base Station 433.92 MHz (EU)
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66124	Base Station 418 MHz (UK)
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66129	Handheld Remote - Wired
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66211	Mini Keyboard UK
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66032	Dust Cover for VGA Monitor
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66034	Dust Cover, Strand 430/530
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66035	Dust Cover, Strand 550
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66055	Touring Case, Strand 430/530
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66056	Touring Case, Strand 550
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STRAND 530 MEMORY LIGHTING CONSOLE

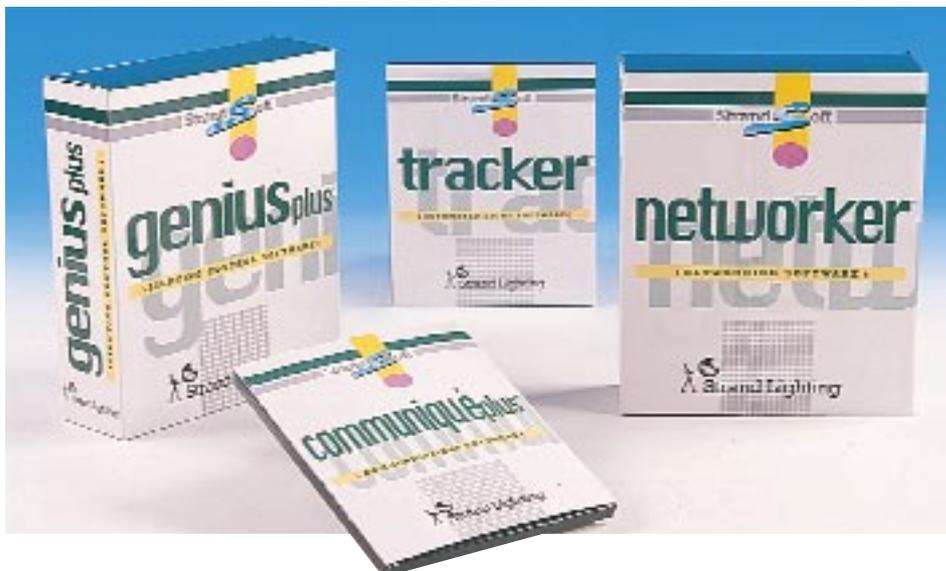
**SOFTWARE ★NEW★**
**FOR STRAND 430/530/550 CONSOLES**

- Operating and application software for Strand 430 and Strand 530, 550 consoles
- Upgradable at any time for increased capacity or functionality
- Choice of GeniusPlus direct action or Lightpalette command line operating software
- GeniusPlus and Lightpalette operating software provides a choice of lighting control operation and special effects for 100 intensity channels plus 100 scroller/moving light attributes (Tracker application software is required for integrated moving light control)
- Channel upgrade packs available in 50 or 200 intensity channel blocks to reach desired maximum capacity
- Choice of languages included
- Supports single or twin playback operation, single or dual VGA monitor displays, 6 pages of individually programmable submasters (independent or inhibitive), additional 6 Supermasters for custom function mastering, 10 separate effects playbacks, and macros
- Optional application software is available for remote control, networking, and moving light attribute control
- CommuniquéPlus application software adds communications protocols to operate with other DMX consoles, remote controls, and central 'event' controllers; includes MIDI and MIDI Show Control facilities
- Tracker application software adds multi-attribute control of any DMX automated lights, scanners and scrollers using the additional wheels and tracker ball controls on the console
- Networker application software for remote colour monitors, remote control and DMX distribution; includes an Ethernet card for the console, and requires Strand SNI00 nodes

**GeniusPlus™ Preset Style Operating Software**

GeniusPlus operating software provides the primary functionality for the Strand 430, 530 and Strand 550 high-capability console hardware platforms in a direct action, preset style operation philosophy. Available as a 100 channel operating system and 50 or 200 channel incremental channel upgrades, GeniusPlus provides a maximum of 600 intensity channels (plus 400 attributes) for the Strand 430 and 1500 intensity channels (plus 500 attributes) for the Strand 530 and Strand 550. *i 6.6.2*

Cat No.	Description
67311	GeniusPlus Preset Style Operating Software (100 Channels)
67511	50 Channel Expansion
67513	200 Channel Expansion
85111	Additional GeniusPlus Manual Set


SOFTWARE FOR 430/530/550 CONSOLES
**Lightpalette™ Tracking Style Operating Software**

Combining the performance of Lightpalette operation with the power of the 430/530/550 consoles to create the next generation of Lightpalette consoles. Available as a 100 channel operating system and 50 or 200 channel incremental channel upgrades, Lightpalette provides a maximum of 600 intensity channels (plus 400 attributes) for the Strand 430 and 1500 intensity channels (plus 500 attributes) for the Strand 530 and Strand 550. *i 6.6.3*

Cat No.	Description
67331	Lightpalette Tracking Style Operating Software (100 Channels)
67511	50 Channel Expansion
67513	200 Channel Expansion
85131	Additional Lightpalette Manual Set

**CommuniquéPlus™ Application Software**

Optional software package to extend the GeniusPlus or Lightpalette operating software to include communications protocols to operate with other DMX consoles, remote controls, and central 'event' controllers.

CommuniquéPlus extends the features of GeniusPlus and Lightpalette to provide to 12 remote +10V analogue inputs for external submasters or macro switching. Interface for DMX IN (channel or dimmer modes) from a remote DMX controller. Supermaster control for DMX IN. Macros triggered by configurable MIDI input, or configurable RS-232 ASCII serial input. RS-232 for remote ASCII control. MIDI Show Control. MIDI In/Thru/Out, MIDI for tracking backup with a second identical console, plus configurable MIDI "GO" command. *i 6.6.5*

Cat No.	Description
67515	CommuniquéPlus Application Software

**Tracker™ Application Software**

Optional software package to extend the GeniusPlus or Lightpalette software to include control of automated spotlights.

Tracker software adds fully integrated moving light control to GeniusPlus or Lightpalette operating software. Automated spotlights are selected with a single channel number and controlled functions are immediately available on the wheel, keyboard, tracker ball and rotary controls. Dedicated displays can be selected individually to display all attributes for a selected channel, or can be preset to swap automatically whenever a channel with attributes is selected. Intuitive user interface, "auto move when dark", cue tracking and dual playbacks make Tracker easy and fast to use. *i 6.6.6*

Cat No.	Description
67523	Tracker Application Software

**Networker™ Application Software**

Optional software package, which includes an Ethernet expansion card, to distribute remote VDU display signals and DMX dimmer/attribute signals when used with Strand SNI00 Ethernet nodes (see also SNI00 data sheet) as part of Strand's ShowNet lighting console network system.

At any point in the Ethernet distribution system, a Strand SNI00 node may be inserted, for local connection to the signals produced by the lighting console. In this way, two video screens can be viewed remotely on VDUs connected to an SNI00, and up to 2 DMX In/out lines can be connected. Future developments include the expansion of signals present through ShowNet including remote controls, and backup systems.

Networker software and SNI00 Ethernet nodes are required when more than 1536 DMX channels are used. Up to 6 DMX lines are supported with GeniusPlus or Lightpalette Operating software; a maximum of three available directly from the console, the remaining lines being accessed through the Ethernet network via SNI00 nodes (2 DMX lines each). An additional feature is DMX address mapping which allows a user-selectable range of sequential DMX channel numbers to be directed to any DMX line. *i 6.6.5*

Cat No.	Description
67519	Networker Application Software & Network Card*

*\* Note: This card must be installed by an authorised Strand Lighting service provider.*

**GeniusPlus™ Off-Line Editor**

A stand-alone program for a 486 or higher PC using MS-DOS to emulate the operational features of a 430/450/550 Console and GeniusPlus operating software. Memories may be recorded and viewed in real-time on the PC and the information recorded to disk for transfer to a console.

Cat No.	Description
67411	GeniusPlus Off-Line Editor

**Lightpalette™ Off-Line Editor**

A stand-alone program for a 486 or higher PC using MS-DOS to emulate the operational features of a 430/450/550 Console and Lightpalette operating software. Memories may be recorded and viewed in real-time on the PC and the information recorded to disk for transfer to a console.

Cat No.	Description
67431	Lightpalette Off-Line Editor

**GSX™**

CONTROL CONSOLE PLATFORM  
25, 50, 75, 100, 125 CHANNELS

- Compact lighting hardware platform with a choice of software packages
- Designed for smaller scale entertainment lighting and presentations
- Low-priced entry level with channel number and feature upgrade paths
- Integrated 3.5" disk drive and separate VGA colour monitor
- Comprehensive control surface including command panel, two independent playbacks, wheel, LCD display and 24 submasters
- Strand's Genius operating software provides an intuitive user interface and a foundation environment for controlling up to 512 DMX dimmers or scrollers using 25, 50, 75, 100, or 125 channels
- Optional Kaleidoscope application software expands Genius to include advanced effects and intelligent colour scroller control
- Optional Communiqué application software expands Genius to include industry-standard communications protocols such as MIDI Show Control, MIDI Backup, DMX input, RS232 ASCII remote control, remote submasters and macros
- Software updates or new operating packages can be added using integral floppy disk drive

**GSX™ Control Console**

Compact and versatile hardware platform for use with Genius operating software, and optional Kaleidoscope and Communiqué application software. The Operating Software package chosen sets the capacity of the system in increments from 25 channels to a maximum of 125 channels. With two playbacks, 24 submasters, LCD display and integral 3.5" floppy disk drive. Supplied with power supply. Future expansion of capacity or functions (through application software) is designed into the system through the purchase of upgrade packs or additional application software. See also LBX console which has a similar specification to GSX, but provides in additional two presets of software configurable manual faders.

■ 22VDC ■ 25-125 ■ 512 ■ 24 ■ 200 ■ DMX512, AMX192, MIDI, MSC ■ 751 x 285 x 65mm ■ 5.5kg ■ 751 x 380mm ✓ SELV CE i 6.5.2

**Cat No. Description**

64003	GSX Console, UK PSU (Requires Genius Software Minimum)
64002	GSX Console, European PSU (Requires Genius Software Minimum)

**GSX™ Peripherals & Accessories**

Cat No.	Description
66012	Monitor, 14", VGA (230V/240V)
66013	Monitor, 15", SVGA (110/230V)
66041	Handheld Designer's Control
66083	DMX Control Cable, 2m
66081	DMX Control Cable, 10m
66082	DMX Control Cable, 25m
66031	Vinyl Cover, GSX Console
66032	Vinyl Cover, 14" Monitor
66051	Touring Case, GSX Console
66052	Touring Case, 14" Monitor

**LBX™**

CONTROL CONSOLE PLATFORM  
25, 50, 75, 100, 125 CHANNELS

- Compact memory + manual lighting console platform with a choice of application software packages
- Rugged console designed for concert lighting, multipurpose venues and touring
- Common hardware platform, user configurable as 96 channel single preset desk, 72 channel single preset with 24 submasters, 48 channel two preset desk, or 36 channel two preset desk with 24 submasters
- Integral auto-sensing 120V-240V power supply
- Integrated 3.5" disk drive and separate VGA colour monitor
- Comprehensive control surface including command panel, two independent playbacks, wheel and LCD display
- Strand's Genius foundation software provides an intuitive operating system and a foundation environment for controlling up to 512 DMX dimmers or scrollers using 25, 50, 75, 100, or 125 channels
- Optional Kaleidoscope application software package expands Genius to include advanced effects and intelligent colour scroller control
- Optional Communiqué application software package expands Genius to include industry-standard communications protocols such as MIDI Show Control, MIDI Backup, DMX input, RS232 ASCII remote control, remote submasters and macros
- Uses software updates or new operating packages using integral floppy disk drive



GSX 125 CHANNELS WITH MONITOR

**LBX™ Control Console**

Compact and versatile hardware platform for use with Genius operating software, and optional Kaleidoscope and Communiqué application software. The Operating Software package chosen sets the capacity of the system in increments from 25 channels to a maximum of 125 channels. LBX has two presets of software configurable manual faders to provide a 96 channel single preset desk, or 72 channel single preset with 24 submasters, or 48 channel two preset desk, or 36 channel two preset desk with 24 submasters. LBX has two playbacks, LCD display and integral 3.5" floppy disk drive. Future expansion of capacity or functions (through extension software) is designed into the system through the purchase of upgrade packs or additional extension software. See also GSX console which has a similar specification to LBX, but in a smaller case with 24 submasters replacing the 96 software configurable manual faders.

