

THE STRAND CATALOG

Strand Lighting

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Catalog Prices Effective December 1st 1994
Contact Your Local Dealer For Pricing

ISSN 0969-2827



Strand Lighting

STRAND LIGHTING

In 1926 Century Lighting opened for business in New York to serve Broadway. The Strand Electric Company had been operating since 1914 to serve London's theatre district. Today, Strand Lighting, the union of these two companies, continues as the world's leading name in stage, television, motion picture, and architectural lighting and services. This year Strand Lighting celebrated its 80th year in business.

This Strand Lighting 1994/95 Catalog brings together the world's most comprehensive range of Entertainment and Architectural lighting equipment in a short-form publication. A range of products is presented to provide creative lighting solutions from the simplest illumination task to the most complex and demanding design. Products are designed to comply with the most exacting safety, quality and performance standards, meeting international legislative and code requirements.

Creative lighting calls for flexibility and excellence in the choice of lighting equipment. This Strand Lighting Catalog is brought to you to simplify selection from the world's most comprehensive equipment program.

The Company reserves the right to make any variation in specification, design or construction to the equipment described without prior notification or public announcement. Strand Lighting Inc. is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods supplied by the Company are supplied subject to the Company's Terms and Conditions, a copy of which is available on request.

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
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HOW TO USE THIS CATALOG

1. The front cover index refers to the type of product in each section.
2. Products are arranged in ascending order, from the smallest or simplest, to the largest or most comprehensive.
3. The product benefits are listed, plus a coded summary specification - see Guide to Symbols and Abbreviations on this page.
4. Items supplied with the product are indicated in the text. Appropriate accessories for that product are also listed and should be ordered where required.
5. Accessories are extra items required for the product. Parts supplied with the main product (eg. color frame) may be listed separately as 'additional' accessories to enable replacements to be ordered.
6. To order products in this catalog, contact your local Strand dealer for details of the latest pricing offers. Items marked with this symbol  are included in the specially-priced Century System program on items purchased through Strand dealers.
7. Prices published in this catalog are Manufacturer's Suggested Retail Prices (MSRP) in US\$. Contact your dealer for pricing in your area. We reserve the right to change our suggested retail prices at any time, without

prior notification. Strand Lighting assumes no liability for errors or omissions in this catalog.










8. Part Numbers and MSRP's shown for luminaires do not include connectors. Most luminaires supplied have bare leads. Connectors can be installed for a nominal charge: Grounding Pin (GP), Grounding Twist Lock (GTL), Grounding U-Receptacle (GR), Grounding Harj-lock (HGP). To order use the luminaire part number and add the connector code. eg. 2230 GP is for a Lekolite fitted with a Grounding Pin connector.
9. Many products are also suitable for 220V operation in South America and Asia. These items are marked "Can be used for 220V operation" and the regular 120V product may be used with a suitable 220V lamp and connector, or if a console has a universal power supply. Products marked "Versions also available for 220V operation", have different part numbers and are available as a special order, with prices quoted on request.

IMPORTANT: 220V products in this catalog may not necessarily be suitable for use in Europe, or countries with specific electrical regulations, although European standard equivalents are generally available. Contact Strand Lighting for advice. A European edition of this catalog is available in English, French, Italian and German. A separate catalog is published for Canada.







A GUIDE TO SYMBOLS AND ABBREVIATIONS

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

General





| | |
|---|--|
|  | Supply voltage |
|  | Current rating in amps |
|  | Weight of product |
|  | Overall dimension of product |
|  | Packed weight |
|  | Packed volume |
|  | Compliance with safety standards. UL, CSA, EN60 598 2-17 (European fixture safety standard), SELV (eg. consoles using an external SELV [Safe Extra-Low Voltage] power supply making the console intrinsically safe). |
|  | Included in the Century System pricing program. |
|  | NEW in this catalog |
| POR | Price on Request (for current pricing of lamps). |
| POA | Price on Application (items for projects, or on special order). |

Fixtures







| | |
|---|---|
|  | Watts (maximum recommended) |
|  | Beam angle (Half-peak angles for Fresnels. Field angles for ellipsoidal spotlights). |
|  | Throw (usual working distance from subject in feet [and meters]). |
|  | Illuminance (maximum foot candles [and lux] at throw distance stated with lamp recommended). |
|  | Pattern size. A = Standard pattern, 3" (76mm) image B = Continental 'B' size, 2 ³ / ₈ " (60mm) image M = Mini pattern, 2" (49.5mm) image E = Micro pattern, 1" (25mm) image |
|  | Color filter frame size |
| SE | Single-ended 'daylight' lamp |
| DE | Double-ended 'daylight' lamp |
| F | Fresnel lens (as in Quartet F) |
| PC | Prism Convex lens (as in Quartet PC) similar to plano-convex, but with an embossed rear surface to diffuse the beam. |

| | |
|----|--|
| ST | (Except Mizar) Standard version supplied with yoke, 1 1/8" (29mm) spigot, and C-clamp for stand-mount or hanging. P.O yokes are available for most fixtures to convert to pole operation. See under appropriate accessory section for part number. |
| PO | Supplied with yoke for Pole Operation (Iris units only) and C-clamp |
| TV | Supplied with yoke (no spigot) and C-clamp |
| MP | Supplied with yoke with 5/8" (16mm) receiver |
| SP | Luminaire having special function |

Suspension and Stands

| | |
|---|-------------------------|
|  | Safe working load (SWL) |
|  | Studio height |
|  | Extended height |
|  | Closed height |

Controls & Dimmers

| | |
|---|--|
|  | Quantity of channels |
|  | Quantity of dimmers |
|  | Number of sliders or submasters |
|  | Typical memory capacity |
|  | Plan dimension (footprint) |
|  | Control protocol as follows: Analog: Wire-per-dimmer. 0V is off, +10V is full on. AMX: USITT AMX 192 D54: Strand European Analog multiplex standard. DMX: USITT DMX512 PALS: For PALS automated lighting and Colour Call scrollers. 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 MSC: MIDI Show Control |

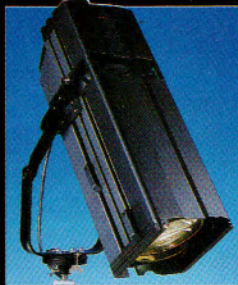
INTRODUCING OVER 15 EXCITING NEW PRODUCT RANGES



LEKO

PAGE 5

Improved new range of five 1kW theatre ellipsoidals.



TOCCATA

A pair of high wattage condensor zoom-optic luminaires to complement the Optique range.

PAGE 9



SUPERNOVA 25/12

PAGE 20

Dual wattage 2500W and 1200W location fresnels using single ended HMI/MSR lamps.

SUPERNOVA 40/25

PAGE 20

Dual wattage 4000W and 2500W location fresnels using single ended HMI/MSR lamps.



LBX with GENIUS™

PAGE 35

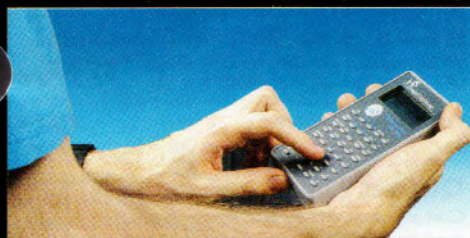
The flexibility of a manual preset and memory concert lighting console combined with a choice of application software, replaces Lightboard M range.



STRAND 430, STRAND 530 with LIGHTPALETTE® or GENIUS PLUS™ Operating System

PAGE 37

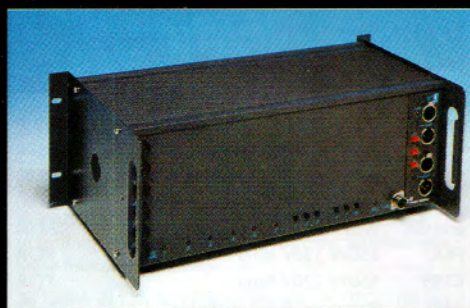
Two consoles that offer "a first" in a traditional theatrical or studio lighting console - Multi Attribute Control for scrollers and moving lights.



SYSTEM WIDE CONTROL AV INTERFACE

PAGE 45

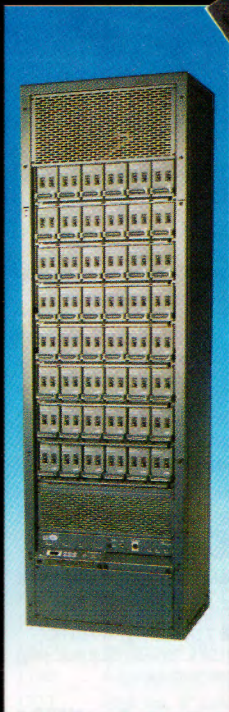
A new AV interface to allow remote contact closures to recall System Wide Control presets.



ACT 6+™

PAGE 43

Portable packs for the 220V market which include a digital multiplex option.



CD80 Supervisor™

The CD80 Supervisor range includes mid to high specification modular digital dimming with Reporter™ options. Replaces CD80AE

PAGE 47



OFF-LINE EDITING for GENIUS™

This comprehensive off-line editor program runs Genius on a DOS PC for recording your lighting memories, effects and setup options on a floppy disk for immediate transfer to a GSX or LBX console.

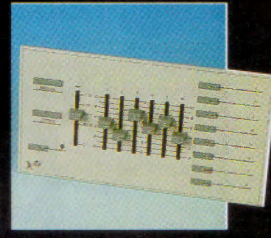
PAGE 36



PREMIERE® NETWORK MANAGER

On-line software package for integrated PC control of multiple Premiere® systems.

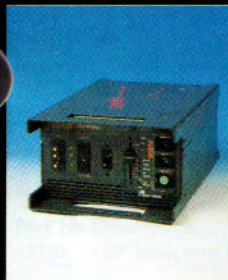
PAGE 41



OUTLOOK™ INTERFACE

New interface to allow the Outlook range of control stations to be used with any dimming systems that accept analog control signals.

PAGE 40



CD80 SINGLE

Individual analog and digital dimmers for the motion picture industry.

PAGE 43

LIGHTSCOPE

New versions of the spring telescope studio suspension, giving variable vertical positioning at a budget price

PAGE 30

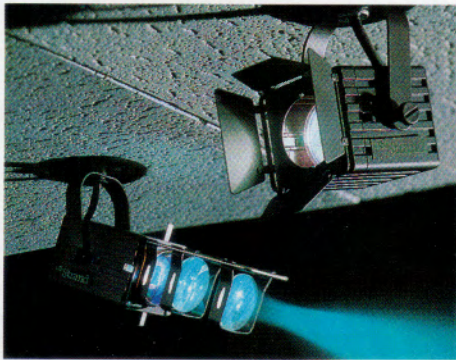


COLOURCALL CC2

PAGE 31

New design Colour Call CC2 with integral fan for 2k and 5k studio luminaires.