■ 120V - 240V (autosensing) ■ 25 - 125 ■ 512 ■ 24 ■ 200 ■ DMX512, AMX192, MIDI, MSC ■ 751 x 285 x 65mm ■ 5.5kg ■ 751 x 380mm ✓ SELV CE i 6.5.3

**Cat No. Description**

64051	LBX Console (Requires Genius Operating Minimum)
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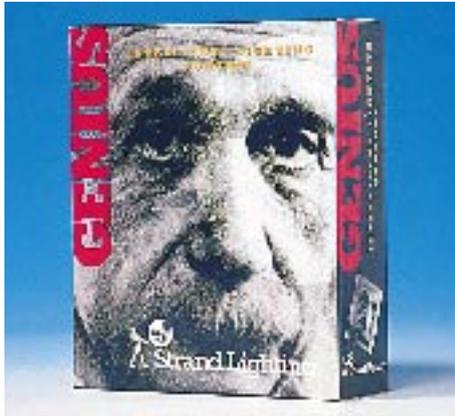
**LBX™ Peripherals & Accessories**

Cat No.	Description
66012	Monitor, 14", VGA (230V/240V)
66041	Handheld Designer's Control
66083	DMX Control Cable, 2m
66081	DMX Control Cable, 10m
66082	DMX Control Cable, 25m
66033	Vinyl Cover, LBX Console
66032	Vinyl Cover, 14" Monitor
66051	Touring Case, GSX Console
66052	Touring Case, 14" Monitor

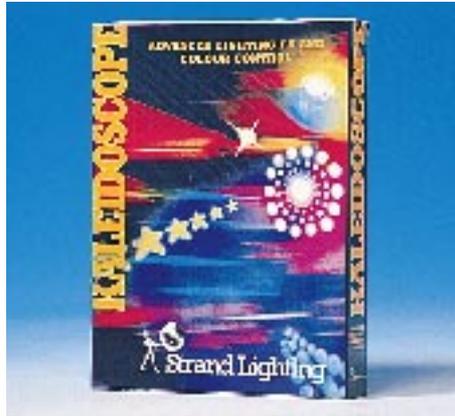
For details on demultiplex units, please refer to page 52.



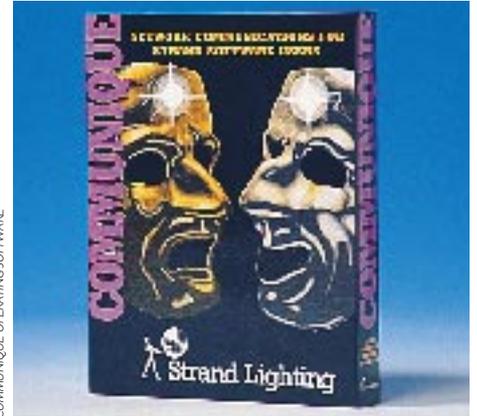
LBX 125 CHANNELS WITH MONITOR



GENIUS OPERATING SOFTWARE



KALEIDOSCOPE OPERATING SOFTWARE



COMMUNIQUE OPERATING SOFTWARE

## SOFTWARE FOR GSX & LBX CONSOLES

- Suite of software packages for either the GSX or LBX consoles
- Genius operating software provides an intuitive user interface and a foundation environment for controlling up to 512 DMX dimmers or scrollers using 25, 50, 75, 100, or 125 channels
- Genius can be upgraded at any time to expand the channel capacity in 25 channel blocks
- Kaleidoscope application software package is an option to expand Genius to include advanced effects and intelligent colour scroller control
- Communiqué application software package is an option to expand Genius to include industry-standard communications protocols such as MIDI Show Control, MIDI Backup, DMX input, RS232 ASCII remote control, remote submasters and macros
- Software updates or new operating packages can be added using the integral floppy disk drive provided on the GSX and LBX
- All console software requires user registration with Strand, and operates after the correct password is entered
- Genius off-line editor is a full-specification program for a PC to create and edit lighting memories for use with any GSX or LBX
- Software supports English, German, Spanish, Italian, Swedish languages
- Manuals supplied in English, French, German and Spanish

### Genius™ Operating Software

Foundation operating software to provide the primary functionality of a GSX or LBX. Available in a range of channel sizes to suit the application. Operations manual and software supplied with a choice of European languages. Features include: Control of 25, 50, 75, 100, 125 channels, and 512 dimmers or scrollers. Dimmer output DMX 512, AMX 192 or D54. 2 soft (programmable) dimmer patches. 200 Cues in memory with cue numbers 0.1 to 999.9 available. On-line prompts and help screen. Real time date and clock on screen. Intensity channel control facilities. Recording & updating of cues and submasters. Manual playback, plus automatic playback facility for up to six simultaneous fades with separate fade and delay times. Playbacks can perform separate sequences of cues. 5 pages of 24 submasters. Chase effect with 3 effects memories. 10 user-programmable macros. Show storage & retrieval using 3.5" disk. Support for full-function Designer's Remote. Monitor displays including 'help' screen. Support for popular printers: HP, Epson & IBM.

i 6.6.1

#### Cat No. Description

67011	Genius Operating Software, 25 Channels
67021	Genius Operating Software, 50 Channels
67031	Genius Operating Software, 75 Channels
67041	Genius Operating Software, 100 Channels
67051	Genius Operating Software, 125 Channels
67001	Genius Operating Software Upgrade, 25 Channels

### Kaleidoscope™ Application Software

Optional application software package to extend the Genius functionality with more special effects and the advanced use of colour scrollers. Features include:

Build, Cycle, Flicker and Random effect types in addition to Chase (which is available with Genius). 30 effects memories. Auxiliary control of effects from audio or MIDI input. Step time & effect fade in time override with wheel. Audio/MIDI sensitivity control with wheel. Macros triggered by audio input. Submaster used as audio input master. '@ Colour' facility to select scroller colour frames directly. Colour channels with frame numbers on screen. Combined illumination and colour instructions from the channel control. Intelligent Colour Control software manages potential conflicts between submasters, playbacks, channel control and Grand Master to avoid unwanted scroll resets.

i 6.6.1

#### Cat No. Description

67061	Kaleidoscope Application Software
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### Communiqué™ Application Software

Optional application software package to extend the Genius functionality to include communications protocols to operate with other DMX consoles, remote controls, and central 'event' controllers. Features include:

Up to 12 external submasters or macro switches. Master control for DMX IN. Macro triggered by submasters, configurable MIDI input, or configurable RS232 ASCII serial input. Interface for DMX IN (channel or dimmer modes) from a remote DMX controller. RS232 for remote PC control. 12 remote +10V analog inputs for submasters or macros. MIDI Show Control, MIDI In / Thru / Out, MIDI for tracking backup with another GSX console, plus configurable MIDI "GO" command.

i 6.6.1

#### Cat No. Description

67071	Communiqué Application Software
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GENIUS OFF-LINE EDITOR

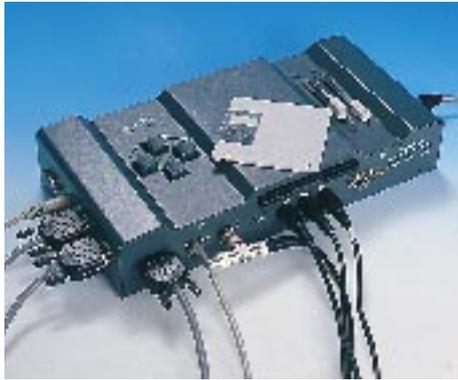
### Genius™ Off-Line Editor Software ★NEW★

A complete version of GSX/LBX software comprising Genius (125 channels), Communiqué and Kaleidoscope compiled for a 486 or faster PC, operating under MS-DOS. The Off-Line Editor provides facilities to read and edit show disks created on a GSX or LBX console, and also create lighting states and cues for transfer by disk to the console. The PC's screen display is identical to a fully-equipped GSX or LBX display and the user interface mimics the console controls through designated keys on the PC's keyboard. The Off-Line Editor is supplied with a security key, Genius manual in English, French, German and Spanish and keyboard legend. A demonstration version of the Off-Line Editor is also available, will all functions enabled except saving to disk, and is supplied with a keyboard legend.

i 6.6.1

#### Cat No. Description

67121	Genius Off-Line Editor Software
67131	Genius Off-Line Editor Demo



SN100 ETHERNET NODE



HAND HELD REMOTE



GALAXY NOVA

## SN100™ ★NEW★ ETHERNET NETWORK NODE FOR SHOWNET™

- Microprocessor-based Ethernet node offering a wide range of console connection facilities at a remote location
- For use with the Strand Lighting ShowNet data distribution system
- Designed for use with Strand 430, 530 and 550 ranges of consoles with Networker software installed
- Local connections and control of two CRT screens
- Two selectable DMX In/Out lines
- For use as portable unit or, for wall mounting
- Two SN100 units connected together may be used to distribute DMX over long distances using Ethernet independently of a console
- Universal power supply
- Choice of Ethernet connection systems - 10Base2 and 10BaseT
- Future expansion incorporated - 3.5" disk drive, keyboard port, MIDI connection, RS485 and RS232 ports, two slider faders, four selection keys

### SN100

The Strand SN100 is a microprocessor device for providing access, at a remote location, to signals present at a Strand 430, 530 or 550 console operating Networker software. SN100 is a multipurpose Ethernet node which offers connections for DMX signals, and up to two VGA monitors. SN100 may be permanently installed by wall-mounting using the bracket supplied, or simply connected temporarily to any Ethernet output where access to specific signals is needed. SN100 operating software is supplied with Networker application software, and is installed via the floppy disk drive of the SN100.

■ 120V-240V universal 50/60Hz ■ 1024 2 DMX512  
 ■ 12.9" x 6.49" x 2.5" (330 x 165 x 65mm) ■ 6.82lb (3.1kg)  
 ■ 15.7" x 9.84" (400 x 250mm) ■ 8.8lb (4kg) ■ 0.226 Cu.ft.  
 (0.0064m<sup>3</sup>) i 6.7.1

#### Cat No. Description

65100	SN100 Ethernet Node
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## HAND HELD REMOTE ★NEW★ HAND HELD WIRELESS OR WIRED REMOTE CONTROL

- Remote control for 430/530/550 consoles using Lightpalette or GeniusPlus software
- Controls channels, dimmers, cues, groups, submasters and fade times
- Radio or wired versions available
- 8 x 20 character back lit LCD display
- 45 keys including 5 soft keys with LCD labels
- Bi-directional link with console allows status information to be displayed remotely
- Wireless version is license exempt in most European countries

### Hand Held Wireless Remote

Provides remote control of 430/530/550 console functions over a radio link up to 50m and effective through scenery. Supplied complete with antenna, and battery charger. Requires Base Station which comes complete with antenna, 1.5m cable with 6 pin XLR connector and battery eliminator.

#### Cat No. Description

66126	Radio Remote, 418 MHz (UK)
66124	Base Station, 418 MHz (UK)
66127	Radio Remote, 433.92 MHz (EU)
66123	Base Station, 433.92 MHz (EU)

### Hand Held Remote - Wired

Provides remote control of 430/530/550 console functions over an RS 232 wire link. Supplied complete with 3m coiled cable with 6 pin XLR connector.

#### Cat No. Description

66129	Hand Held Remote - Wired
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## GALAXY NOVA™ 999 CHANNELS

- Comprehensive memory lighting control with custom options, integrated automated lighting control and digital dimmer feedback facilities
- For large-scale theatres, concert halls and TV studios
- Controls 999 channels, 1536 dimmers
- Simultaneous D54 and DMX 512 dimmer output protocols
- 10 or 20 submasters
- Modular panel construction offers Theatre or TV custom-selectable desk layouts
- 'Learn fade profile' feature
- Split control desk options
- Illuminated tactile panel switches
- Simultaneous control from different locations
- Fully programmable special effects
- Colour change and automation fully integrated
- Comprehensive designer and remote control options
- Compatible with advanced dimmer reporting features of EC90 Supervisor digital dimmers
- Tracking backup is standard feature
- Up to 4 monitors per desk

Galaxy Nova is the most advanced control desk in the world today, supporting bi-directional communication with EC90 Supervisor digital dimmers, direct control of colour scrollers and up to 249 automated spotlights with control of pan, tilt, and focus. Galaxy Nova is constructed in modules, or panels, to allow customisation for a wide range of applications.

The control desks can be configured to fit the space where they are to be used, and the panels are assembled to suit the application and the needs of the customer. The Galaxy Nova system electronics allow two desks to be operated simultaneously (main control desk and remote control desk). The desks can be equipped identically and work together on the principle of 'last action takes precedence', to give independent, yet simultaneous control.