MINISPOT PROFILE AND MINISPOT BARNDOOR

MINISPOT™ 50W & 75W 12V

- Miniature low-voltage spotlights
- Ideal for displays, interior lighting, console lighting, picture lighting
- Framing spot, barndoor and open-faced versions
- Extruded aluminum body in white or black finish
- Uses 12V MRI 6 tungsten halogen, dichroic reflector lamps
- Rotating effects projector version
- Pattern projection capability (ellipsoids)
- Requires lamp and remote transformer

Minispot Open-faced & Barndoor

Basic open-faced housing with or without barndoor for EXZ 50W lamps. (FNW 75W max. lamps can be used in white versions.) Beam angle is determined by the choice of lamp used.

■ 50W or 75W ■ 12V □ 12° - 38° depending on lamp
 ■ 1.5lbs. (0.7kg) * depends on lamp ◀ 3' - 10' (1m - 3m)
 ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|-------------------------------|---------|
| 11000 | Minispot, open-faced, white | 68.00 |
| 11001 | Minispot, open-faced, black | 68.00 |
| 11002 | Minispot with barndoor, white | 118.00 |
| 11003 | Minispot with barndoor, black | 118.00 |

Minispot Ellipsoidal

Miniature ellipsoidal spotlight with twin-lens zoom optical system and 4 beam-shaping shutters. Uses EXZ 50W lamps (FNW 75W max. for white versions). Beam angle from 30° to 50°. Pattern/gel color filter holder and dichroic glass filter holder are available.

■ 50W or 75W ■ 12V □ 30° - 50° ■ 2.6lbs. (1.2kg)
 * With EXZ lamp: 22 FC (240 lux) ◀ 10' (3m) ⊕ E
 ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|----------------------------------|---------|
| 11004 | Minispot ellipsoidal spot, white | 188.00 |
| 11005 | Minispot ellipsoidal spot, black | 188.00 |

Minispot Effects

Rotating disc effects projector in white finish only, with twin-lens zoom optical system for EXZ 50W or FNW 75W lamps. Beam angle 30° to 50°. A wide selection of standard 6 inch effects discs are available (not supplied) including "Clouds", "Liquid Oil" and "Break-up Patterns".

■ 50W or 75W ■ 12V □ 30° - 50° ■ 2.6lbs. (1.2kg)
 * depends on density of effects disc ◀ 10' (3m)
 ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|----------------------------|---------|
| 16101 | Minispot Effects Projector | 275.00 |

Minispot Range Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| EXN | 50W lamp, 50mm dia., 38° | POR |
| EXZ | 50W lamp, 50mm dia., 21° | POR |
| EXT | 50W lamp, 50mm dia., 10° | POR |
| EYC | 75W lamp, 50mm dia., 38° | POR |
| FNW | 75W lamp, 50mm dia., 24° | POR |
| EYF | 75W lamp, 50mm dia., 12° | POR |
| 18020 | Holders (5) for pattern or gel filter | 18.00 |
| 18021 | Holders (5) for lens or dichroic filter (required for dichroics listed below) | 28.00 |
| 18001 | Dichroic filter (red) | 18.00 |
| 18002 | Dichroic filter (blue) | 18.00 |
| 18003 | Dichroic filter (green) | 21.00 |
| 18004 | Dichroic filter (yellow) | 21.00 |
| 18005 | Dichroic filter (magenta) | 21.00 |
| 18006 | Dichroic filter (cyan) | 21.00 |
| 18007 | Dichroic filter (orange) | 21.00 |
| 18008 | Dichroic filter (pink) | 21.00 |
| 18009 | Dichroic filter (light blue) | 21.00 |
| 18010 | Dichroic filter (purple) | 21.00 |

Effects discs and patterns: List available on request.

QUARTET™ 650W

- High tech lightweight & rugged die-cast body
- Cost effective lighting for small stages & schools, museums and displays
- Insulated rear handle
- Quartet zoom ellipsoidal includes 4 shutters and template slot for optional drop-in iris or pattern holder
- Barndoor optional extra for Quartet F (Fresnel) & PC (Prism Convex)
- Supplied in black finish with color frame, mounting yoke with C-clamp, 5' (1.5m) power cable with bare leads or connector specified
- Can be used for 220V operation
- UL Approved

Quartet F

Compact, cost effective Fresnel spotlight with a smooth, soft-edged 10° to 40.5° variable beam. Supplied with color frame and C-clamp.

■ 650W ■ 120V □ 10° - 40.5° ■ 6.8lbs. (3.1kg) * 140 FC (1525 lux) ◀ 20' (6m) × 6" × 6" (150 × 150mm) ■ 8.4lbs. (3.8kg) ■ 1.06 Cu.ft. (0.03m³) ✓ EN 60 598 2-17, UL

| Part No. | Description | MSRP \$ |
|----------|-----------------------|---------|
| 3382 | Quartet F, bare leads | 193.00 |

Quartet PC

Compact, cost effective spotlight with a Prism-Convex lens giving a tighter beam and wider range of beam angles from 7.5° to 55.5°. Supplied with color frame and C-clamp.

■ 650W ■ 120V □ 7.5° - 55.5° ■ 7.3lbs. (3.3kg) * 160 FC (1700 lux) ◀ 20' (6m) × 6" × 6" (150 × 150mm) ■ 8.8lbs. (4kg) ■ 1.06 Cu.ft. (0.03m³) ✓ EN60 598 2-17, UL

| Part No. | Description | MSRP \$ |
|----------|------------------------|---------|
| 3383 | Quartet PC, bare leads | 193.00 |



QUARTET F



QUARTET 22/40

Quartet 25

Economy ellipsoidal spotlight with fixed 25° beam angle and peak/flat beam distribution adjustment. Supplied with color frame and C-clamp.

■ 650W ■ 120V □ 25° ■ 10.5lbs. (4.8kg) * 90 FC (975 lux)
 ◀ 20' (6m) × 6" × 6" (150 × 150mm) ⊕ M ■ 12lbs. (5.4kg)
 ■ 1.4 Cu.ft. (0.04m³) ✓ EN60 598 2-17, UL

| Part No. | Description | MSRP \$ |
|----------|------------------------|---------|
| 2275 | Quartet 25, bare leads | 224.00 |

Quartet 22/40

Cost effectively-priced twin-lens zoom ellipsoidal spotlight with 22°-40° beam spread and focus control in addition to peak/flat beam distribution adjustment. Supplied with color frame and C-clamp.

■ 650W ■ 120V □ 22° - 40° ■ 10.6lbs. (4.8kg) * 102 FC (1100 lux) ◀ 20' (6m) × 6" × 6" (150 × 150mm) ⊕ M
 ■ 12.75lbs. (5.8kg) ■ 1.52 Cu.ft. (0.043m³)
 ✓ EN 60 598 2-17, UL

| Part No. | Description | MSRP \$ |
|----------|---------------------------|---------|
| 2274 | Quartet 22/40, bare leads | 279.00 |

Quartet Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| FRK | 650W 120V lamp | POR |
| CP89 | 650W 220V lamp | POR |
| 1407 | Barndoor, 4-leaf rotatable, (for F & PC) | 25.00 |
| 1353 | Drop-in iris, 12-leaf, (for zoom ellipsoidal) | 56.00 |
| 1341 | Pattern holder (for Quartet ellipsoids) | 18.00 |
| 1103 | Additional color frame | 12.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |



LEKOLITE®

6" FIXED FOCUS ELLIPSOIDALS
500W - 1000W

- Updated range of five fixed angle 1000W ellipsoidal spotlights
- Four interchangeable lens tubes 20, 30, 40 and 50 degrees
- High angularity gate with overlapping shutter blades, each with 100° movement
- High-output, short length, fast focusing
- Simple lamp replacement possible without disturbing lamp setting
- Patented lamp centering mechanism
- Optional rotatable pattern holder or drop-in iris
- UL and CSA approved
- Supplied with color frame, mounting yoke with C-clamp, and 3' (0.9m) power cable with bare leads or connector specified
- Can be used for 220V operation

Leko 15

Upgraded 1000W Leko with fixed 15° beam spread (6 by 22 equivalent) for 55' to 75' throws. Supplied with color frame and C-clamp.

⚡ 1000W ⚡ 120V ⚡ 15° ⚡ 17.16lbs. (7.8kg) ⚡ 53 FC (590 lux)
⚡ 60" (18m) ⚡ 7.5" x 7.5" (190 x 190mm) ⚡ B ⚡ 18lbs. (8kg)
⚡ 3 Cu.ft. (0.085 m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|----------------------|---------|
| 12215 | 15° Leko, bare leads | 249.00 |

Leko 20

Upgraded 1000W Leko with fixed 20° beam spread (6 by 16 equivalent) for 45' to 60' throws. Supplied with color frame and C-clamp.

⚡ 1000W ⚡ 120V ⚡ 20° ⚡ 13.2lbs. (6kg) ⚡ 74 FC (827 lux)
⚡ 50" (15m) ⚡ 7.5" x 7.5" (190 x 190mm) ⚡ B ⚡ 14.96lbs. (6.8kg)
⚡ 2 Cu.ft. (0.057m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|----------------------|---------|
| 12220 | 20° Leko, bare leads | 249.00 |

Leko 30

Upgraded 1000W Leko with fixed 30° beam spread (6 by 12 equivalent) for 30' to 45' throws. Supplied with color frame and C-clamp.

⚡ 1000W ⚡ 120V ⚡ 30° ⚡ 13.2lbs. (6kg) ⚡ 74FC (765 lux) ⚡
45" (14m) ⚡ 7.5" x 7.5" (190 x 190mm) ⚡ B ⚡ 14.96lbs. (6.8kg)
⚡ 2 Cu.ft. (0.057m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|----------------------|---------|
| 12230 | 30° Leko, bare leads | 249.00 |

Leko 40

Upgraded 1000W Leko with fixed 40° beam spread (6 by 9 equivalent) for 20' to 35' throws. Supplied with color frame and C-clamp.

⚡ 1000W ⚡ 120V ⚡ 40° ⚡ 13.2lbs. (6kg) ⚡ 97FC (1180 lux) ⚡
35" (9m) ⚡ 7.5" x 7.5" (190 x 190mm) ⚡ B ⚡ 14.96lbs. (6.8kg)
⚡ 2 Cu.ft. (0.057m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|----------------------|---------|
| 12240 | 40° Leko, bare leads | 249.00 |

Leko 50

Upgraded 1000W Leko with fixed 50° beam spread (4 1/2 by 6 equivalent) for 10' to 25' throws. Supplied with color frame and C-clamp.