Separate keypads for channel and memory selection are included, thus avoiding operating errors as there is no need for multi-function command sequence switches. In addition to clear displays on the desktop, there are typically two colour monitors per desk. Larger systems may be equipped with up to four monitors, with the data from 200 channels displayed on a single monitor. Display push buttons allow other information to be displayed, such as memory list, text, and system configuration menus.

i 6.5.8

**LX™**
**12, 18, 24 CHANNELS**

- 2-scene preset manual analogue control console with "slider per dimmer" operation
- Basic lighting control for small venues, drama studios, schools, clubs, video studios and for optional remote submasters with memory consoles
- 12, 18 and 24 channel versions
- Output LED mimic
- Split dipless manual or timed crossfades
- Individual flash button per channel
- Flash level master
- Blackout switch & status indicator
- Requires external power supply

**LX 12**

12 channel 2 preset manual control desk with either +10V output on a Miniature D socket or -10V output on DIN 8 socket. Desks are powered by external PSU. -10V version can be powered from two Act 6+ or Act 3+ Analogue Dimmer Packs. Requires control cables and PSU.

☑ 15VDC ☐ 12 ▶ 12 ☐ 0 to +10V or -10V ☚ 2 x 12  
 ■ 452 x 285 x 65mm ■ 2kg ☐ 452 x 350mm ☐ 2.4kg  
 ☐ 0.025m<sup>3</sup> ✓ SELV CE i 6.4.1

**Cat No. Description**

61212	LX12 Manual Desk, +10V Output
61112	LX12 Manual Desk, -10V Output

**LX 18**

18 channel 2 preset manual control desk with -10V output on DIN 8 socket. Desks are powered by external PSU or two Act 6+ or Act 3+ Analogue Dimmer Packs. Requires control cables and PSU.

☑ 15VDC ☐ 18 ▶ 18 ☐ 0 to -10V ☚ 2 x 18  
 ■ 600 x 285 x 65mm ■ 3kg ☐ 600 x 350mm ☐ 4kg  
 ☐ 0.025m<sup>3</sup> ✓ SELV CE i 6.4.1

**Cat No. Description**

61118	LX18 Manual Desk, -10V Output
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**LX 24**

24 channel 2 preset manual control desk with +10V output on two Miniature D sockets. Desks are powered by external PSU. Requires control cables and PSU.

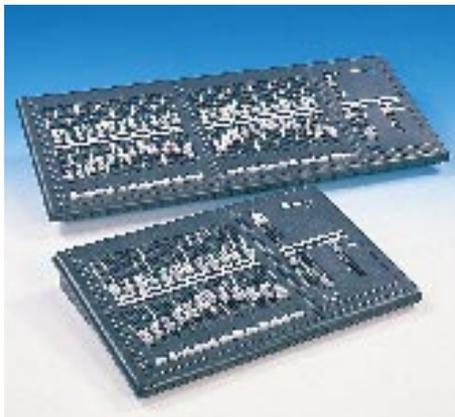
☑ 15VDC ☐ 24 ▶ 24 ☐ 0 to +10V or -10V ☚ 2 x 24  
 ■ 714 x 285 x 65mm ■ 4kg ☐ 714 x 350mm ☐ 5kg  
 ☐ 0.025m<sup>3</sup> ✓ SELV CE i 6.4.1

**Cat No. Description**

61224	LX24 Manual Desk, +10V Output
61124	LX24 Manual Desk, -10V Output

**LX Accessories**
**Cat No. Description**

66090	DIN8 2m Control Cable
66091	DIN8 5m Control Cable
66092	DIN8 25m Control Cable
66093	Min-D15 5m Cable to Open-ends
66102	Power Supply, 13A UK Plugtop
66103	Power Supply, Schuko Style Plugtop



LX 12 &amp; 24 CHANNEL CONTROL DESK



MX 24 CONTROL DESK WITH TERMINAL DISPLAY

**MX™**
**12, 24, 48 CHANNELS**

- 2-scene preset manual console with memory
- Ideal for smaller venues which require basic memory capabilities and special effects
- 12, 24 or 48 channels, maximum 512 dimmers
- LCD menu and data screen with choice of English, French or German language
- Optional video terminal display
- Manual, timed and recorded timed crossfades
- Individual flash button per channel with master
- 4 'pages' of memories
- 24 programmable effects
- Two proportional channel/dimmer patches
- Software selectable multiplex dimmer protocols: DMX, AMX, D54, SMX
- MIDI interface for automated effects and system expansion
- Optional memory storage card
- Printer output
- Power supply included

**MX 12**

Portable 12 channel memory console with 48 memories (4 pages of 12), 2 presets of manual faders (which can be used as scene masters), manual and timed playback controls and programmable effects. Complete with power supply.

☑ 15VDC ☐ 12 ▶ 512 ☚ 2 - 12 ☐ DMX512, AMX192, D54, SMX, MIDI ■ 651 x 285 x 65mm (25.6" x 11.2" x 2.6")  
 ■ 4.3kg (9.5lbs) ☐ 651 x 350mm (25.6" x 13.8") ☐ 6.1kg (13.4lbs) ☐ 0.025m<sup>3</sup> (0.88 Cu.ft) ✓ SELV CE i 6.5.1

**Cat No. Description**

61106	Act 6-Way Control & Master Control Desk
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**Cat No. Description**

64112	MX12, 12 Channel Console UK Style PSU
64212	MX12, 12 Channel Console EC Style PSU

**MX 24**

Portable 24 channel memory console with 96 memories (4 pages of 24), 2 presets of manual faders (which can be used as scene masters), manual and timed playback controls and programmable effects. Complete with power supply.

☑ 15VDC ☐ 24 ▶ 512 ☚ 2 - 24 ☐ 96 ☐ DMX512, AMX192, D54, SMX, MIDI ■ 912 x 285 x 65mm (35.9" x 11.2" x 2.6")  
 ■ 5.7kg (12.5lbs) ☐ 912 x 350mm (35.9" x 13.8") ☐ 8.3kg (18.3lbs) ☐ 0.051m<sup>3</sup> (1.8 Cu.ft) ✓ SELV CE i 6.5.1

**Cat No. Description**

64124	MX24, 24 Channel Console UK Style PSU
64224	MX24, 24 Channel Console EC Style PSU

**MX 48**

Portable 48 channel double height memory control console with 192 memories (4 pages of 48), 2 presets of manual faders (which can be used as scene masters), manual and timed playback controls and programmable effects. Complete with power supply.

☑ 15VDC ☐ 48 ▶ 512 ☚ 2 - 48 ☐ 192 ☐ DMX512, AMX192, D54, SMX, MIDI ■ 822 x 545 x 137mm (32.4" x 21.4" x 5.4")  
 ■ 8.9kg (19.6lbs) ☐ 822 x 600mm (32.4" x 23.6") ☐ 12.7kg (28lbs) ☐ 0.08m<sup>3</sup> (2.8 Cu.ft) ✓ SELV CE i 6.5.1

**Cat No. Description**

64148	MX48, 48 Channel Console UK Style PSU
64248	MX48, 48 Channel Console EC Style PSU

**MX Accessories**
**Cat No. Description**

66112	Terminal Display, 4"
66113	Terminal Cable
66114	Memory Card, 64kB
65009	Demultiplexer, 24 Channel
66083	DMX Control Cable, 2m
66081	DMX Control Cable, 10m
66082	DMX Control Cable, 25m

For details of demultiplex units, please refer to page 52.

**ACT™ 6-WAY CONTROL**  
**6 CHANNELS**

- 6 channel single preset portable fader panel with master fader
- Ideal for remote control of analogue dimmer packs
- Economically priced
- Powered from Act dimmer packs

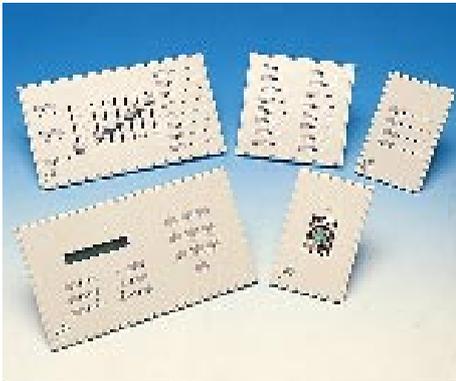
**Act 6-Way Control**

Manual control panel with six faders, a master and "power on" indicator. Supplied with 1m control cable to connect to analogue Act 6+ and Act 3+ dimmer packs.

☑ 15VDC ☐ 6 ▶ 6 ☐ 0 to -10V ☚ 6 + master  
 ■ 140 x 140 x 35mm ■ 0.7kg ☐ 1kg ☐ 0.01m<sup>3</sup> ✓ SELV



ACT 6-WAY CONTROL DESK



PREMIERE CONTROL STATIONS

## PREMIERE® 128 CHANNELS 512 DIMMERS

- Programmable lighting control for architectural applications
- Up to 128 control channels
- Up to 32 rooms per processor
- Choice of over 30 different control stations
- Up to 512 dimmers with comprehensive patching
- 128 lighting presets per room
- Programmable fade time from 1/10th second to 9 hours
- Automatic lighting sequences and effects for dynamic lighting
- Astronomical time clock with sunrise and sunset offset
- Time clock event programming for up to 600 single or repeated events
- Optional configuration software for use on a personal computer
- Over 30 assignable pushbutton commands
- Programmable macro functions for executing multiple commands
- Up to 64 control stations per processor
- Configuration and library storage via 3.5" disk drive
- Battery maintained memory in the event of power interruption
- Multiplex output for high speed communications

Premiere is an advanced lighting control system suitable for a wide range of applications within the built environment such as hotels, conference facilities, shopping malls, atria, retail premises, restaurants, cruise ships, museums, art galleries, experience centres and theme parks. Premiere can be used to control architectural or performance lighting via dimmers such as Strand LD90, EC90 Supervisor and EC90 digital dimmer systems as well as Digital Environ and CD80 Supervisor installations outside the EC.

The Premiere system comprises a **central processor** linked by Control Local Area Networks (C-LAN) to distributed wall mounted recessed **control stations** within the building. Control stations can be conveniently located for user interface through pushbutton or slider control.

i 6.2.1



PREMIERE NETWORK MANAGER

## PREMIERE NETWORK MANAGER™ ★NEW★ LIGHTING MANAGEMENT APPLICATION SOFTWARE

- Typical Applications include: Convention Centres, Theme Parks, Hotels and Museums.
- Premiere application software for centralised lighting management and programming from a PC
- Windows based software for user friendly control
- Connects with up to 15 Premiere systems for total building management of up to 480 independent rooms or areas
- Graphical sliders for level adjustment from PC mouse or tracker ball
- Full recall and editing of preset levels and fade times
- Astronomical time clock event programming
- Grouping functions for simplified system control
- Programmable Macro's for multiple command sequences
- Display options for customising PC screen layout
- Room combine functions for room partitioning
- Control station lockout, individually, per room or group

### Central Processor

Premiere Processors are normally supplied for wall mounting, but can be supplied for 19" rack mounting to special order. They include front panel status indicators, 3.5" disk drive and battery back up.

**2020 PROCESSOR** for 128 channels, 512 dimmers, supporting 64 stations, 32 rooms on 4 C-LAN's.

### Control Stations

Control station pushbutton functionality can be re-configured to perform any of more than 30 different commands such as ON, OFF, PRESET, RAISE, TOGGLE, and NON-DIM. Multi function macro commands can be used to perform programmed routines, initiated by a single push button. Each control station has 16 templates (selected manually or pre-programmed by time clock) to enable buttons and sliders to have different command functions. A typical example might be a pushbutton selecting a different preset or lighting scene according to the time of day. All control stations are finished in white with grey key caps and concealed fixings.

**2100 SERIES** - control stations from 1 through 8 or 16 pushbuttons

**2200 SERIES** - 8 preset scenes with raise, lower and record pushbuttons

**2300 SERIES** - control stations with 3, 6, 9, 12 or 15 sliders and master

**2800 SERIES** - control station with 3, 6, 9, 12 or 15 sliders and 8 preset pushbuttons with local record facility.

**2300 COMMAND STATION** with 16 character backlit LCD display for on-site programming and master or room control

**2200 DISPLAY STATION** with 16 character, 16 line LCD display and menu options.

**2500 SMART JACK** station for connecting portable station to C-LAN

**2100-IR** Infra red transmitter and receiver for remote input to C-LAN

Special interfaces are available as open printed circuit boards for embodiment in custom cabinets: AV, Remote Device and Relay Driver options. Configuration Software is written for MS-DOS PC's. A data file is created on 3.5" disk and is downloaded to the Premiere processors. The basic design stages are:

- Assigning lighting channels to rooms
- Identifying room parameters
- Setting channel parameters
- Defining presets
- Assigning control stations
- Assigning pushbutton and slider functions
- Assigning dimmer to channel patch
- Programming events and macro commands
- Printing the configuration
- Programming time clock events

## A Guide to the Premiere Network Manager

Premiere Network Manager is an application software package that enables a personnel computer running Windows® V3.1 (or later issue) or Windows® 95 to be connected on-line with up to 15 Premiere systems for real time lighting control of up to 480 rooms or areas.