⚡ 1000W ⚡ 120V ⚡ 50° ⚡ 13.2lbs. (6kg) ⚡ 70 FC (780 lux) ⚡
30" (9m) ⚡ 7.5" x 7.5" (190 x 190mm) ⚡ B ⚡ 14.96lbs. (6.8kg)
⚡ 2 Cu.ft. (0.057m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|----------------------|---------|
| 12250 | 50° Leko, bare leads | 249.00 |



LEKOLITE 15, 20, 30, 40 AND 50

Leko 6" Accessories

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| HX600 | 575W 120V Lamp | POR |
| HX601 | 575W 120V Lamp, long-life | POR |
| FEL | 1000W 120V lamp | POR |
| CP77 | 1000W 220V lamp | POR |
| 18220 | Additional 20° Lens Tube | 98.00 |
| 18230 | Additional 30° Lens Tube | 98.00 |
| 18240 | Additional 40° Lens Tube | 98.00 |
| 18250 | Additional 50° Lens Tube | 98.00 |
| 1108 | Additional color frame, 7 1/2" x 7 1/2" | 5.00 |
| 1332 | High hat, 6" Leko | 18.00 |
| 1361 | Drop-in iris, 6" Leko | 70.00 |
| 1342 | Pattern holder, 6" Leko | 10.00 |
| 5150 | Colour Call* CCI scroller for 6" & 8" Lekos | 1,210.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

* For further details, see page 31



LEKOLITE 8' X 13'



LEKOLITE 10' X 23'

LEKOLITE®

LONG THROW 8" & 10"
ELLIPSOIDALS
500W - 1000W

- Long throw 1000W ellipsoids
- Lightweight & rugged die-cast body
- Alzak reflector, four shutters in four planes and template slot
- High-output, fast focusing
- Lekos with iris kits include shutters and template slot
- Supplied in black finish with mounting yoke with C-clamp, and 3' (0.9m) power cable with bare leads or connector specified
- Can be used for 220V operation
- UL/CSA approved

8" Leko

Choice of two 8" (8 by 13) Lekos for throws of 70' to 100'. Field angle 12°. Supplied with or without iris kit, and with 4 shutters, template slot and C-clamp.

W 1000W V 120V < 12° 22lbs. (10kg) * 91 FC (980 lux)
 ◀ 80' (24m) X 10" x 10" (254 x 254mm) ⊕ B 26lbs. (12kg)
 3.33 Cu.ft. (0.094m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 2113 | 8 x 13 Lekolite, bare leads | 399.00 |
| 2114 | 8 x 13 Lekolite, bare leads, with iris | 546.00 |

10" Leko

Choice of two 10" (10 by 23) Lekos for throws of 90' to 120'. Beam angle 9°. Supplied with or without iris kit, and with 4 shutters, template slot and C-clamp.

W 1000W V 120V < 9° 26lbs. (11.8kg) * 88 FC (950 lux)
 ◀ 100' (30m) X 11.75" x 11.75" (300 x 300mm) ⊕ B 31lbs.
 (14kg) 3.33 Cu.ft. (0.094m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 2123 | 10 x 23 Lekolite, bare leads | 546.00 |
| 2124 | 10 x 23 Lekolite, bare leads, with iris | 684.00 |

Leko Accessories

| Part No. | Description | MSRP \$ |
|----------|-----------------------------|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| HX600 | 575W 120V Lamp | POR |
| HX601 | 575W 120V Lamp | POR |
| FEL | 1000W 120V lamp | POR |
| CP77 | 1000W 220V lamp | POR |

| | | |
|------|--|----------|
| 1110 | Color frame, 10" x 10", 8" Leko | 8.00 |
| 1112 | Color frame, 11 ³ / ₄ " x 11 ³ / ₄ ", 10" Leko | 9.00 |
| 1333 | High hat, 8" Leko | 28.00 |
| 1336 | High hat, 10" Leko | 36.00 |
| 1342 | Pattern holder 8" & 10" Leko | 10.00 |
| 5150 | Colour Call* CCI scroller for 6" & 8" Lekos | 1,210.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

* For further details, see page 31

LEKOLITE®

VARIABLE FOCUS ELLIPSOIDALS
500W and 1000W

- High-performance zoom optics
- Suitable for small to mid-size venues
- 150W to 500W and 500W to 1000W
- Insulated handles
- Four shutters provided
- Supplied in black finish with mounting yoke with C-clamp, and 3' (0.9m) power cable with bare leads or connector specified
- Can be used for 220V operation
- UL/CSA approved

Lekolite 4 1/2" Variable Focus

Ellipsoidal reflector, 25° to 50° variable focus spotlight with 4 1/2" by 9" and 4 1/2" by 6 1/2" lens combination for 150W, 250W, 400W, 500W axial-filament lamps. Supplied with 4 shutters, template slot and C-clamp.

W 500W V 120V < 25° - 50° 15lbs. (6.75kg) * 67 FC (725 lux)
 ◀ 19.2' (6m) X 6.25" x 6.25" (159 x 159mm) ⊕ B
 17lbs. (7.8kg) 2.04 Cu.ft. (0.058m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 2205 | 4 1/2" Lekolite variable focus, bare leads | 285.00 |

Lekolite 6" Variable Focus

Ellipsoidal reflector, 15° to 40° variable focus spotlight with 6" by 9" and 4 1/2" by 6 1/2" lens combination for 500W, 750W and 1000W axial-filament lamps. Supplied with 4 shutters, template slot and C-clamp.

W 1000W V 120V < 15° - 40° 27lbs. (10.8kg) * 58 FC (760 lux)
 ◀ 40' (11m) X 7.5" x 7.5" (190mm x 190mm) ⊕ B
 28lbs. (10.8kg) 3.94 Cu.ft. (1.11m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 2206 | 6" Lekolite variable focus, bare leads | 498.00 |



LEKOLITE VARIABLE

Lekolite 4 1/2" & 6" Accessories

| Part No. | Description | MSRP \$ |
|----------|-----------------------------|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| EVR | 500W 120V lamp (2205) | POR |
| JD500 | 500W 220V lamp (2205) | POR |
| EHD | 500W 120V lamp (2206) | POR |
| HX600 | 575W 120V Lamp (2206) | POR |
| HX601 | 575W 120V Lamp (2206) | POR |
| EHG | 750W 120V lamp (2206) | POR |
| FEL | 1000W 120V lamp (2206) | POR |
| CP77 | 1000W 220V lamp (2206) | POR |
| 1105 | Color frame (2205) | 4.50 |
| 1108 | Color frame (2206) | 5.00 |
| 1331 | High hat (2205) | 15.00 |
| 1332 | High Hat (2206) | 18.00 |
| 1345 | Pattern holder (2205) | 14.00 |
| 1346 | Pattern holder (2206) | 14.00 |
| 1355 | Drop-in iris (2205) | 105.00 |
| 1356 | Drop-in Iris (2206) | 122.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |



CANTATA 18/32



CANTATA 26/44



OPTIQUE 8/17



CANTATA 11/26

CANTATA™ 1000W

- High quality variable focus axial ellipsoidal spotlights
- For theatres, concert halls and touring
- Rotatable shutter gate with four shutters and template slot
- Easy access for lens cleaning
- Supplied in black finish with color frame, mounting yoke with C-clamp, and 3' (1.0m) power cable with bare leads or connector specified
- Can be used for 220V operation

Cantata 11/26

Variable angle zoom ellipsoidal spotlight with 11° to 26° beam spread for long-throws. Four integral beam-shaping shutters and template slot in rotatable gate. Supplied with color frame and C-clamp.

W 1000W V 120V K 11° - 26° M 28lbs. (12.8kg) * 106 FC (1150 lux) D 50' (15m) X 7.5" x 7.5" (185 x 185mm) B M 35.5lbs. (16.1kg) C 5.15 Cu.ft. (0.146m3) EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 2271 | Cantata 11/26, 1000W Axial, bare leads | 535.00 |

Cantata 18/32

Variable angle zoom ellipsoidal spotlight with 18° to 32° beam spread for medium-throw applications. Four integral beam-shaping shutters and template slot in rotatable gate. Supplied with color frame and C-clamp.

W 1000W V 120V K 18° - 32° M 26.5lbs. (12kg) * 72 FC (780 lux) D 48' (15m) X 7.5" x 7.5" (185 x 185mm) B M 33lbs. (15.1kg) C 4.4 Cu.ft. (0.125m3) EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 2272 | Cantata 18/32, 1000W Axial, bare leads | 535.00 |

Cantata 26/44

Variable angle zoom ellipsoidal spotlight with 26° to 44° beam spread for short-throw applications. Four integral beam-shaping shutters and template slot in rotatable gate. Supplied with color frame and C-clamp.

W 1000W V 120V K 26° - 44° M 24lbs. (11kg) * 68 FC (730 lux) D 40' (12m) X 7.5" x 7.5" (185 x 185mm) B M 30lbs. (13.6kg) C 3.9 Cu.ft. (0.111m3) EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 2273 | Cantata 26/44, 1000W Axial, bare leads | 535.00 |

Cantata Accessories

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| HX600 | 575W 120V lamp | POR |
| HX601 | 575W 120V lamp | POR |
| FEL | 1000W 120V lamp | POR |
| CP77 | 1000W 220V lamp | POR |
| 1108 | Additional color frame, 7 1/2" x 7 1/2" | 5.00 |
| 1340 | Pattern holder for Cantata | 18.00 |
| 1357 | Drop in iris, 18-leaf | 70.00 |
| 5150 | Colour Call CCI scroller | 1,210.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

* For further details, see page 31

OPTIQUE™ CONDENSER OPTICS 1200W

- Condenser optic projector ellipsoids
- Smooth flat field is ideal for sharp pattern projection
- Rotatable gate assembly
- Easy access for lens cleaning
- Supplied in black finish with color frame, mounting yoke with C-clamp, and detachable 5' (1.5m) power cable with bare leads or connector specified
- Can be used for 220V operation

Optique 8/17

Variable angle condenser optics ellipsoidal spotlight with 8° to 17° beam angle and flat field for sharp, long-throw projection of patterns and shutter edges. Supplied with color frame and C-clamp.

W 1200W V 120V K 8° - 17° M 28lbs. (12.6kg) * 158 FC (1755 lux) D 50' (15m) X 7.5" (185 x 185mm) B M 34lbs. (15.6kg) C 5.5 Cu.ft. (0.155m3) EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--------------------------|---------|
| 12011 | Optique 8/17, bare leads | 625.00 |

Optique 15/42

Variable angle condenser optics ellipsoidal spotlight with 15° to 42° beam angle and flat field for sharp, short-throw projection of patterns and shutter edges. Supplied with color frame and C-clamp.

W 1200W V 120V K 15° - 42° M 28lbs. (12.6kg) * 110 FC (1220 lux) D 33' (10m) X 7.5" (185 x 185mm) B M 34lbs. (15.5kg) C 4.5 Cu.ft. (0.128m3) EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---------------------------|---------|
| 12021 | Optique 15/42, bare leads | 625.00 |

Optique Accessories

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| T29 | 1200W 120V lamp | POR |
| T29 | 1200W 220V lamp | POR |
| 1108 | Additional color frame, 7 1/2" x 7 1/2" | 5.00 |
| 18100 | Pattern holder for Optique | 18.00 |
| 1357 | Drop-in Iris, 18-leaf | 70.00 |
| 5150 | Colour Call CCI scroller | 1,210.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

* For further details, see page 31



ALTO F WITH BARNDOORS

ALTO™
 2000W

- Powerful 2000W high-specification theatre fixtures
- Designed for long throws in larger venues and concert halls
- Lightweight body
- Rotatable gate assembly with ellipsoidals
- Top and bottom hinged access doors for ellipsoidal lens cleaning
- Ellipsoidals fitted with adjustable cranked yoke for space-saving when mounted on an over-stage bridge
- Supplied in two-tone black/gray finish with color frame, mounting yoke with C-clamp, and 5' (1.5m) power cable with bare leads or connector specified
- Can be used for 220V operation at 2500W or 2000W

Alto F

High-power Fresnel spotlight giving an intense soft-edged beam. Front and rear screw-action focus provides a variable beam spread between 7° and 57°. Optional barndoors. Supplied with color frame and C-clamp.

W 2000W V 120V ◀ 7° - 57° 21.4lbs. (9.7kg) * 87 FC (935 lux) ◀ 65' (20m) X 9.6" x 9.6" (245 x 245mm) 26lbs. (11.7kg) 3.53 Cu.ft. (0.1m3) ✓ EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---------------------------|---------|
| 12101 | Alto F, 2000W, bare leads | 585.00 |

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 spread between 4° and 57°. Optional barndoors. Supplied with color frame and C-clamp.

W 2000W V 120V ◀ 4° - 57° 26.5lbs. (12kg) * 144 FC (1550 lux) ◀ 65' (20m) X 9.6" x 9.6" (245 x 245mm) 31lbs. (14.1kg) 4 Cu.ft. (0.114m3) ✓ EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|----------------------------|---------|
| 12111 | Alto PC, 2000W, bare leads | 595.00 |



ALTO PC

Alto 8/16

Zoom ellipsoidal spotlight with peak/flat beam adjustment, and a variable beam spread from 8° to 16° for long throws. Lens adjustment is by sliding handles with lever locking operation. Supplied with color frame and C-clamp.

W 2000W V 120V ◀ 8° - 16° 37.5lbs. (17kg) * 93 FC (1000 lux) ◀ 80' (25m) X 9.6" x 9.6" (245 x 245mm) 52lbs. (23.7kg) 8.5 Cu.ft. (0.241m3) ✓ EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|------------------------------|----------|
| 12121 | Alto 8/16, 2000W, bare leads | 1,095.00 |

Alto 14/32

Zoom ellipsoidal spotlight with peak/flat beam adjustment, and a variable beam spread from 14° to 32° for middle distance throws. Lens adjustment is by sliding handles with lever locking operation. Supplied with color frame and C-clamp.

W 2000W V 120V ◀ 14° - 32° 37.5lbs. (17kg) * 82 FC (885 lux) ◀ 66' (20m) X 9.6" x 9.6" (245 x 245mm) 53lbs. (24kg) 8.2 Cu.ft. (0.231m3) ✓ EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|-------------------------------|----------|
| 12131 | Alto 14/32, 2000W, bare leads | 1,095.00 |

Alto 20/38

Zoom ellipsoidal spotlight with peak/flat beam adjustment, and a variable beam spread from 20° to 38° for shorter distance throws. Lens adjustment is by sliding handles with lever locking operation. Supplied with color frame and C-clamp.

W 2000W V 120V ◀ 20° - 38° 35lbs. (16kg) * 83 FC (890 lux) ◀ 50' (15m) X 9.6" x 9.6" (245 x 245mm) 47.8lbs. (21.7kg) 6.78 Cu.ft. (0.192m3) ✓ EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|-------------------------------|----------|
| 12141 | Alto 20/38, 2000W, bare leads | 1,095.00 |

Alto Accessories

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| CP92 | 2000W 120V lamp | POR |
| CP92 | 2000W 220V lamp | POR |
| CP91 | 2500W 220V lamp | POR |
| 18200 | Barndoor, 4-leaf rotatable (for F & PC) | 76.00 |
| 18203 | Additional Color Frame 9.6" x 9.6" (245mm x 245mm) | 11.00 |
| 18201 | Drop in iris, 18-leaf (for ellipsoidals) | 325.00 |
| 18202 | Pattern holder (for ellipsoidals) | 18.00 |
| 5151 | Colour Call* scroller 2/5k | 2,560.00 |
| 82001 | Safety cable, heavy duty | POA |

* For further details, see page 31



ALTO 20/38



ALTO 14/32



ALTO 8/16



TOCCATA 10/26 & TOCCATA 15/38

TOCCATA™ ★ NEW ★
 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
- Unique, articulated yoke with "Compact" element supplied as standard.
- Compact and lightweight
- Fully rotatable gate
- Supplied in two-tone black/gray finish with color frame, mounting yoke with C-clamp, and detachable 5' (1.5m) power cable with bare leads or connector specified
- Versions also available for 120V, 2000W operation

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 yoke, fully rotatable gate. Supplied with color frame and C-clamp

W 2500W **V** 220V (**W** 2000W **V** 120V) **◀** 10° - 26°
■ 45.1lbs. (20.5kg) **✱** 89 FC (976 lux) **◀** 82.5' (25m) **✕** 9.6" x 9.6" (245 x 245mm) **⊕** A **■** 63lbs. (29kg) **■** 9.06 Cu.ft. (0.258m3) **✓** EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--------------------------------|---------|
| 12150 | Toccata 10/26, bare leads 220V | 1376.00 |
| 12151 | Toccata 10/26, bare leads 120V | 1376.00 |

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 yoke, fully rotatable gate. Supplied with color frame and C-clamp

W 2500W **V** 220V (**W** 2000W **V** 120V) **◀** 15° - 38°
■ 43.56lbs. (19.8kg) **✱** 80 FC (875 lux) **◀** 66' (20m) **✕** 9.6" x 9.6" (245 x 245mm) **⊕** A **■** 56.1lbs. (25.5kg) **■** 8.39 Cu.ft. (0.237m3) **✓** EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--------------------------------|---------|
| 12160 | Toccata 15/38, bare leads 220V | 1376.00 |
| 12161 | Toccata 15/38, bare leads 120V | 1376.00 |



CADENZA EP WITH MOTOR DISC HOUSING, EFFECTS DISC AND OBJECTIVE LENS

Toccata Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| CP92 | CP92 Lamp, 2000W, 220V | POR |
| CP91 | CP91 Lamp, 2500W, 220V | POR |
| CP92 | CP92 Lamp, 2000W, 120V | POR |
| 18202 | Pattern Holder | 18.00 |
| 18203 | Additional color frame 9.6" x 9.6" (245mm x 245mm) | 11.00 |
| 18207 | Bridge fork section | 25.00 |
| 18208 | Compact fork section | 25.00 |
| 18209 | Toccata 24-leaf Iris | 345.00 |
| 82001 | Safety cable, heavy duty | POA |

CADENZA™ EP
 2000W EFFECTS PROJECTOR

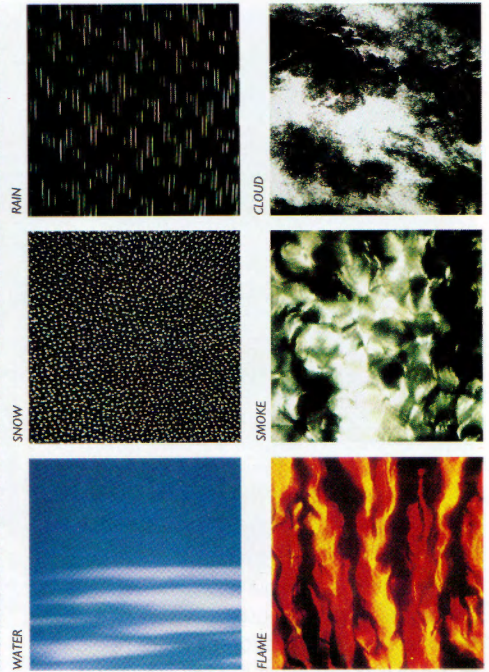
- Powerful luminaire for projection of moving effects onto the acting area or background
- 3-lens condenser optical system with glass heat filter
- Supplied in black with braced mounting yoke, C-clamp and 5' (1.5m) power cable with bare leads or connector specified
- Requires moving effects attachment and objective lens
- Can be used for 220V operation

Cadenza EP

Effects projector housing using a 2000W tungsten halogen lamp. A complete moving effects projector requires a Cadenza EP, with accessory effects motor and disc housing, choice of objective lens and choice of effects disc. The beam can be shaped by an adjustable mask accessory, and may be re-directed by use of a diverter mirror.

W 2000W **V** 120V **■** 32lbs. (14.5kg) **◀** 13' - 33' (4 - 10m)
■ 37lbs. (16.7kg) **■** 5 Cu.ft. (0.141m3) **✓** EN 60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 2276 | Cadenza EP Effects projector, bare leads | 1,895.00 |


Cadenza EP Moving Effects Attachments

A complete moving effects attachment requires one motor and disc housing and a chosen effects disc.