Two primary applications for the Premiere Network Manager are:

### 1. Programming

The Premiere Network Manager PC can be connected directly to a socket on the front of the Premiere Processor, or connected via a network of PNM Receptacle Stations distributed throughout the building. Using the graphical sliders, menus and check boxes - presets, fade times and astronomical time clock events can be quickly and easily be programmed and recorded for rooms, or groups of rooms.

### 2. Lighting Management

A centrally located Premiere Network Manager PC can monitor up to 15 Premiere Processors simultaneously and provide a visual indication of preset, channel level and station lockout status. If desired, presets can be recalled in a room or group of rooms, Macro's executed, stations or groups of stations locked or unlocked and rooms linked when moveable partitions are being used.

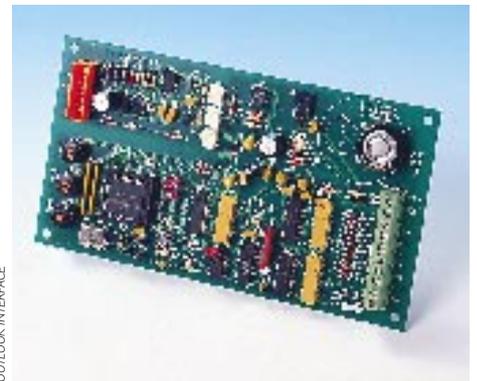
The Premiere Processor configuration file(s) created using the Premiere Configuration Software provide the systems data for the Network Manager software.

The Premiere Network Manager can access the programmable parameters typically available from Premiere control stations but cannot amend system configuration data such as patch, station allocation and local macros. System configuration can only be modified using the Configuration Software.

i 6.3.1



OUTLOOK STATIONS



OUTLOOK INTERFACE

## OUTLOOK™

3, 6, 9 or 12 CHANNELS, 8 PRESET

- Comprehensive range of control stations
- Ideal for Conference and Meeting Rooms, Churches, Restaurants, Reception Areas and all small or medium sized applications.
- Elegant screwless face plates with concealed fasteners
- Simple network control wiring
- Each system can control up to 16 rooms
- 8 Preset scenes plus On and Off per room
- Manual sliders for direct control of individual circuits
- Choice of 3, 6, 9 or 12 control channels per room
- Record facility to store slider settings for future pushbutton recall
- LCD Display Station for custom preset labels
- 1, 4 and 8 Preset Remote Pushbutton station options
- Audio Visual Interface and Infra Red Remote Controls
- Programmable fade times of between 0 and 4 minutes
- Record Lockout facility for playback-only operation
- Room Combine Stations for room partitioning
- Portable station options
- Designed for use with Digital Environ, System 6, LD90, EC90 Supervisor and CD80 Supervisor dimmers
- Digital Network Interface available for using Outlook with other dimmers

## Outlook Stations

Outlook is a comprehensive family of control stations designed for architectural applications where a simple, flexible control solution with minimal installation and cabling cost is needed. Outlook is specifically designed for use with Strand Lighting Digital Environ, System 6, LD90, EC90 Supervisor and CD80 Supervisor dimmer cabinets. The control stations access, modify and recall lighting levels stored in the dimmer cabinets via a common digital communication network cable without the need for an external central processor. Control stations are available in various configurations and can be used in any combination to suit the user's requirements. During installation, an internal 16 position switch on the station determines the room to be controlled. Each of the possible 16 rooms can have up to 12 channels of control and 8 preset lighting scenes in addition to On and Off functions.

## Outlook LCD Display Stations

### ★NEW★

Outlook Display Stations have a 16 line, 16 character backlit LCD display. This labels the current function assignments of 8 adjacent pushbuttons used typically for selecting presets, channels, rooms, or other specific menu functions.

It is possible to program preset, channel and room labels from the Display Station. Labels are locally held in the stations non-volatile memory allowing alternative labels to be created for the same button function at each station. A menu option enables the custom labels to be reset to factory defaults when required. A "Set-up" or "Configuration" menu is used to select one of three modes of operation during installation.

The second mode is for room combinations where custom labelled room buttons are used to link rooms joined by moveable partitions.

☑ 24V ☑ 12 (max.) ☑ DNC ✓ SELV CE i 6.1.1

### Cat No. Description

63003	3 Channel Outlook Master Station
63006	6 Channel Outlook Master Station
63009	9 Channel Outlook Master Station
63012	12 Channel Outlook Master Station
63030	Outlook - LCD Display Station
63021	1 Preset Outlook Remote Station
63024	4 Preset Outlook Remote Station
63028	8 Preset Outlook Remote Station
63103	3 Channel Outlook Slider Station
63106	6 Channel Outlook Slider Station
63109	9 Channel Outlook Slider Station
63112	12 Channel Outlook Slider Station
63041	Receptacle Station, Outlook
63042	Infra-red Transmitter, Outlook
63043	Infra-red Receiver, Outlook
63044	Audio Visual Interface, Outlook
63031	2-Room Outlook Combine Station
63033	3-Room Outlook Combine Station
63038	8-Room Outlook Combine Station
63039	Room Combine Interface for Custom Panels

## Outlook Accessories

### Cat No. Description

66100	Outlook/Microcontrol Power Supply
66101	Outlook (DIN Rail) Power Supply (LD90)
76421	Outlook Power Supply (EC90 Supervisor)
66711	Portable Enclosure Kit (A size)
66714	Portable Enclosure Kit (D size)
66715	Portable Enclosure Kit (E size)
66716	Portable Enclosure Kit (F size)
66800	1-Gang Masonary Back Box (A size)
66804	4-Gang Masonary Back Box (D size)
66805	5-Gang Masonary Back Box (E size)
66806	6-Gang Masonary Back Box (F size)
63040	Digital Network Interface

## OUTLOOK™ DIGITAL NETWORK INTERFACE

### ★NEW★

- 6 Channel interface supporting the Outlook range of control stations.
- Supports up to 9 rooms, each with 8 preset scenes in addition to On and Off.
- Battery maintained memory - retains preset levels and fade times.
- Suitable for interfacing Outlook with all Strand Lighting dimming products that accept 0 to +10 volt control.
- Supplied as a printed circuit board for embodiment in a dimmer cabinet or equipment enclosure.
- "Panic" facility for turning control output to full in an emergency.

The Outlook range of control stations have been designed specifically for use with Strand Lighting System 6, Digital Environ, LD90, CD80 Supervisor and EC90SV dimmers,

There are many applications however where the flexibility and features offered by Outlook will result in an upgrade to an existing control system, retaining the original dimmers, or a requirement to control dimming products from other manufacturers. Similarly, an Outlook system may be added to an existing installation (such as auditorium lighting previously controlled from an "entertainment" console) where dimmer cabinet(s) do not support Digital Network Control.

In these circumstances, one or more Outlook Interfaces may be used to provide the necessary support for Outlook, each interface providing up to 6 analogue 0 to +10 volts dc signals for direct dimmer control.

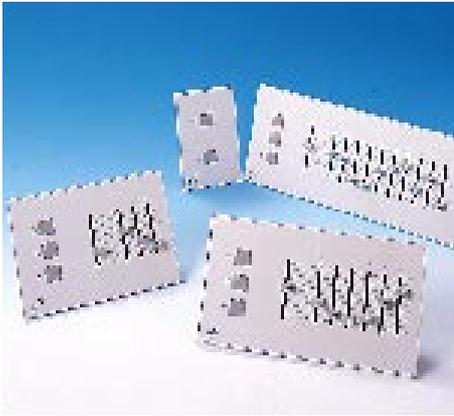
☑ 24V ☑ 6 ☑ Analogue ✓ SELV CE i 6.7.2

Data Sheets describing Strand Lighting's complete range of dimmers and controls are available on request.

## Outlook Interface

### Cat No. Description

63040	Outlook Interface
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MICROCONTROL



UNIDIM 5A, 10A &amp; 20A

### MICROCONTROL™ MANUAL CONTROL STATION 1 - 12 CHANNELS

- Simple to operate range of manual lighting control stations for use with remote dimmers
- Up to 12 manual sliders for direct control of individual circuits
- Master slider for overall control
- "Take Control" function
- On/Off pushbuttons
- Choice of entrance stations
- Elegant, screwless faceplates with concealed fasteners
- +10V analog control signal

### Microcontrol Stations

A range of flush-mounted slider stations controlling up to 12 analogue dimmers. On/Off/Manual pushbuttons take control of the lighting locally, permitting multiple Microcontrol stations to be used in the same area. Suitable for direct connection to any dimmers with analogue input. A separate external power supply may be required depending on the dimmer cabinets chosen. Plexiglass locking covers are available for all Microcontrol stations - details on request.

■ 10VDC ■ 12 (max.) ■ 0 to +10V ✓ SELV  
i 6.1.2

#### Cat No. Description

61001	On/Off/Manual Station, 1 Channel
61002	On/Off/Manual Station, 2 Channel + Master
61003	On/Off/Manual Station, 3 Channel + Master
61004	On/Off/Manual Station, 4 Channel + Master
61006	On/Off/Manual Station, 6 Channel + Master
61009	On/Off/Manual Station, 9 Channel + Master
61012	On/Off/Manual Station, 12 Channel + Master
61020	Entrance Station, 2 Button On/Off
61022	Entrance Station, 3 Button On/Manual/Off
61024	Receptacle Station

### Microcontrol Accessories

#### Cat No. Description

66100	Power Supply with Enclosure Microcontrol/Outlook/SWC
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### UNIDIM™ UNIT DIMMERS

- Surface mounted dimmers for use with remote manual type control stations
- For fluorescent, inductive, cold cathode, neon and tungsten lighting loads
- Suitable for use with transformer-fed loads
- Three ratings: 5A, 10A and 20A
- Hard-firing circuit results in high-quality fluorescent dim (luminaires must include suitable dimmable control gear)
- Slaving facility allows control of a number of dimmers from a single station
- 'Fast start' feature for dimming of h.f. electronic dimmable ballasts
- 'Panic override' facility to switch dimmer to full output in emergencies

### Unidim

Top quality 5, 10 and 20 Amp unit dimmers with hard-fired thyristor drive circuit for maximum stability of output.

**Unidim 5A** controls up to 1kW tungsten load, ten 4ft 36W fluorescent tubes, for example (with suitable control gear) or up to 720VA of transformer-fed load.

**Unidim 10A** controls up to 2kW tungsten load, up to twenty 4ft 36W fluorescent tubes (with suitable control gear) or up to 1440VA of transformer-fed load.

**Unidim 20A** controls up to 4kW tungsten load, up to forty 4ft 36W fluorescent tubes (with suitable control gear) or up to 2880VA of transformer-fed load.

For use with 'manual' types of remote control station or driven from an external analogue signal of 0 (off) to plus or minus 10volts (full on).

■ 230V/240V 50/60Hz ■ 5A/10A/20A ■ 1kW/2kW/4kW  
■ 1 ■ 0 - 10V (+/-) ■ 216 x 112 x 75mm / 216 x 112 x 91mm / 216 x 172 x 97mm ■ 1.55kg / 1.95kg / 3kg ■ 2.1kg / 2.4kg / 3.6kg ■ 0.002m<sup>3</sup> / 0.003m<sup>3</sup> / 0.004m<sup>3</sup> ✓ CE i 7.1.1

#### Cat No. Description

71005	Unidim Universal Dimmer, 5A
71010	Unidim Universal Dimmer, 10A
71020	Unidim Universal Dimmer, 20A

### UNIDIM™ CONTROL STATIONS

- Range of remote manual type control stations for Unidim dimmers
- Choice of rotary or slider control
- Elegant white faceplate with hidden fixing screws
- Single or multi-gang versions
- Operates on safe low-voltage signals
- 'Take control' option available for multiple-location control
- Supplied with back box

### Manual Control Stations

A range of manual control stations with rotary, slider, or slider plus 'take control' versions to fit a standard UK backbox (supplied).

#### 1, 2 and 3 Gang Versions

■ 15VDC ■ 1 ■ 0 to -10V ■ 110 x 86mm ✓ CE

#### Cat No. Description

61101	1-Gang Slider Station
61201	1-Gang Rotary Station
61202	1-Gang 'Take Control' Station
61102	2-Gang Slider Station
61103	3-Gang Slider Station

#### 6 Gang Version

■ 15VDC ■ 6 + master ■ 0 to -10V ■ 110 x 146mm ✓ CE

#### Cat No. Description

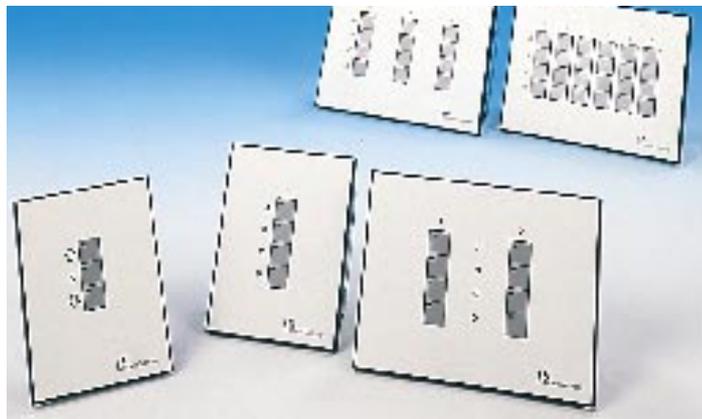
61116	6-Gang Slider Station with Master
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UNIDIM MANUAL CONTROL STATIONS



MULTIDIM 6A / 16A &amp; 32A



MULTIDIM PRESET CONTROL STATIONS

**MULTIDIM™**  
**PRESET DIMMERS**

- Modular plug-in dimmers for use with remote push-button preset type control stations
- For individual or group installation
- Ideal for architectural applications where a mixture of dimmer types is required to build into an integrated dimming system
- Two types of dimmer: tungsten/low voltage and fluorescent load
- Suitable for use with transformer-fed loads
- Three ratings: 6A, 16A and 32A
- Hard-firing circuit results in high-quality fluorescent dim (luminaires must include suitable dimmable control gear)
- Four preset levels
- Additional analogue input from 0 - 10V (plus or minus) from control desk or station
- 'Fast start' feature for dimming of h.f. electronic dimmable ballasts
- 'Panic override' facility to switch dimmer to full output in emergencies
- User-selectable start-up condition ('off' or preset level 'A')
- Dimmer adjustable preset levels and fade time
- Accessories available for ease of installation
- Each dimmer module supplied with its own base unit

**Multidim**

A range of 6A, 16A and 32A plug-in unit dimmers with hard-fired thyristor drive circuit for maximum stability of output. Multidim can be mounted using the base unit supplied, either individually, or with other dimmer modules onto a Strandrail. For use with push button remote control stations. Additional input provided for analogue control desks or stations. Supplied with instruction leaflet and base unit which includes internal 32A busbars to link Multidims in a row to a common supply using connecting sets. See data sheet for installation details.

**Multidim 6A**

Tungsten version controls up to 6A tungsten load, or 900VA transformer-fed load. Fluorescent version controls fourteen 4ft 36W fluorescent tubes, for example (with suitable control gear).

**Multidim 16A**

Tungsten version controls up to 16A tungsten load, or 2400VA transformer-fed load. Fluorescent version controls thirty-eight 4ft 36W fluorescent tubes, for example (with suitable control gear).

**Multidim 32A**

Tungsten version controls up to 32A tungsten load, or 4500VA transformer-fed load. Fluorescent version controls seventy-one 4ft 36W fluorescent tubes, for example (with suitable control gear).

230V/240V 50/60Hz  6A / 16A / 32A  1.2kW / 3.5kW / 7kW  I  0 - 10V (+/-)  270 x 210 x 135mm  3.5kg / 4kg / 5.5kg  4.2kg / 4.6kg / 6.2kg  0.01m<sup>3</sup>  CE  7.1.2

**Cat No. Description**

71006	Multidim 6A Tungsten Preset Modular Dimmer
71106	Multidim 6A Fluorescent Preset Modular Dimmer
71016	Multidim 16A Tungsten Preset Modular Dimmer
71116	Multidim 16A Fluorescent Preset Modular Dimmer
71032	Multidim 32A Tungsten Preset Modular Dimmer
71132	Multidim 32A Fluorescent Preset Modular Dimmer

**Multidim Accessories**

Base sockets can be screwed directly to a wall, or alternatively, onto a length of Strandrail. Strandrail is a pre-formed steel backplate providing a quick and neat mounting arrangement for up to 7 modules. A row of Multidim modules may be fed from a common supply cable by using Busbar Connecting Sets. Maximum rating: 32A.

**Cat No. Description**

76820	Strandrail (Supplied with Fixing Screws)
76821	Busbar Connecting Sets

**MULTIDIM™**  
**PRESET CONTROL STATIONS**

- Range of remote push-button type control stations for selecting preset lighting states from Multidim modules
- Choice of preset or up-stop-down control
- Elegant white faceplate with hidden fixing screws
- Single or multi-gang versions
- Operates on safe low-voltage signals
- Red LED indicators display preset selected
- Ideal for multiple location control
- Supplied with back box

**Preset Control Stations**

A range of preset push-button control stations. Options include push buttons for remote selection of dimmer presets or for up-stop-down control. Designed to fit a standard UK backbox (supplied).

**1 Gang Versions**

15VDC  I  0 to -10V  110 x 86mm  CE

**Cat No. Description**

62001	1-Gang 4-Button 4-Preset Station
62201	1-Gang Up/Stop/Down Station

**2, 3 and 6-Gang Versions**

15VDC  I  0 to -10V  110 x 146mm  CE

**Cat No. Description**

62002	2-Gang 8-Button 4-Preset Station
62003	3-Gang 12-Button 4-Preset Station
62006	6-Gang 24-Button 4-Preset Station



EC90 SUPERVISOR DIGITAL DIMMER

EC90 Supervisor is a high-specification dimming system that incorporates advanced electronic and mechanical design concepts to meet the most demanding requirements. All dimmer modules are available with Reporter functions, enabling load characteristics to be measured and reported to a remote PC. EC90 Supervisor dimmer racks are available configured to an exact specification from components described below, or with a standard complement of dimming modules as listed.

### EC90 Supervisor Racks

Two sizes available - large for 6 crates; small for 3 crates. The maximum capacity of a small rack is 36 x 3kW, or 18 x 6kW. Large racks can accommodate a maximum of 72 x 3kW, or 36 x 6kW. Crate types can be mixed in any rack, and there is top and bottom cable access.

### EC90 Supervisor Crates

Crates are available for six dual 3kW modules or six single 6kW modules. Each crate version is available with Single Pole, Single Pole (Neutral Disconnect) or Double Pole protection.

### EC90 Supervisor Modules

Dimmer modules are available in five module categories: dual 3kW Economy dimmers; dual 3kW Hi-Spec dimmers; single 6kW Hi-Spec dimmers and 3kW Hi-Spec dimmer/contactor modules. All dimmer and contactor modules are available in standard or Reporter versions.

### 3kW Dimmer Module

Economy module with two 3kW firm-fired thyristor dimmers and standard filtering.

### 3kW High Specification Dimmer Module

High specification module with two 3kW hard-fired thyristor dimmers and Broadcast-standard filtering.

### 6kW High Specification Dimmer Module

High specification module with a single 6kW hard-fired thyristor dimmer and Broadcast-standard filtering.

### 10kW High Specification Dimmer Module

High specification module with a single 10kW hard-fired thyristor dimmer and Broadcast-standard filtering.

### Hybrid Contactor Modules

Three modules which offer dual contactor, dimmer/contactor or contactor/dimmer (left/right positions) versions. Both dimmers and contactors are rated at 3kW, and the dimmers are hard-fired thyristors with Broadcast-standard filtering.

### EC90 Supervisor and Reporter Functions

All versions of EC90 Supervisor module can be supplied as standard or with Reporter features which operate with a remote PC. Standard Supervisor functionality from a remote PC includes:

- Dimmer setup functions (library and user programmable curves, max/min outputs, dimmer response times, etc.)
- Patch setup for Mux A, Mux B and analogue inputs
- Direct dimmer and preset control
- Additional Reporter features include:
  - Load per dimmer (Watts)
  - Load change
  - Loss of load
  - Dimmer fault
  - Excess DC
  - Overheat
  - Overload

*By virtue of its modular design, EC90 Supervisor can be configured to suit the particular requirement. Installations may include a mixture of large and small racks, and dimmer ratings and specifications. For further advice, a full specification or installation notes, please contact your local Strand representative.*

## EC90 SUPERVISOR™

DIGITAL DIMMERS  
WITH REPORTER™ OPTION

- Plug-in modular digital dimming system for mid to high specification applications
- Two rack sizes: Large - with up to 72 x 3kW, 36 x 6kW or 18 x 10kW dimmers per rack; Small - with 36 x 3kW, 18 x 6kW, 9 x 10kW dimmers per rack
- Dual electronics option for full redundant tracking backup with selectable auto-switchover
- 4 levels of dimmer performance are available: Standard, Standard with Status Reporting, High-specification, and High-specification with Status Reporting
- Status Reporting modules (including contactors) detect: No load, Overload, Overtemperature, Excess DC, Internal fault, MCB trip, Thyristor short circuit, Load profile errors, live status reporting of RMS output voltage and current, module temperature and DC output voltage, per dimmer
- Reporting modules, including non-dims, can detect a load change, down to 10% of the dimmer's power rating, detecting failure of an individual element of a paralleled load
- Reporting modules may perform Load Cable Compensation, using the programmed cable resistance (per circuit) and load characteristic to continuously compensate for voltage drop
- Racks may contain a mixture of dimmer types including reporting and non-reporting
- 3kW contactor module options to switch motors, HMI ballasts and other non-dimmable equipment
- Load status reporting to PC using the Reporter™ PC software
- "Panic" function, to bring selected dimmers to full, operational without processor and can be actuated manually or automatically (e.g. by a fire alarm system)
- Precision line voltage regulation to minimise output changes when the supply voltage fluctuates
- Two opto-isolated Mux inputs with individual patches provided as standard
- Up to 32 analogue +/-10V inputs per rack, patchable to any dimmer
- 99 System Wide Control, SWC™ memories for additional preset and backup use, using simple "snapshot" recording
- Direct Circuit and preset control by hand-held System Wide Control (SWC™) programmer with specialised riggers functions
- 16 room (zone) by 8 preset Outlook™ architectural lighting control for auditorium, front of house and other "zoned" uses
- Library of 6 fixed and 5 downloadable dimmer curves, programmable per dimmer
- Smooth 16 bit digital fade processing
- LED Outputs for remote Overtemp/Fanfail, Panic and Active processor (dual systems)
- 12 independent fully programmable +10V analogue output signals (large processor only)
- Complies with all mandatory European safety and EMC regulations

## Reporter Software

The Reporter programme operates on an IBM PC compatible computer (486DX2, Pentium 75, or better) under a Windows or Windows 95 operating system. A series of windows allow feedback of current status information and logging of loads and faults from Supervisor Dimmers. Total system parameters are also displayed. Command functions allow dimmer rack configuration to be set up or altered remotely by the Reporter programme and the configuration may be stored or recalled on disc for security.

## EC90 Supervisor 72 x 3kW

Standard configuration large rack with 36 dual 3kW dimmer modules. Racks available with standard specification or high specification modules, and with or without Reporter options (see general details). Racks also may be configured to special order.

■ 230V/240V phase/neutral star supply, 50/60Hz ■ 600A (three phase) ■ 72 x 3kW ■ 72 ■ 99 ■ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ■ 1964 x 910 x 510mm ■ 310kg (370kg with hi-spec modules) ■ 910 x 510mm ✓ CE i 7.4.3

### Cat No. Description

74461	EC90 Supervisor, 72 x 3kW, Standard, Reporting
74462	EC90 Supervisor, 72 x 3kW, Standard
74471	EC90 Supervisor, 72 x 3kW, Hi-Spec, Reporting
74472	EC90 Supervisor, 72 x 3kW, Hi-Spec

## EC90 Supervisor 36 x 3kW

Standard configuration small rack with 18 dual 3kW dimmer modules. Racks available with standard specification or high specification modules, and with or without Reporter options (see general details). Racks also may be configured to special order.