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 1359 | Effects motor and disc housing (required for all effects discs) | 2,800.00 |
| 1290 | Flame effect disc | 695.00 |
| 1291 | Smoke effect disc | 695.00 |
| 1292 | Snow effect disc | 695.00 |
| 1293 | Running water effect disc | 695.00 |
| 1294 | Storm clouds effect disc | 695.00 |
| 1295 | Rain cloud effect disc | 695.00 |
| 1296 | Fleecy clouds effect disc | 695.00 |
| 1297 | Thunder clouds effect disc | 695.00 |
| 1988 | Effects housing flight case | 230.00 |
| 1989 | Disc flight case | 230.00 |

Cadenza EP Objective Lenses & Accessories

An objective lens includes a mounting assembly

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 1190 | 15cm (6") Narrow angle Objective lens | 708.00 |
| 1191 | 10cm (4") Medium angle Objective lens | 708.00 |
| 1192 | 6.5cm (2 1/2") Wide angle Objective lens | 708.00 |
| 1194 | Adjustable metal mask | 71.00 |
| 1195 | Beam diverter mirror | 195.00 |
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| CP43 | 2000W 120V lamp | POR |
| FTM | 2000W 220V lamp | POR |
| 1500 | Safety cable, 18" (457mm) | 4.00 |



RIPPLE EFFECTS UNIT

TUBULAR RIPPLE EFFECTS UNIT 1000W

- Non-focusable ripple effects unit for hanging or ground use
- For creating impression of water ripple
- Tubular ripple effect is a self-contained 1000W unit using a linear tungsten halogen lamp
- Supplied with color frame, adjustable base (for cyclorama lighting) and power cable with bare leads or connector specified
- Versions also available for 220V operation

Tubular Ripple Effect

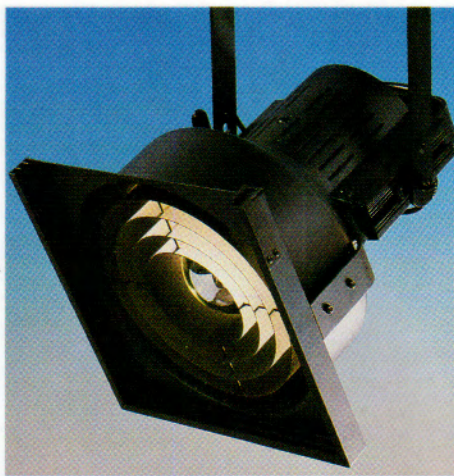
Self-contained light source and motorized ripple drum unit, designed to give a wide coverage of gently rippling shafts of light on a cyclorama or backing. Effect is reversible.

W 1000W V 120V H 26.5lbs. (12kg) D 7' (2m)

| Part No. | Description | MSRP \$ |
|----------|-----------------------------------|----------|
| 2277 | Tubular Ripple Effect, bare leads | 2,595.00 |

Tubular Ripple Accessories

| Part No. | Description | MSRP \$ |
|------------|-----------------------------|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| 1000T3Q/CL | 1000W 120V lamp | POR |



BEAMLITE 1000

BEAMLITE™ LOW-VOLTAGE BEAM PROJECTOR 1000W 24V

- Low-voltage, high-intensity narrow beam spread projector
- Ideal for 'near parallel' lighting effect in larger venues, or as a soft-edged followspot
- Compact housing with integral toroidal transformer
- Integral spill rings
- Beam adjustment by means of convenient rear knob
- Automatic reset overload protection included for transformer
- Uses 24V crown-silvered lamp
- Supplied in black finish with color frame, mounting yoke with C-clamp, and 5' (1.5m) power cable with bare leads or connector specified
- Versions also available for 220V operation

Beamlite 1000

Narrow-angle low-voltage beam projector for throws of 80' to 100'. Supplied with integral transformer, color frame and C-clamp.

W 1000W V 120V (integral 24V transformer) C 7° H 37.5lbs. (17kg) * 220 FC (2350 lux) D 80' (24m) X 14.4" x 14.4" (365 x 365mm) I 50lbs. (22.9kg) Q 4.9 Cu.ft. (0.139m3) ✓ IEC 65 Class 2, BS 415 Class 2, VDE 0550 Class 2, EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|----------------------------|---------|
| 13021 | Beamlite 1000W, bare leads | 984.00 |

Beamlite Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| 45002 | 1000W 24V, K39d base, Crown-silvered lamp | POR |
| 18302 | Additional color frame | 18.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

PAR 64 1000W

- Holder for Par 64 lamp
- Ideal for long throw applications
- Wide choice of lamps for varying beam requirements
- Supplied in black finish with color frame, mounting yoke with C-clamp, and 3' (0.9m) power cable with bare leads or connector specified
- Can be used for 220V operation

Par 64 Holder

Sturdy steel holder for all Par 64 1000W lamps. Supplied with color frame and C-clamp.

W 1000W V 120V C (FFN) 10° x 24° H 8.8lbs. (4kg) * (FFN) 160 FC (1778 lux) D 50' (15m) X 10 1/8" x 10 1/8" (258 x 258mm) I 11lbs. (5kg) Q 1.75 Cu.ft. (0.05m3)

| Part No. | Description | MSRP \$ |
|----------|---------------------------|---------|
| 4757 | Par 64 holder, bare leads | 69.00 |

Par 64 Holder Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| FFN | 1000W 120V, VN5P lamp | POR |
| FFP | 1000W 120V, NSP lamp | POR |
| FFR | 1000W 120V, MFL lamp | POR |
| FFS | 1000W 120V, WFL lamp | POR |
| EXC | 1000W 220V, VN5P lamp | POR |
| EXD | 1000W 220V, NSP lamp | POR |
| EXE | 1000W 220V, MFL lamp | POR |
| EXG | 1000W 220V, WFL lamp | POR |
| CP95 | 1000W 220V, EWFL lamp | POR |
| 1110 | Additional color frame (10 1/8" x 10 1/8") | 8.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |



FRESNELITE 6"



FRESNELITE 8"

**FRESNELITE®
1000W & 2000W**

- High-output inexpensive Fresnels
- Lightweight extruded aluminum body
- 500W - 750W - 1000W and 1000W - 1500W - 2000W models
- Vented lens door
- Smooth and concise spot-to-flood adjustment
- All handles thermally insulated
- Barndoor optional extra
- Bi-post socket version available. Ideal for small television studios particularly low-power, educational and in-house commercial and industrial facilities
- Supplied in black finish with mounting yoke, C-clamp, and 3' (0.9m) power cable with bare leads or connector specified
- Can be used for 220V operation (except for 3480. 120V only)
- UL/CSA approved

Fresnelite 6"

Powerful Fresnel spotlight with a smooth, soft-edged beam. In two versions: with medium pre-focus socket, or bi-post (TV) socket. Uses 500W, 750W and 1000W lamps. Supplied with C-clamp.

1000W 120V 13° - 65° 10.5lbs. (4.8kg) * 194 FC (2160 lux) 30' (9m) 7.5" x 7.5" (190 x 190mm) 14lbs. (6.3kg) 2.37 Cu.ft. (0.067m³) UL, CSA

| Part No. | Description | MSRP \$ |
|----------|---------------------------------------|---------|
| 3380 | Fresnelite, 6" Fresnel | 240.00 |
| 3380TV | Fresnelite, 6" Bi-post socket Fresnel | 240.00 |

Fresnelite 8"

Powerful Fresnel spotlight with a smooth, soft-edged beam. In two versions: with medium pre-focus socket, or bi-post (TV) socket. Uses 1000W, 1500W and 2000W lamps. Supplied with C-clamp.

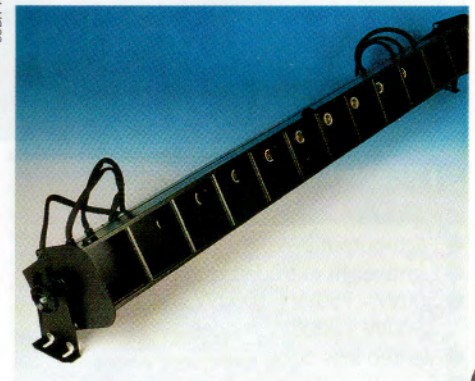
2000W 120V 14° - 68° 17lbs. (7.7kg) * 165 FC (1830 lux) 50' (15m) 10 1/8" x 10 1/8" (257 x 257mm) 21lbs. (9.5kg) 4 Cu.ft. (0.11m³) UL, CSA

| Part No. | Description | MSRP \$ |
|----------|---------------------------------------|---------|
| 3480 | Fresnelite, 8" Fresnel | 360.00 |
| 3480TV | Fresnelite, 8" Bi-post socket Fresnel | 360.00 |

Fresnelite Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) 3380/3380TV only | 24.00 |
| BTM | 500W 120V lamp, for 3380 | POR |
| BTN | 750W 120V lamp, for 3380 | POR |
| BTR | 1000W 120V lamp, for 3380 | POR |
| CP52 | 1000W 220V lamp, for 3380 | POR |
| EGN | 500W 120V lamp, for 3380TV | POR |
| EGR | 750W 120V lamp, for 3380TV | POR |
| EGT | 1000W 120V lamp, for 3380TV | POR |
| CP40 | 1000W 220V lamp, for 3380TV | POR |
| BVT | 1000W 120V lamp, for 3480 | POR |
| CWZ | 1500W 120V lamp, for 3480 | POR |
| BVW | 2000W 120V lamp, for 3480 | POR |
| CYV | 1000W 120V lamp, for 3480TV | POR |
| CXZ | 1500W 120V lamp, for 3480TV | POR |
| CYX | 2000W 120V lamp, for 3480TV | POR |
| FKK | 2000W 220V lamp, for 3480TV | POR |
| I108 | Color frame, 6" Fresnelite | 5.00 |
| I110 | Color frame, 8" Fresnelite | 8.00 |
| I332 | High hat, 6" Fresnelite | 18.00 |
| I333 | High hat, 8" Fresnelite | 28.00 |
| I350 | Accessory Safety clip, 6" Fresnelite | 7.00 |
| I358 | Accessory Safety clip, 8" Fresnelite | 7.00 |
| I406 | Barndoor 8-way, 6" Fresnelite | 75.00 |
| I408 | Barndoor 8-way, 8" Fresnelite | 100.00 |
| 5150 | Colour Call CC1 scroller | 1210.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

* For further details, see page 31



CODA™ FLOODLIGHT 500W

- One, three, and four compartment cyclorama floodlights with exceptionally smooth asymmetric distribution
- For even coverage of backdrops and cycloramas
- Can be mounted very close to cycloramas
- Supplied in black finish with integral wireguard, color frame, yoke and one 3' (1m) cable per compartment with bare leads or connector specified per compartment
- C-clamp(s) required for hanging
- Versions also available for 220V operation
- Can be used as groundrow

Coda 500

One, three, or four compartment units for even lighting from top or bottom of up to 20' (6m) high cycloramas when used 5' (1.5m) from backdrop, and on 5' (1.5m) centers. One-light Coda requires one C-clamp for hanging. Three and four-light Codas require 2 C-clamps for hanging. Each compartment supplied with a color frame.