■ 230V/240V phase/neutral star supply, 50/60Hz ■ 300A (three phase) ■ 36 x 3kW ■ 36 ■ 99 ■ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ■ 1162 x 910 x 510mm ■ 185kg (215kg with hi-spec modules) ■ 910 x 510mm ✓ CE i 7.4.3

### Cat No. Description

74463	EC90 Supervisor, 36 x 3kW, Standard, Reporting
74464	EC90 Supervisor, 36 x 3kW, Standard
74473	EC90 Supervisor, 36 x 3kW, Hi-Spec, Reporting
74474	EC90 Supervisor, 36 x 3kW, Hi-Spec

## EC90 Supervisor 36 x 6kW

Standard configuration large rack with 36 single 6kW dimmer modules. Racks include high specification modules, with or without Reporter options (see general details). Racks also may be configured to special order.

■ 230V/240V phase/neutral star supply, 50/60Hz ■ 600A (three phase) ■ 36 x 6kW ■ 36 ■ 99 ■ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ■ 1964 x 910 x 510mm ■ 310kg (370kg with hi-spec modules) ■ 910 x 510mm ✓ CE i 7.4.3

### Cat No. Description

74481	EC90 Supervisor, 36 x 6kW, Hi-Spec, Reporting
74482	EC90 Supervisor, 36 x 6kW, Hi-Spec

## EC90 Supervisor 18 x 6kW

Standard configuration small rack with 18 single 6kW dimmer modules. Racks include high specification modules, with or without Reporter options (see general details). Racks also may be configured to special order.

■ 230V/240V phase/neutral star supply, 50/60Hz ■ 300A (three phase) ■ 18 x 6kW ■ 18 ■ 99 ■ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ■ 1162 x 910 x 510mm ■ 185kg (215kg with hi-spec modules) ■ 910 x 510mm ✓ CE i 7.4.3

### Cat No. Description

74483	EC90 Supervisor, 18 x 6kW, Hi-Spec, Reporting
74484	EC90 Supervisor, 18 x 6kW, Hi-Spec

For further information, please contact your Strand Lighting representative.



LD90 24 x 2.5kW

## LD90™ DIGITAL DIMMERS

- Digital dimming system with choice of dimmer blocks for custom requirements at an economical price
- Suitable for fixed dimming installations
- Compact convection-cooled rack, finished in grey with moulded MCB fascia plates
- Easy installation and service access
- Programmable features
- Local control panel for programming and rack status display
- Smooth 2000-step fade resolution
- 99 programmable preset memories per rack
- Programmable choice of backup memory when Mux signal is not present
- System Wide Control (SWC) for setting and selection of internal programmable memories using the SWC Programmer
- Handheld SWC programmer option provides simple direct control of all dimmers for focusing or test
- Multiplex or analogue control input
- Second DMX control input option
- Two analogue control signal outputs for auxiliary equipment such as houselight dimmers, relays etc
- Comprehensive programmable features per dimmer
- Fluorescent control modes including unique 'fast start' to ensure smooth dimming with electronic ballasts
- Complies with mandatory European safety and EMC regulations
- Earth leakage breaker (RCD) option
- Data security - setup data can be stored on a personal computer
- Available as complete racks or as component parts to construct custom configured racks and supplied with fixing screws, gland plates and instruction booklet

The compact, convection-cooled cabinet is designed for wall or floor mounting, and the construction, which incorporates a single processor module controlling three power blocks, offers ease of installation plus facilities for mixing dimmer ratings and specifications within one cabinet.

Each LD90 rack accepts three power blocks, which are chosen from a range of 8 x 2.5kW or 4 x 5kW dimmers. All power blocks are fitted with MCBs, and an RCD may be included as an option. Racks may be positioned and cabled before the power blocks are installed, to reduce the risk of damage during building work. Each power block has the same overall size and power requirement, so a mixture of 2.5kW and 5kW dimmers may be included in the same rack. Blank power blocks are available for custom equipment or branch breakers, or just for completing a partly-equipped rack.

LD90 offers a number of programmable features to match the dimmer's performance to the user's precise requirements, which include:

- Rack start address number
- Individual dimmer patch
- 99 programmable SWC "back-up" presets
- Maximum and minimum output voltage
- Selection of non-dim operation for dimmers
- Non-dim switch-on level
- Fast, medium or slow dimmer response times
- Dimmer law (linear power, 'S', or square law)
- Fluorescent mode with top and bottom cut-off points
- Selectable electronic ballast 'fast-start' mode
- Suitable for use with Outlook™ architectural stations to provide a comprehensive lighting control system

## LD90 24 x 2.5kW

A standard rack configuration comprising three power blocks, each with eight 2.5kW dimmers, and a choice of MCB/terminal configurations. NDT version has Neutral Disconnect Terminal blocks for circuit checking. SPN are fitted with Neutral Switch MCBs which give double pole isolation from the mains but trip only on phase overload. Accessories include RCD kit (one required per power block), additional DMX signal input, larger cable termination, and single phase operation. Custom racks may be created from the system building blocks listed elsewhere.

■ 230V/240V phase/neutral star supply, 50/60Hz ■ 100A (three phase) or 300A (single phase) ■ 24 x 2.5kW ■ 24 ■ 99 ■ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ■ 1050 x 995 x 150mm ■ 76kg ■ 1050 x 150mm ■ 135kg ■ 0.33m³ ✓ CE i 7.4.2

### Cat No. Description

74102	LD90 24 x 2.5kW, Single-Pole MCB
74104	LD90 24 x 2.5kW, Single-Pole MCB (NDT)
74105	LD90 24 x 2.5kW, SPN MCB

## LD90 12 x 5kW

A standard rack configuration comprising three power blocks, each with four 5kW dimmers, and a choice of either single or double-pole MCBs. Accessories include RCD kit (one required per power block), additional DMX signal input, larger cable termination, and single phase operation. Custom racks may be created from the system building blocks listed elsewhere.

■ 230V/240V phase/neutral star supply, 50/60Hz ■ 100A (three phase) or 300A (single phase) ■ 12 x 5kW ■ 12 ■ 99 ■ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ■ 1050 x 995 x 150mm ■ 76kg ■ 1050 x 150mm ■ 135kg ■ 0.33m³ ✓ CE i 7.4.2

### Cat No. Description

74103	LD90 12 x 5kW, Single-Pole MCB
74106	LD90 12 x 5kW, Double-Pole MCB

**LD90 System Building Blocks**

LD90 can be customised to a specific requirement by ordering the component parts separately. The empty rack includes the common processor unit, and space for three power blocks. Two basic styles of power block provide either eight 2.5kW dimmers or four 5kW dimmers. The NDT version has Neutral Disconnect Terminal blocks for circuit checking, SPN are fitted with Neutral Switch MCBs which give double pole isolation but trip only on phase overload. The blank power block has blank MCB cover plates for completing a partly-equipped rack and also has fixings for a custom selection of MCBs to give branch breaker facilities. Accessories include RCD kit (one required per power block), additional Mux signal input, larger cable termination, set of connectors for analogue inputs, and single phase operation. For further details of rack configuration options, please contact your Strand Main Distributor.

Cat No.	Description
74101	LD90 Empty Rack with Processor
72203	Power Block, 8 x 2.5kW 1- Pole MCB
72204	Power Block, 8 x 2.5kW 1- Pole MCB (NDT)
72206	Power Block, 8 x 2.5kW 1- Pole MCB (SPN)
72205	Power Block, 4 x 5kW 1- Pole MCB
72207	Power Block, 4 x 5kW 2- Pole MCB
72208	Blank/Custom Power Block

**LD90 Accessories**

Cat No.	Description
76314	Wall Mounting Bracket
76309	Additional Mux Input Kit
76311	Analogue Input Connector Set
76310	RCD Option (1 Per Power Block)
76313	Single Phase Option (1 Per Single Phase Rack)
76312	4 x 16mm2 Cable Termination Kit(1 PerRack)
76102	SWC Programmer Remote Unit
76320	SWC Remote Socket Box
62951	8 Preset Pushbutton Control Panel
62952	16 Preset Pushbutton Control Panel
66101	DIN Rail PSU
66800	1-Gang Masonry Box (A size)
66802	2-Gang Masonry Box (B size)
66804	4-Gang Masonry Box (D size)

**DMUX  
24 CHANNEL**

- Boxed unit to convert D54 multiplex to 24 analogue dimmer signals
- Ideal for interfacing MX desks to -10V analogue dimmers
- Maximum of 2 units (48 dimmers) per system
- Economical price
- Output for -10V dimmers
- Unit can be configured for other positive and negative voltages

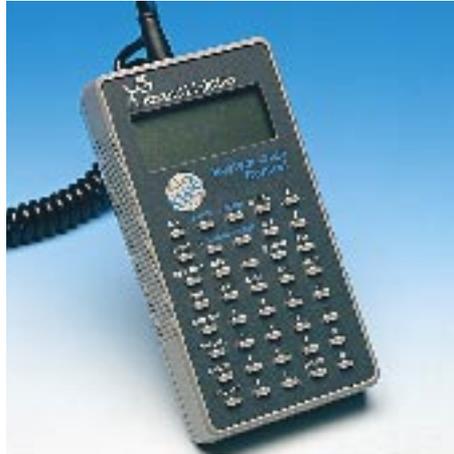
**DMUX 24 Channel**

Economy 24 way demultiplex unit for systems up to 48 dimmers. Supplied with two mains cable and 0.5 multiplex linking cable.

⚡ 220V/240V 50/60Hz 📏 24 📏 24 📏 D54  
 📏 240 x 150 x 70mm 📖 2kg 📦 2.6kg 📦 0.13m³ ✓



DMUX 24 CHANNEL UNIT



SYSTEM WIDE CONTROL

**SWC™  
SYSTEM WIDE CONTROL**

System Wide Control is a communications link supported by the latest digital dimming products from Strand Lighting including LD90™, DE90™, Andi DX™ and Supervisor dimmers EC90 Supervisor™ and CD80 Supervisor™.

System Wide Control (SWC) allows remote 8 and 16 pushbutton SWC Panels, an LCD Display Station, an SWC Audio Visual (A/V) Interface and an SWC Hand-Held Programmer to recall and program up to 99 lighting scenes (also referred to as cues or presets) stored within the dimmer electronics. SWC can therefore be used as a sophisticated lighting control system in its own right, or the SWC presets can be used as back-up scenes, independent of any other remote control system connected to the dimmers.

In addition, the SWC Programmer provides dimmer set-up functions, preset fade time programming and many dimmer control facilities useful during a performance set-up.

8 and 16 Pushbutton SWC Panels enable a range of presets to be selected, each preset fading at its pre-programmed rate. The current dimmer output can be recorded as an SWC preset from the panels.

A new LCD Display Station provides custom preset labels. Complete with menu options for recording, setting fade times and editing the labels. A display scroll facility allows all 99 presets to be accessed from this station.

An SWC A/V Interface provides a means of selecting (and recording) up to 16 SWC presets from remote momentary contact closures. This allows integration with A/V or building management control systems.

Up to 32 dimmer cabinets can be connected to a single SWC network giving true "system wide" control of presets or individual dimmer circuits.

Typical applications include:

Back-up lighting scenes, house lighting control, basic preset architectural control. Conference and concert lighting in municipal venues or for television and video studios. The SWC Programmer can also be used as an independent "riggers" control.

The SWC A/V Interface is ideal for Theme Park, Experience Centres, Museums or Meeting spaces for interfacing with Building Management or Show Control Systems.

i 6.5.7



ACT 3+ DIMMER PACK

- SWC - Available as standard with LD90, DE90, Andi DX, EC90 Supervisor and CD80 Supervisor dimmers.
- 99 Programmable presets for local or remote selection
- Programmable fade times of 0 to 9 minutes 59 seconds per preset
- 8 & 16 Pushbutton SWC Panels for remote preset selection
- LCD Display Station for customised preset "names"
- "Snapshot" record of dimmer output to create back-up presets.
- SWC A/V Interface for preset selection from remote contact closures
- SWC Programmer provides "rigging and focusing" control without needing an external control console
- Highest Takes Precedence operation with other dimmer control inputs
- System wide control capability - up to 32 dimmer cabinets connected to the same control network
- Circuit I.D.'s simplifying control access

Cat No.	Description
62951	SWC 8 Preset Panel
62952	SWC 16 Preset Panel
63030	SWC Display Station
62953	SWC A/V Interface (excludes back box or custom enclosure)
76102	SWC Hand Held Programmer
62520	SWC Style Receptacle Station
66074	SWC Remote Socket Box (supplied with B/B)
66071	Remote Cable Extension (XLR6 10 metres)
66072	Remote Cable Extension (XLR6 25 metres)
66100	Power Supply with Enclosure for SWC and Outlook
66101	LD90 DIN Rail Power Supply for SWC and Outlook
76421	EC90 Supervisor Power Supply for SWC and Outlook
66800	1-Gang Masonry Back Box (A size)
66802	2-Gang Masonry Back Box (B size)
66804	4-Gang Masonry Back Box (D size)

**ACT 3+™ ★NEW★  
DIMMER PACKS**

- Three 20A dimmers in a rugged, portable economical pack
- Ideal for temporary lighting rigs, or small installations
- CEE17 32A socket per dimmer, analogue control or optional DMX512/D54 multiplex control
- Analogue input accepts positive or negative control signals
- Optional plug-in multi-mux module gives multiplex control capability and integral chase effects feature
- "Slave" control socket provides link to a second Act 3+ pack
- Push-button test switch per dimmer with adjustable test level and "test on" indicator
- Fuse "OK" LED indicator per dimmer
- Provision for wall mounting or 19" rack mounting
- For use with suitable RCD devices

ACT 6+ DIMMERPACK


**Act 3+**

Compact dimmer pack with three 20A dimmers controlled by 0V to 10V analogue signal (plus/minus autosensing) per dimmer or optionally, multiplex signal (either Strand D54 or DMX512). Both versions fitted with CEE17 32A sockets, and analogue input. By removing a blank cover panel, and installing the optional Multi-mux module, any dimmer pack can operate with either DMX512 or Strand D54 multiplex signals. The Multi-mux module will provide a self-powered effects package with 4 effect types, selection of channels in the effect and the effect speed, each one selected by the Mux start address switches. A second Act 3+ dimmer pack may be connected as a slave unit under control of channels 4 - 6 in the analogue cable or the Multi-mux module. All versions accept three phase power, and include a single phase linking strap.

V 194V-264V AC 48-62Hz A 60A W 3 x 5kW H 3 I 3 I 3  
 0 - 10V (+/-), option: DMX512, D54, M 483 x 292 x 188mm  
W 9.6kg V 11.3 kg M 0.107m<sup>3</sup> C CE I 7.3.4

**Cat No. Description**

73070	Act 3+, Analogue, CEE17 32A
73071	Act 3+, Analogue, CEE17 32A with Power Input Cable
73074	Act 3+, CEE17 32A, with Multi-mux Module
73075	Act 3+, CEE17 32A, with Power Input Cable

**Act 3+ Accessories**
**Cat No. Description**

76030	Multi-mux Module, D54/DMX512
61106	6-Way & Master Control Desk
66090	DIN8 2m Control Cable
66091	DIN8 5m Control Cable
66092	DIN8 25m Control Cable
66083	DMX Control Cable, 2m
66081	DMX Control Cable, 10m
66082	DMX Control Cable, 25m

**ACT 6+™  
DIMMER PACKS**

- Six 10A dimmers in a rugged, portable economical pack
- Ideal for temporary lighting rigs, or small installations
- Featuring double sockets per dimmer, analogue input, and optional DMX/D54 multi-mux module
- Push-button test switch per dimmer with adjustable test level and "test on" indicator
- Fuse "OK" LED indicator per dimmer
- Provision for wall mounting or 19" rack mounting
- Analogue inputs accept positive or negative control signals
- Optional plug-in module gives multiplex control capability and integral chase facility for independent special effects
- For use with suitable RCD devices

**Act 6+**

Compact dimmer pack with six 10A dimmers controlled by 0 to 10V (plus/minus autosensing) per dimmer or optionally, multiplex signals. All versions supplied with double sockets, and analogue input. By removing a blank cover panel, and installing the optional Multi-mux module, any dimmer pack can operate with either DMX 512 or Strand D54 multiplex signals. An added feature with the Multi-mux module is the self-powered effects package which provides 4 effect types, selection of channels in the effect and the effect speed, all selected by the mux start address switches.

A blank socket panel version is available to mount custom connectors (e.g. a single connector for a multicore cable) and versions with other socket types can be supplied to order. All versions accept three phase power, and include a single phase linking strap.

V 230V/240V 50/60Hz A 60A W 6 x 2kW H 6 I 6 I 6  
 (+/-), option: DMX512, D54, M 490 x 300 x 180mm W 9.6kg  
V 11.3 kg M 0.107m<sup>3</sup> C CE I 7.3.3

**Cat No. Description**

73010	Act 6+, Dual 15A Sockets
73030	Act 6+, Dual 15A Sockets, with Multi-mux Module
73012	Act 6+, Dual Schuko Sockets
73013	Analogue Schuko with Power Input Cable
73032	Act 6+, Dual Schuko Sockets, with Multi-mux Module
73033	Act 6+, Dual Schuko Sockets, with Power Input Cable
73018	Act 6+, Dual CEE17 16A Sockets
73038	Act 6+, Dual CEE17 16A Sockets, with Multi-mux Module
73020	Act 6+, Blank Socket Panel
73040	Act 6+, Blank Socket Panel, with Multi-mux Module

**Act 6+ Accessories**
**Cat No. Description**

76030	Multi-mux Module, D54/DMX512
61106	6-Way & Master Control Desk
66090	DIN8 2m Control Cable
66091	DIN8 5m Control Cable
66092	DIN8 25m Control Cable
66083	DMX Control Cable, 2m
66081	DMX Control Cable, 10m
66082	DMX Control Cable, 25m

**Cables & Connectors**
**Cat No. Description**

91101	8 Core Control Cable (per m)
91102	Twin Screened Multiplex Cable (per m)
91103	3 Core 0.75mm <sup>2</sup> 6A Cable (50m)
91104	3 Core 1.0mm <sup>2</sup> 10A Cable (50m)
91105	3 Core 1.5mm <sup>2</sup> 15A Cable (50m)
91106	3 Core 6mm <sup>2</sup> 42A Cable (per m)
91107	3 Core 10mm <sup>2</sup> 63A Cable (per m)
83300	15A 3 Pin Rubber Plug
91108	15A 3 Pin Rubber Line Socket
91109	CEE17 32A 4P + E Panel Socket (3 Phase)
91110	CEE17 32A 3P + E Panel Socket (5kW)
91111	CEE17 16A 2P + E Panel Socket (2.5kW)
91112	CEE17 32A 2P + E Line Socket (5kW)
91113	CEE17 16A 2P + E Line Socket (2.5kW)
91114	CEE17 32A 4P + E Plug (3 Phase)
91115	CEE17 32A 2P + E Plug (5kW)
91116	CEE17 16A 2P + E Plug (2.5kW)

**LD90™ TOURING ★NEW★**  
DIGITAL TOURING DIMMERS

- New all-digital transportable dimmer racks based on LD90 technology
- For road tours, temporary installations and rental
- Compact fan-cooled rack with power patch bay option
- Comprehensive programmable features per dimmer, including dimmer curves, patches, max and min output voltage.
- Local control panel for local programming and rack status
- Smooth 2000-step fade resolution
- 99 programmable preset memories per rack
- Programmable choice of backup memory when Mux signal is not present
- System Wide Control (SWC) for setting and selection of internal programmable memories using the SWC programmer
- Handheld SWC programmer option provides simple direct control of all dimmers for focusing
- Multiplex or analogue control input
- Second DMX control input option
- Suitable for use with Outlook™ architectural control stations
- Fluorescent control modes including unique 'fast start' to ensure smooth dimming with electronic ballasts
- Complies with mandatory European safety and EMC regulations
- Earth leakage breaker (RCD) option
- Data security - setup data can be stored on a personal computer
- Fully compatible with LD90 installed dimming systems



LD90 DIGITAL TOURING DIMMER



LD90 DIGITAL TOURING DIMMER

**LD90 Touring 24 x 2.5kW**

Transportable version of a 24 x 2.5W LD90, with a welded steel frame (including shock absorbed mounts) fitted into a flight case assembly with wheels, removable front and rear covers and a hinged top cover. The rack processor module and three LD90 8 x 2.5kW power blocks are mounted horizontally on sliding trays, allowing easy access for servicing. Six ventilation fans (3 input, 3 exhaust) are mounted on a removable panel at the side of the rack. The mains panel includes a three-phase 125A CEE17 panel plug, a choice of European outlet sockets (with 10A MCBs) or 16A CEE17 sockets (with 16A MCBs). Two additional versions are available with either Socapex or Harting multicore connectors, and a power patch panel, which includes a gooseneck lamp and 24 patch leads.

☑ 230V/240V phase/neutral star supply, 50/60Hz ☑ 125A (three phase) ☑ 24 x 2.5kW ☑ 24 ☑ 99 ☑ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ✓ CE

Cat No.	Description
74151	LD90 Touring 24 x 2.5kW, 48 x 15A Sockets
74152	LD90 Touring 24 x 2.5kW, 48 x Schuko Sockets
74153	LD90 Touring 24 x 2.5kW, 48 x French Sockets
74154	LD90 Touring 24 x 2.5kW, 48 x CEE17 Sockets
74155	LD90 Touring 24 x 2.5kW, 10 x 6 Way Harting Connectors and 60 Way Load Patch
74156	LD90 Touring 24 x 2.5kW, 10 x 6 Way Socapex Connectors and 60 Way Load Patch

**LD90 Touring 12 x 5kW**

Transportable version of a 12 x 5W LD90, with a welded steel frame (including shock absorbed mounts) fitted into a flight case assembly with wheels, removable front and rear covers and a hinged top cover. The rack processor module and three LD90 4 x 5kW power blocks are mounted horizontally on sliding trays, allowing easy access for servicing. Six ventilation fans (3 input, 3 exhaust) are mounted on a removable panel at the side of the rack. The mains panel includes a three-phase 125A CEE17 panel plug, and 12 CEE17 32A outlet sockets. Factory fitted options include second Mux input, blank mains panel for customer-fitted mains input connector, and RCD protection.

☑ 230V/240V phase/neutral star supply, 50/60Hz ☑ 125A (three phase) ☑ 12 x 5kW ☑ 12 ☑ 99 ☑ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ✓ CE

Cat No.	Description
74204	LD90 Touring 12 x 5kW, 12 x 32A CEE17 Sockets

**LD90 Touring Accessories**

Cat No.	Description
76309	Additional Mux Input Kit
76330	Blank Mains Input Panel
76331	Patch Leads (24)
76311	Analogue Input Connector Set
76102	SWC Programmer Remote Unit
76320	SWC Remote Socket Box
62951	8 Preset Pushbutton Control Panel
62952	16 Preset Pushbutton Control Panel

**ANDI DX™**  
DIGITAL TOURING DIMMERS

- New all-digital touring dimming system with either 24 x 2.5kW or 12 x 5kW dimmers
- Built into flightcase with front and rear cover and wheels
- Compact fan-cooled case, finished in grey
- Dual 2.5kW or single 5kW plug-in dimmer modules
- Programmable features identical to LD90 rack
- Local control panel for local programming and rack status
- Smooth 2000-step fade resolution
- 99 programmable preset memories per rack
- Programmable choice of backup memory when Mux signal is not present
- Multiplex or analogue control input
- Options include outlet sockets, RCDs, second DMX control input
- Complies with mandatory European safety and EMC regulations

**Andi DX25 Flightcase 24 x 2.5kW**

Touring digital dimmer rack with 24 x 2.5kW plug in dimmer modules and central LD90 processor. A selection of load sockets is available, and each circuit is protected by a 16A MCB. Power input connection is 63A 3-phase CEE17 with a 63A main switch.

☑ 230V/240V phase/neutral star supply, 50/60Hz ☑ 63A (three phase) ☑ 24 x 2.5kW ☑ 24 ☑ 99 ☑ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ☑ 76kg ✓ CE

Cat No.	Description
75250	Andi DX 25 Flightcase, Blank Socket Panel
75251	Andi DX 25 Flightcase, 15A Sockets
75252	Andi DX 25 Flightcase, Schuko Sockets
75253	Andi DX 25 Flightcase, French Sockets
75254	Andi DX 25 Flightcase, CEE17 16A Sockets

**Andi DX50 Flightcase 12 x 5kW**

Touring digital dimmer rack with 12 x 5kW plug in dimmer modules and central LD90 processor. Load sockets are 32A CEE17, and each circuit is protected by a 32A MCB. Power input connection is 125A 3-phase CEE17 with a 125A main switch.