W 500W V 120V ◀ 66° ■ 8/18/22lbs.* (3.75/8.1/10.1kg*)
 X 8.5" x 9.5" (215 x 240mm) □ 10/21/27.5lbs.* (4.6/9.7/12.5kg*)
 ▣ 1.05/2.75/3.6 Cu.ft.* (0.03/0.078/0.102m3) ✓ EN60 598 2-17
 * refers to 1/3/4 compartments

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 5801 | One-light, one-circuit Coda 500W cyclight, bare leads | 185.00 |
| 5803 | Three-light, three-circuit Coda 500W cyclight, 3-bare leads | 490.00 |
| 5804 | Four-light, four circuit Coda 500W cyclight, 4-bare leads | 585.00 |

Coda Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (20A) * | 24.00 |
| add HGP | Add for HGP connector (20A) * | 29.00 |
| add GTL | Add for GTL connector (20A) * | 24.00 |
| add GR | Add for GR connector (15A) * | 24.00 |
| FDN | 500W 120V lamp* | POR |
| I 152 | Additional color frame | 20.00 |
| I247 | Wireguard & holder for Safety Glass | 22.00 |
| I555 | Standard 2" (51mm) pipe C-clamp, with stud (required for hanging) ** | 10.00 |
| I500 | Safety cable, 18" (457mm) | 4.00 |

*one required for each compartment
 ** two required for 3 & 4 light units

PORTABLE BORDERLIGHT 150W, 250W, 300W

- Efficient, versatile portable 12-light unit for toning and blending of acting areas, lighting drops and cycloramas
- For pipe, ceiling or floor mounting
- Available in three or four color circuits
- Large choice of R and PAR lamps including the 4,000-hour 250W PAR-38 tungsten-halogen lamp
- Rugged black steel housing with aluminum endplates, compartmentalized against light leaks
- Spring hinged door for easy re-lamping and servicing
- Supplied in black with 1 1/2' (0.4m) power cables with bare leads or connectors specified for interconnection of units
- UL approved

Portable Borderlight

Twelve-light compartmentalized unit for pipe, ceiling or floor mounting. Units are factory wired with pigtailed with input and output pigtailed installed to order (male and female pair per circuit). Red, blue, green, amber and clear roundels are available.

W 300W V 120V ◀ 66° ■ 36lbs. (16.3kg) X 7.5" x 7.5" (190 x 190mm) □ 40lbs. (18kg) ▣ 4.64 Cu.ft. (0.13m3) ✓ UL

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 5276 | Portable Borderlight, 3-circuit, bare leads | 320.00 |
| 5286 | Portable Borderlight, 4-circuit, bare leads | 335.00 |

Portable Borderlight Accessories

| Part No. | Description | MSRP \$ |
|-----------|---|---------|
| add GP | Add for GP connectors (20A) (male/female pair per circuit) | 48.00 |
| add GTL | Add for GTL connectors (20A) (male/female pair per circuit) | 48.00 |
| add GR | Add for GR connector (15A) (male/female pair per circuit) | 48.00 |
| 300R40/SP | 300W 120V lamp (spot beam) | POR |
| 300R40/FL | 300W 120V lamp (flood beam) | POR |
| I250 | Combination roundel holder (Required) | 8.00 |
| I528 | Set of castored trunnions, 5276, 5286 | 64.00 |
| I245 | Stippled roundel, Clear | 10.00 |
| I245A | Stippled roundel, Amber | 10.00 |
| I245B | Stippled roundel, Blue | 10.00 |
| I245G | Stippled roundel, Green | 10.00 |
| I245R | Stippled roundel, Red | 10.00 |
| I255 | 55° Spread Roundel, Clear | 10.00 |
| I255A | 55° Spread Roundel, Amber | 10.00 |
| I255B | 55° Spread Roundel, Blue | 10.00 |
| I255G | 55° Spread Roundel, Green | 10.00 |
| I255R | 55° Spread Roundel, Red | 10.00 |



IRIS™

**CYCLORAMA LIGHT
1000W, 1500W PER COMPARTMENT**

- Top-mounting cyclorama lighting range
- Ideal for TV studios, Motion Picture Sound Stages & theatrical cycloramas
- Exceptionally even beam distribution over 23' (7m) high cycloramas
- Split yoke version gives even distribution for cycloramas higher than 23' (7m)
- 1, 2, 3 and 4-light versions
- PO version available with Pole Operation of tilt angle
- Supplied in black finish with wireguard (3mm), color frame, mounting yoke with C-clamp, 3' (1m) power cable with bare leads or connectors specified for each compartment
- Versions also available for 220V operation

Iris 1

Single compartment 1-circuit cyclight. TV version has manual adjustment of tilt angle. PO version has remote Pole Operation of tilt angle. Supplied with 3' (1m) power cable, wire guard, color frame and C-clamp.

☑ 1500W ☑ 120V ☑ 18.7lbs. (8.5kg) * 140 FC (1500 lux)
 ◀ 10' (3.3m) ✕ 16" x 12.25" (406 x 311mm) ☑ 30.9lbs. (14kg)
 ☑ 4.7 Cu.ft. (0.133m³) ✓ UL, EN60598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 5911TV | Iris 1 Cyclight, bare leads | 350.00 |
| 5911PO | Iris 1 Pole Operated (Tilt only) Cyclight, bare leads | 495.00 |

Iris 2

Double compartment 2-circuit cyclight. TV version has manual adjustment of tilt angle. PO version has remote Pole Operation of tilt angle. The split yoke version (SP) enables two vertical compartments to be set at different angles. Supplied with wire guard, color frame and one 3' (1m) power cable for each compartment.

☑ 1500W ☑ 120V ☑ 34.2lbs. (15.5kg) * 140 FC (1500 lux) per compartment
 ◀ 10' (3.3m) ✕ 16" x 12.25" (406 x 311mm)
 ☑ 48.5lbs. (22kg) ☑ 6.8 Cu.ft. (0.193m³) ✓ UL, EN60598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 5912TV | Iris 2 Cyclight, bare leads | 695.00 |
| 5912PO | Iris 2 Pole Operated (tilt only) Cyclight, bare leads | 865.00 |
| 5912SP | Iris 2 Split Yoke Pole Operated (tilt only) Cyclight, bare leads | 1,065.00 |

Iris 3

Three compartment 3-circuit horizontal cyclight. TV version has manual adjustment of tilt angle. PO version has remote Pole Operation of tilt angle. Supplied with wire guard, color frame and one 3' (1m) power cable for each compartment.

☑ 1500W ☑ 120V ☑ 49.6lbs. (22.5kg) * 140 FC (1500 lux) per compartment
 ◀ 10' (3.3m) ✕ 16" x 12.25" (406 x 311mm)
 ☑ 62.8lbs. (28.5kg) ☑ 8.3 Cu.ft. (0.235m³) ✓ UL, EN60598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 5913TV | Iris 3 Cyclight, bare leads | 975.00 |
| 5913PO | Iris 3 Pole Operated (tilt only) Cyclight, bare leads | 1,526.00 |



IRIS 1 PO



IRIS 4 PO

Iris 4

Four compartment (2 over 2) 4-circuit cyclight. TV version has manual adjustment of tilt angle. PO version has remote Pole Operation of tilt angle. The split yoke version (SP) allows each pair of units to be set at different angles. Supplied with wire guard, color frame and one 3' (1m) power cable for each compartment.

☑ 1500W ☑ 120V ☑ 62.8lbs. (28.5kg) * 140 FC (1500 lux) per compartment
 ◀ 10' (3.3m) ✕ 16" x 12.25" (406 x 311mm)
 ☑ 80.5lbs. (36.5kg) ☑ 10.3 Cu.ft. (0.291m³)
 ✓ UL, EN60598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 5914TV | Iris 4 Cyclight, bare leads | 1,280.00 |
| 5914PO | Iris 4 Pole Operated (tilt only) Cyclight, bare leads | 1,430.00 |
| 5914SP | Iris 4 Split Yoke Pole Operated (tilt only) Cyclight, bare leads | 1,580.00 |

Iris Accessories

| Part No. | Description | MSRP \$ |
|----------|-------------------------------|---------|
| add GP | Add for GP connector (20A) * | 24.00 |
| add HGP | Add for HGP connector (20A) * | 29.00 |
| add GTL | Add for GTL connector (20A) * | 24.00 |
| add GR | Add for GR connector (15A) * | 24.00 |
| FFT | 1000W 120V lamp* | POR |
| FDB | 1500W 120V lamp* | POR |
| FGT | 1500W 120V lamp (frosted) * | POR |
| I238A | Additional wireguard (3mm) * | 55.00 |
| I151 | Additional color frame* | 40.00 |
| I500 | Safety cable, 18" (457mm) | 4.00 |

* One required for each compartment



ORION I



IADI CYC



PULSAR WITH BARNDOORS

ORION™ GROUNDROW 500W, 750W, 1000W

- Floor-standing, high quality groundrow unit
- For even coverage of cycloramas in TV studios and Motion Picture Sound Stages
- Single units with unique hinge arrangement for straight or curved grouping
- Uses 500W, 750W or 1000W lamp
- Supplied in black with wireguard and color frame, 3' (1m) power cable with bare leads or connector specified
- Can be used for 220V operation

Orion

Single compartment floor-standing cyclight. Supplied with color frame and 3' (1m) power cable.

1000W 120V 10lbs. (4.5kg) * 300 FC (3200 lux)
4' (1.2m) x 10" x 11.5" (245 x 290mm) 12lbs. (5.4kg)
1 Cu.ft. (0.028m3) EN 60598 2-17

| Part No. | Description | MSRP \$ |
|----------|-----------------------------|---------|
| 5940 | Orion groundrow, bare leads | 370.00 |

Orion Accessories

| Part No. | Description | MSRP \$ |
|----------|-----------------------------|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| FDL | 500W 120V lamp | POR |
| EJG | 750W 120V lamp | POR |
| EMF | 800W 220V lamp | POR |
| EME | 800W 220V lamp (frosted) | POR |
| FCM | 1000W 120V lamp | POR |
| FHM | 1000W 120V lamp (frosted) | POR |
| P2/28 | 1000W 220V lamp | POR |
| I122 | Additional Wireguard | 38.00 |
| I157 | Additional color frame | 40.00 |

IADI™ FILL & CYC LIGHTS 1000W

- Compact, high power fill and cyc lights
- Ideal for small video and TV studios and on location
- Iadi Fill also featured in Location Kit #3
- Uses 500W, 750W or 1000W lamp
- Yoke has 5/8" (16mm) female socket for stand mounting or optional C-clamp
- Supplied in black finish with wireguard, integral barndoors (with gel clips) and 12' (3.7m) power cable with in-line switch and molded GR connector
- Can be used for 220V operation



IADI FILL

Iadi Fill 1000W

A fill light for use in video and television. Fitted with a symmetrical reflector for a wide angle, even beam. Supplied with yoke with 5/8" (16mm) socket, wireguard, barndoors, 12' (3.7m) power cable with in-line switch and molded GR connector. Optional reflectors available for barndoors. Iadii is recommended as a kit light. See page 17 for further details.

1000W 120V 73° 5lbs. (2.3kg) * 86 FC (925 lux)
10' (3m) 6lbs. (2.7kg) 0.35 Cu.ft. (0.01m3)
EN 60598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 4523 | Iadi Fill, 1000W Floodlight, GR connector | 275.00 |

Iadi Cyc 1000W

A small and versatile cyclorama unit with an asymmetrical reflector and full range of accessories. Supplied with yoke with 5/8" (16mm) socket, wireguard, barndoors, 12' (3.7m) power cable with in-line switch and molded GR connector.

1000W 120V 98° 5.3lbs. (2.3kg) * 320 FC (3400 lux)
15' (5m) 6lbs. (2.7kg) 0.35 Cu.ft. (0.01m3)
EN 60598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 5925 | Iadi Cyc, 1000W Cyclight, GR connector | 258.00 |

Iadi Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| FDL | 500W 120V lamp | POR |
| EJG | 750W 120V lamp | POR |
| EMF | 800W 220V lamp | POR |
| FCM | 1000W 120V lamp | POR |
| P2/28 | 1000W 220V lamp | POR |
| I248A | Double Scrim | 35.00 |
| I249A | Single Scrim | 35.00 |
| I285A | Dichroic Filter | 95.00 |
| I286A | Set of 4 reflector panels, for Iadi Fill | 75.00 |
| I287A | Opaline Glass, for Iadi Fill | 40.00 |
| I558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| I500 | Safety cable, 18" (457mm) | 4.00 |

PULSAR™ 600W

- Lightweight and compact open-faced floodlight with wireguard
- Designed for portable and video lighting
- Variable beam from 21° to 71°
- Cool heat-resistant polyester/glass fiber fixture housing with red/orange finish
- Range of accessories available
- Featured in Flight Kits. See page 17.
- Yoke has 5/8" (16mm) female socket for stand mounting or optional C-clamp
- Supplied with 12' (3.7m) power cable with in-line switch and molded GR connector
- Can be used for 220V operation
- Integral accessory holder

Pulsar

Compact, portable 600W floodlight with a strong and lightweight heat-resistant polyester/glass fiber housing. Variable beam focus control knob at the rear of the unit. Supplied with 12' (3.7m) cable with in-line switch and molded GR connector and integral accessory holder.

600W 120/220V 21°-71° 3.6lbs. (1.64kg) * 369 FC (3970 lux)
10' (3m) 4.375" (110mm) dia. 4lbs. (1.8kg)
0.28 Cu.ft. (0.008m3) EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|----------------------|---------|
| 4515MP | Pulsar, GR connector | 225.00 |

Pulsar Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| DYS | 600W 120V lamp | POR |
| DYR | 650W 220V lamp | POR |
| I310 | Barndoor, 4-leaf rotating | 40.00 |
| I133 | Color frame | 10.00 |
| I278 | Safety glass in mount | 20.00 |
| I281 | Daylight Dichroic filter in mount | 125.00 |
| I225 | Full double scrim (50% transmission) | 13.00 |
| I226 | Full single scrim (66% transmission) | 13.00 |
| I227 | Half double scrim | 11.00 |
| I228 | Half single scrim | 11.00 |
| I558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| I529 | Lightweight stand with 5/8" (16mm) spigot | 70.00 |
| I963 | Small gaffer grip with 5/8" (16mm) spigot | 37.00 |

**IANEBEAM™
REDHEAD™
650W & 1000W**

- Lightweight and compact open-faced floodlights
- Ideal for location and video lighting
- Quick and easy to use focus control
- Heat-resistant polyester/glass fiber fixture housing in orange finish
- Wide range of accessories available
- Featured in Location Kits. See page 17.
- Yoke has 5/8" (16mm) female socket for stand mounting or optional C-clamp
- Supplied with 12' (3.7m) power cable with in-line switch, and molded GR connector
- 650W can be used for 220V operation

lanebeam Redhead 650W

Lightweight and powerful open-faced fill light constructed from heat-insulating glass fiber reinforced polyester, with an easy-use focusing mechanism for varying beam angles (42°- 82°) with even light distribution. Supplied with yoke with 5/8" (16mm) socket, and 12' (3.7m) power cable with in-line switch and molded GR connector. Accessory holder required for accessories marked (*).

W 650W V 120/220V K 42°- 82° M 2.9lbs. (1.3kg) * 83 FC (900 lux) D 20' (6m) I 3.4lbs. (1.5kg) S 0.28 Cu.ft. (0.008m³) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|-----------------------------|---------|
| 4501MP | lanebeam 650W, GR connector | 185.00 |

lanebeam Redhead 1000W

Lightweight and powerful open-faced fill light constructed from heat-insulating glass fiber reinforced polyester, with an easy-use focusing mechanism for varying beam angles (34°- 72°) with even light distribution. Supplied with yoke with 5/8" (16mm) socket, and 12' (3.7m) power cable with in-line switch and molded GR connector. Accessory holder required for accessories marked (*).

W 1000W V 120V (only) K 34°- 72° M 2.9lbs. (1.3kg) * 103 FC (110 lux) D 20' (6m) I 3.4lbs. (1.5kg) S 0.28 Cu.ft. (0.008m³) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|------------------------------|---------|
| 4503MP | lanebeam 1000W, GR connector | 185.00 |

lanebeam Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| FDA | 400W 120V lamp (for 4501MP) | POR |
| FCB | 600W 120V lamp (for 4503MP) | POR |
| FBX | 650W 120V lamp (for 4501MP) | POR |
| DXX | 800W 220V lamp (for 4501MP) | POR |
| DXW | 1000W 120V lamp (for 4503MP) | POR |
| 1230 | Accessory holder (required for accessories below) | 55.00 |
| 1324 | Barndoor, 4-leaf rotating* | 40.00 |
| 1236A | Wire guard, 3mm* | 48.00 |
| 1279 | Safety glass in mount* | 40.00 |
| 1282 | Daylight Dichroic filter in mount* | 115.00 |
| 1216 | Full double scrim (50% transmission) * | 15.00 |
| 1217 | Full single scrim (66% transmission) * | 15.00 |
| 1218 | Half double scrim* | 13.00 |
| 1219 | Half single scrim* | 13.00 |
| 1558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| 1529 | Lightweight stand with 5/8" (16mm) spigot | 70.00 |
| 1963 | Small gaffer grip with 5/8" (16mm) spigot | 37.00 |

* Requires Part No. 1230 accessory holder

**IANEBEAM™
BLONDE™
2000W**

- Lightweight high-power variable beam floodlight
- Widely used for ENG, outside broadcast and location lighting
- Reflector focus control improves lamp life
- Wide range of accessories available
- Featured in Location Kit #6. See page 17.
- Yoke has 5/8" (16mm) female socket for stand mounting or optional C-clamp
- Supplied in yellow finish with 16' (5m) power cable with in-line switch
- Can be used for 220V operation

lanebeam Blonde 2000

Powerful open-faced floodlight with easy-use focusing mechanism for varying beam angles 23° to 75° with even light distribution. Supplied with integral accessory holder, yoke with 5/8" (16mm) socket, 16' (5m) power cable with in-line switch.

W 2000W V 120/220V K 23° - 75° M 8.5lbs. (3.85kg) * 125 FC (1340 lux) D 30' (9m) I 9.5lbs. (4kg) S 0.98 Cu. ft. (0.028m³) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|----------------------------------|---------|
| 4505MP | lanebeam Blonde 2000, bare leads | 375.00 |

Blonde Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| FER | 1000W 120V lamp | POR |
| DVV | 1500W 120V lamp | POR |
| FEY | 2000W 120V lamp | POR |
| FEX | 2000W 220V lamp | POR |
| 1325 | Barndoor, 4-leaf rotating | 60.00 |
| 1280 | Safety glass in mount, with 12mm wire guard | 60.00 |
| 1237A | Wireguard, 3mm | 55.00 |
| 1283 | Daylight dichroic filter | 240.00 |
| 1221 | Full double scrim (50% transmission) | 20.00 |
| 1222 | Full single scrim (66% transmission) | 20.00 |
| 1223 | Half double scrim | 18.00 |
| 1224 | Half single scrim | 18.00 |
| 1558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| 1535 | Large kit stand with 5/8" (16mm) spigot | 125.00 |
| 1964 | Gaffer grip (large) with 5/8" (16mm) spigot | 116.00 |

IANEBEAM REDHEAD WITH ACCESSORY HOLDER, WIREGUARD AND BARNDOORS



IANEBEAM BLONDE WITH BARNDOORS



MIZAR™ 200W & 500W/300W

- Smallest focusing Fresnel in the Quartzcolor range
- Ideal for situations where lighting detail, key light or special effects are required from a concealed source
- Two models available, 200W and 500W/300W
- 500W version is also featured in a number of Flight Kits and Location Kits. See page 17
- Two-part cast alloy body
- Wide range of accessories available
- Supplied in black finish with wireguard, special yoke for compact rigging with 5/8" (16mm) female socket, and 11.5' (3.5m) power cable with in-line switch and molded GR connector.
- 500W/300W version can be used for 220V operation

Mizar 200W Fresnel

Small 3" studio Fresnel. Supplied with wireguard, 11.5' (3.5m) power cable with in-line switch and molded GR connector.

W 200W V 120V K 14°-43° M 4lbs. (1.8kg) * 97 FC [spot] 27 FC [flood] (1044 lux [spot] 290 lux [flood]) L 12' (5m) X 4.375" dia. (110mm) dia. I 4.4lbs. (2kg) U 0.28 Cu.ft. (0.008m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|----------------------------------|---------|
| 3101ST | Mizar 200W Fresnel, GR connector | 325.00 |

Mizar 500W Fresnel

Small 3" 500W studio Fresnel for 300W or 500W lamp. Supplied with wireguard, 11.5' (3.5m) power cable with in-line switch and molded GR connector. This version is also recommended as part of a portable lighting kit - refer to page 17 for further details.