☑ 230V/240V phase/neutral star supply, 50/60Hz ☑ 125A (three phase) ☑ 12 x 5kW ☑ 12 ☑ 99 ☑ DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) ☑ 76kg ✓ CE

Cat No.	Description
75504	Andi DX 50 Flightcase, CEE17 32A Sockets

**Andi DX25 and DX50 Accessories**

Cat No.	Description
76251	RCD Option
76252	Multicore Option 2.5kW (4 Connectors)
76253	Multicore Option 5kW (4 Connectors)
76309	Additional Mux Input Kit
76311	Analogue Input Connector Set
76102	SWC Programmer Remote Unit

● ACT 6-Way Manual Controls	45	● Minim 300/500W Stage Spotlights	6
● ACT 3+, 6+ Dimmers	53	● Minispot Low Voltage Architectural Spotlights	5
● Alto 2000/2500W Stage Spotlights	10	● Mizar 300/500W Location Fresnels	26
● Andi DX Touring Dimmer Racks	54	● Multidim Architectural Dimmers & Control Stations	49
● Arturo 1250, 2500, 5000W Studio Softlights	31	● MX 12, 24, 48 Way Memory Control Desks	45
● Arturo HMI Daylight Softlights	24	● Networker Software for 430/530/550	41
● Bambino 1K Location Fresnels	26	● Nocturne 500/1000W Stage Floodlights	13
● Bambino 2K Location Fresnels	27	● Optique 1000W Condensor Optic Spotlights	9
● Bambino 5K Location Fresnels	27	● Orion 650/1000/1250W Studio Groundrows	17
● Bambino 650 Location Fresnels	26	● Outlook Architectural Lighting Control Stations	47
● Barrel Trolleys	36	● Outlook Digital Network Interface	47
● Beamlite 500/1000W Low Voltage Beam Projectors	11	● PALS Precision Automated Lighting Systems	15
● Blonde 2000W Portable Focussing Floodlights	19	● Pantographs-Spring, Motorised & Pole Operated	35
● Cantata 1200W Stage Spotlights	8	● Pinza 500W Portable Fill Lights	18
● Cantata Followspots	12	● Polarix 1000/1200W Studio Fresnels	28
● Castor 2000/2500W Studio Fresnels	28	● Pollux 5000W Studio Fresnels	29
● Coda 500/1000W Stage Cyclights	13	● Portable Lighting Kits	19
● Colour Call Colour Scrollers	15	● Prelude 650W Stage Spotlights	7
● Communiqué Plus Software for 430/530/550	41	● Premiere Architectural Memory Control Systems	46
● Communiqué Software for GSX, LBX	43	● Premiere Network Manager Lighting Management Software	46
● Compact Magnetic Ballasts 575W to 12kW	25	● Pulsar 650W Portable Focussing Floodlights	18
● DMX Multiplex Interface	52	● Quartet 650W Stage Spotlights	6
● EC90 Supervisor Digital Dimmers	50	● Redhead 800W Portable Focussing Floodlights	18
● Electronic Ballasts 200W to 18kW	25	● Reporterlight ENG Lighting Kits	20
● Galaxy Nova Memory Control Desks	44	● Self Climbing Lighting Hoists	34
● Genius Off-Line Editor Software for GSX, LBX	43	● Silver Bullet 12K DE Daylight Fresnels	24
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## LIGHTING PROJECT ASSISTANCE

Contact Strand Lighting for expert help on your next project. Our staff have the skills necessary to assist you through all stages of a project. We can provide the support you need including planning, design, manufacturing, shipping and commissioning. Additional support is available in the form of on-site training and maintenance instruction. Our attention to detail, close co-ordination with clients and consultants, coupled with continuous project monitoring until project completion, has resulted in on-time and on-budget completion of thousands of projects.

## STRAND LIGHTING OFFICES

Contact the offices listed below for the Strand Representatives and dealers in your area for assistance on lighting projects.

### Strand Lighting United Kingdom

Grant Way, Isleworth, Middlesex, TW7 5QD.  
**Tel: +44 (0) 181 560 3171**  
**Fax: +44 (0) 181 568 2103**  
 E-mail addresses - Sales: [custom@stranduk.com](mailto:custom@stranduk.com)  
 Service: [service@stranduk.com](mailto:service@stranduk.com)

### Strand Lighting Germany

Strand Lighting GmbH, Salzbergstrasse 2,  
 38302 Wolfenbüttel-Salzdahlum.  
**Tel: +49 5331 30080 Fax: +49 5331 78883**

### Strand Lighting Benelux

Chaussée de Haecht 1801, 1130 Bruxelles, Belgium.  
**Tel: +32 (0) 2 245 8686**

### Strand Lighting Italy

Strand Lighting Italia, S.r.l, Villa della Gardenie 33,  
 00040 Pomezia, Roma.  
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**Fax: +39 (0) 6 914 7136**

### Strand Lighting Scandinavia

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**Fax: +46 (0) 8 799 6954**

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 Kowloon Bay, Kowloon, Hong Kong.  
**Tel: +852 2757 3033 Fax: +852 2757 1767**  
 E-mail addresses - Sales: [info@stranda.com.hk](mailto:info@stranda.com.hk)  
[mhs:info@strandhk](mailto:mhs:info@strandhk)

### Strand Lighting Canada

2430 Lucknow Drive, Unit 15, Mississauga,  
 Ontario, L5S 1V3, Canada.  
**Tel: +1 905 677 7130 Fax: +1 905 677 6859**  
 E-mail addresses - Sales: [sales@strand.ca](mailto:sales@strand.ca)

### Strand Lighting USA

18111 South Santa Fe Avenue,  
 Rancho Dominguez, CA 90221.  
**Tel: +1 310 637 7500 Fax: +1 310 632 5519**  
 E-mail addresses - Sales: [sales@strand.lgb.ca.us](mailto:sales@strand.lgb.ca.us)

## REGISTRATION

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Postcode \_\_\_\_\_

Country \_\_\_\_\_

Please send me the Strand Catalogue

Please add my name to the *Lights!* mailing list

Other information required \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## UNITED KINGDOM

### BELFAST

GEP Ltd.  
Tel: 01232 664411 Fax: 01232 664831

### BIRMINGHAM

Midland Theatre Services Ltd.  
Tel: 0121 525 4545 Fax: 0121 525 2413

### BRECON

Theatre Vision  
Tel: 01497 847090 Fax: 01497 847087

### BRISTOL

Stage Electrics  
Tel: 0117 9827282 Fax: 0117 9822180

### CAMBRIDGE

Theatre Direct  
Tel: 01223 423010 Fax: 01223 425010

### CARDIFF

Theatre Vision  
Tel: 01222 701212 Fax: 01222 701070

### EDINBURGH

Northern Light  
Tel: 0131 553 2383 Fax: 0131 553 3296

### EXETER

Stage Electrics  
Tel: 01392 55868 Fax: 01392 410592

### GLASGOW

Northern Light  
Tel: 0141 440 1771 Fax: 0141 445 4406

### HALIFAX

White Light North Ltd.  
Tel: 01422 839651 Fax: 01422 839773

### JERSEY

Commercial Electronics  
Tel: 01534 865858 Fax: 01534 863759

### LONDON

Cerebrum Lighting Ltd.  
Tel: 0181 949 3171 Fax: 0181 949 3649

### Donmar Ltd.

Tel: 0171 790 1166 Fax: 0171 790 6634

### Playlight Hire Ltd.

Tel: 0181 965 8188 Fax: 0181 961 6348

### White Light (Electrics) Ltd.

Tel: 0171 731 3291 Fax: 0171 371 0806

### MANCHESTER

Playlight Hire Ltd.  
Tel: 0161 226 5858 Fax: 0161 232 9510

### NEWTON AYCLIFFE

Stage North (Theatrical Equipment)  
Tel: 01325 314946 Fax: 01325 311261

### PLYMOUTH

Stage Electrics  
Tel: 01752 269444 Fax: 01752 228283

### WIGAN

A.S. Green & Company  
(Lancashire) Ltd.  
Tel: 01942 718347 Fax: 01942 718219

## AUSTRIA

### WIEN

Fa. Ludwig Pani  
Tel: +43 1 521 080  
Fax: +43 1 526 4287

### WELS

Technik Design  
Vertriebsgesellschaft m.b.H.  
Tel: +43 7242 66633  
Fax: +43 7242 65570

## BELGIUM

### ANTWERP

Philippo Showlights  
Tel: +32 3 489 2856 Fax: +32 3 489 0562

### BRUSSELS

Power Light NV/SA  
Tel: +32 2 215 5506 Fax: +32 2 215 9940

### DEINZE

La RoyTheatre  
Projects BVBA/SPRL  
Tel: +32 9 386 1299 Fax: +32 9 386 9475

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Optimex, Vienna  
Tel: +43 1 470 53 75 Fax: +43 1 470 53 76

## CYPRUS

### LARNACA

V H Malian & Associates  
Tel: +357 46 59749 Fax: +357 2 336415

### LIMASSOL

Stylianides Broadcast Equipment  
Tel: +357 23 36402  
Fax: +357 4 642 990

## CZECH REPUBLIC

### PRAGUE

Artechnik  
Tel: +42 2 2421 7200  
Fax: +42 2 2421 7191

### Ametyst Nova s.r.o.

Tel: +42 2 316 2251  
Fax: +42 2 316 2251

### BRNO

Oscar Spol s.r.o.  
Tel: +42 5 941283  
Fax: +42 5 4422 1283

### Cultact Spol s.r.o.

Tel: +42 5 4332 1107224  
Fax: +42 5 4321 6056

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### Teadan APS

Tel: +45 42173525  
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## EGYPT

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### BORDEAUX

Z Professionnel  
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### MARSEILLE

Pana Diffusion  
Tel: +33 91 77 92 92  
Fax: +33 91 71 00 50

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Eclalux  
Tel: +33 1 46 72 76 36  
Fax: +33 1 46 58 67 56

## GERMANY

### BERLIN

Common Technics Ges. fur Fernseh-,  
Studio- und Theaterbeleuchtung  
GmbH

Tel: +49 30 6233001/2  
Fax: +49 30 6233060

### Helicon Lichttechnik und

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Tel: +49 30 4262207  
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### Kamm + Köchy GmbH

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### CREMLINGEN

Lucifer GmbH  
Tel: +49 5306 911053/54  
Fax: +49 5306 911055

### EMSDETTEN

Q-Ware GmbH  
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Rolf Zink Medientechnik GmbH  
Tel: +49 361 7450559  
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Amptown Lichttechnik GmbH  
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Fax: +49 40 64600445

### KOHNEN-SAHLIS

(near Chemnitz)  
Arnold Lichttechnik  
Tel: +49 34344 61226  
Fax: +49 34344 61528

### KÖLN

FFE Film- und Fernseh-equipment  
GmbH  
Tel: +49 221 594481/83  
Fax: +49 221 591542

### LEIPZIG

Adam & Hecker Videoservice IIs  
GmbH  
Tel: +49 341 2323262  
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### MANNHEIM

Wolfram Dosch Theatersaustattung  
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Fax: +49 621 817562

## MÜNCHEN

Zuhr Elektrotechnik und Elektronik  
GmbH  
Tel: +49 89 1783694  
Fax: +49 89 174810

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A. Abele Unterhaltungs-  
Electronic GbR  
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Fax: +49 7032 9851-99

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Optronik Handels GmbH  
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WTT Werning Theatertechnik  
und Theaterbedarf GmbH  
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## STRALSUND

Kontor für Licht- und Tontechnik  
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FTL GmbH  
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Fax: +49 8703 91260

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R. Schnakenberg Bühnenbau  
GmbH & Co. KG  
Tel: +49 202 46908-0  
Fax: +49 202 46908-52

## GREECE

### Omikron

Tel: +30 1 363 7979 Fax: +30 1 363 6761

## HOLLAND

### Barndoor BV

Tel: +31 20 606 1750 Fax: +31 20 606 1760

## HUNGARY

### LISYS

Lighting System Studio  
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Fax: +36 1 269 8673  
Pelyhe & Tarsa Kft.  
Tel: +36 1 250 7320  
Fax: +36 1 250 4305  
Pro-Tech Studio Ltd.  
Tel: +36 1 176 3333  
Fax: +36 1 275 0265

## ICELAND

### Arvik h.f.

Tel: +354 5687222  
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## IRAN

### Teletronics Engineering Co.

Tel: +98 21 685 995  
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## IRELAND

### Stage Lighting Centre

Tel: +353 1 6773044  
Fax: +353 1 6773724

## ISRAEL

### Supersonic Israel Ltd.

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## ITALY

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Illumino Service SRL  
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Pasquali Luigi Alberto SRL  
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Eletekno Service SRL  
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ART Lighting SRL  
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Pearl Engineering (PVT) Ltd.  
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### ZÜRICH