W 500W V 120/220V K 13°-46° M 4lbs. (1.8kg) * 236 FC [spot] 55 FC [flood] (2540 lux [spot] 600 lux [flood]) L 12' (5m) X 4.375" dia. (110mm) dia. I 4.4lbs. (2kg) U 0.28 Cu.ft. (0.008m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|----------------------------------|---------|
| 3102ST | Mizar 500W Fresnel, GR connector | 325.00 |

Mizar Accessories

| Part No. | Description | MSRP \$ |
|------------|---|---------|
| I00Q/CL/DC | 100W 120V lamp, for 3101ST | POR |
| I50Q/CL/DC | 150W 120V lamp, for 3101ST | POR |
| FEV | 200W 120V lamp, for 3101ST | POR |
| FKW | 300W 120V lamp, for 3102ST | POR |
| CP81 | 300W 220V lamp, for 3102ST | POR |
| FRG | 500W 120V lamp, for 3102ST | POR |
| FRF | 500W 120V lamp, for 3102ST | POR |
| CP82 | 500W 220V lamp, for 3102ST | POR |
| T18 | 500W 220V lamp, for 3102ST | POR |
| I133 | Color frame | 10.00 |
| I310 | Barndoor, 4-leaf rotating | 40.00 |
| I225 | Full double scrim (50% transmission) | 13.00 |
| I226 | Full single scrim (66% transmission) | 13.00 |
| I227 | Half double scrim | 11.00 |
| I228 | Half single scrim | 11.00 |
| I183 | Cone, variable 30/50/70mm | 45.00 |
| I963 | Small gaffer grip, 5/8" (16mm) spigot | 37.00 |
| I558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| I529 | Lightweight stand with 5/8" (16mm) spigot | 70.00 |

BAMBINO™ 5" FRESNEL 1000W

- Powerful compact 'Baby' size 1kW Fresnel
- Specifically designed for location lighting, rental applications and for situations where physical size is a problem
- Also featured in Location Kits. See page 17 for details.
- Uses 500W, 750W or 1000W lamps
- Supplied in black with wireguard, mounting yoke fitted with dual-purpose 1 1/8" (29mm) male spigot with 5/8" (16mm) female receiver, 23' (7m) power cable with in-line switch
- Can be used for 220V operation

Bambino 1000W Fresnel

Compact location 5" Fresnel. Supplied with wireguard, dual spigot, and 23' (7m) power cable with in-line switch. C-clamp required for hanging.

W 1000W V 120/220V K 9°-60° M 13.2lbs. (6kg) * 180 FC [spot], 30 FC [flood] (1940 lux [spot], 320 lux [flood]) L 20' (6m) X 7.25" dia. (180mm dia.) I 16.5lbs. (7.5kg) U 1.45 Cu.ft. (0.041m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--------------------------|---------|
| 3201ST | Bambino 1000W, bare ends | 435.00 |

Bambino 1000W Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| EGN | 500W 120V lamp | POR |
| CP39 | 650W 220V lamp | POR |
| EGR | 750W 120V lamp | POR |
| EGT | 1000W 120V lamp | POR |
| CP40 | 1000W 220V lamp | POR |
| I143 | Color frame | 18.00 |
| I306 | Barndoor, 8-way rotatable | 90.00 |
| I200 | Full double scrim (50% transmission) | 12.00 |
| I205 | Full single scrim (66% transmission) | 12.00 |
| I206 | Half double scrim | 10.00 |
| I207 | Half single scrim | 10.00 |
| I558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| I529 | Lightweight stand with 5/8" (16mm) spigot | 70.00 |
| I500 | Safety cable, 18" (457mm) | 4.00 |



MIZAR WITH BARNDOORS



BAMBINO 1000



KITS AND LOCATION KITS

FLIGHT KITS & LOCATION KITS

- Selection of luminaires and accessories in tough, durable cases, for lighting people who need to be mobile
- Developed specifically for ENG, Video and Motion Picture production vehicles
- A choice of 9 kits
- Lightweight and varied assortment to meet any requirement
- Designed for speedy set-up and knock-down
- Can be used for 220V operation (Except lanebeam 1000W)

Flight Kit #1

Containing 3 Pulsars, 3 barndoors, 2 scrim sets (2 each of full double, full single, half double, half single), 3 kit stands and a deluxe carrying case.

■ 28.5lbs. (12.9kg)

| Part No. | Description | MSRP \$ |
|----------|------------------------|----------|
| 3901 | Flight Kit 1, 120/220V | 1,500.00 |

Flight Kit #2

Containing 3 Mizars, 3 barndoors, 3 color frames, 2 scrim sets (2 each of full double, full single, half double, half single), 3 kit stands and a deluxe carrying case.

■ 35lbs. (15.9kg)

| Part No. | Description | MSRP \$ |
|----------|------------------------|----------|
| 3902 | Flight Kit 2, 120/220V | 1,675.00 |

Flight Kit #3

Containing 2 Pulsars, 1 Mizar, 3 barndoors, 1 color frame, 2 scrim sets (2 each of full double, full single, half double, half single), 3 kit stands and a deluxe carrying case.

■ 32.5lbs. (14.8kg)

| Part No. | Description | MSRP \$ |
|----------|------------------------|----------|
| 3903 | Flight Kit 3, 120/220V | 1,500.00 |

Location Kit #1

Containing 2 Bambino 1kW Fresnels, 2 lanebeams (1000W 120V only*), 4 barndoors, 2 accessory holders, 2 color frames (Bambinos), 4 scrim sets (2 each of full double, full single for each type), 4 kit stands and a deluxe carrying case with casters.

■ 70lbs. (31.7kg)

| Part No. | Description | MSRP \$ |
|----------|---------------------------|----------|
| 3904 | Location Kit 1, 120/220V* | 2,485.00 |

Location Kit #2

Containing 2 Bambino 1kW Fresnels, 2 Mizars, 4 barndoors, 4 color frames, 2 scrim sets (2 each of full double, full single for each type), 4 kit stands and a deluxe carrying case with casters.

■ 68.5lbs. (31kg)

| Part No. | Description | MSRP \$ |
|----------|--------------------------|----------|
| 3905 | Location Kit 2, 120/220V | 2,545.00 |

Location Kit #3

Containing 2 lanebeam Redheads (1000W 120V only*), 2 accessory holders, 2 barndoors, 2 scrim sets (2 each of full double, full single), 3 ladi Fill, 1 gaffer grip, 4 kit stands and a deluxe carrying case with casters.

■ 47.5lbs. (21.6kg)

| Part No. | Description | MSRP \$ |
|----------|---------------------------|----------|
| 3906 | Location Kit 3, 120/220V* | 2,385.00 |

Location Kit #4

Containing 4 lanebeam Redheads (1000W 120V only*), 4 accessory holders, 4 barndoors, 2 scrim sets (2 each of full double, full single), 4 kit stands and a deluxe carrying case with casters.

■ 42lbs. (19kg)

| Part No. | Description | MSRP \$ |
|----------|----------------------|----------|
| 3907 | Location Kit 4, 120V | 1,995.00 |

Location Kit #5

Containing 3 lanebeam Redheads (650W), 3 accessory holders, 3 barndoors, 2 scrim sets (2 each of full double and full single), 3 kit stands and a deluxe carrying case with casters.

■ 28.5lbs. (13kg)

| Part No. | Description | MSRP \$ |
|----------|--------------------------|----------|
| 3908 | Location Kit 5, 120/220V | 1,550.00 |

Location Kit #6

Containing 2 lanebeam 2000W Blondes, 2 barndoors, 1 scrim set (1 each of full double, full single, half double, half single), 2 kit stands and a deluxe carrying case with casters.

■ 48lbs. (22kg)

| Part No. | Description | MSRP \$ |
|----------|--------------------------|----------|
| 3909 | Location Kit 6, 120/220V | 1,565.00 |

*For further details of luminaires supplied with kits see pages 15 & 16

Flight & Location Kit Cases

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 1977 | Additional Flight case | 240.00 |
| 1978 | Additional Location case | 300.00 |
| 1979 | Additional Location case* | 300.00 |
| 1976 | Set of castors for Location case (for part no. 1978 & 1979) | 50.00 |

*For Location kit 3909 only



QUASAR™ 12
'PARLITE'
1200W DAYLIGHT

- Compact and powerful location PAR light
- Ideal for rental applications and Motion Picture and Television production
- High intensity HMI or CID PAR 64 sealed-beam source
- 5600K (HMI), 5500K (CID)
- Available with compact magnetic or electronic "flicker-free" ballast
- On/off illuminated push buttons for head or ballast operation
- Supplied in black finish with mounting yoke with dual-purpose 1 1/8" (29mm) male spigot with 5/8" (16mm) female receiver, set of 4 lens holders and 50' (15m) head extension cable
- Can be used for 220V operation with appropriate ballast

Quasar 1200 Daylight 'Parlite'

High intensity location 'Parlite' using either a 1200W HMI or CID Par 64 daylight source. Microswitch prevents lamp operating if the front section is open. Supplied with integral ignitor and on/off illuminated push buttons, yoke with dual spigot, set of four lens holders and 50' (15m) head extension cable.

W 1200W V 120/220V (depending on ballast used) ◀ 3°-21° [depending on lens used] ■ 19.8lbs. (9kg) * 180 FC (1940 lux) [medium lens] ◆ 60' (18m) □ 30.8lbs. (14kg) ■ 5.12 Cu.ft. (0.145m³) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 4532 | Quasar head, 50' (15m) head cable extension, 4 lens holders | 2,065.00 |

Quasar Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| HMI | 1200W Par 64 lamp, supplied with 4 lenses | POR |
| CID | 1200W Par 64 lamp, no lenses | POR |
| 3577 | Compact magnetic ballast, 1200W, 120V 60Hz | POA |
| 25031 | Electronic ballast, 1200/575W, 100-240V, 50/60Hz | POA |
| 1136 | Color frame, 10 ³ /16" (259mm) | 25.00 |
| 1277 | Additional lens holder | 60.00 |
| 1325 | Barndoor, 4-leaf rotating | 60.00 |
| 3572 | Head cable, 25' (7.5m) | 355.00 |
| 3574 | Additional head cable, 50' (15m) | 440.00 |
| 1553 | C-clamp for 1 1/8" (29mm) spigot | 66.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

REPORTERLIGHT™ 200W DAYLIGHT

- Compact, lightweight and very portable
- Designed for ENG and TV remotes
- Ideal for Motion Picture production van packages
- AC and battery version
- Hand-held, stand or camera mount
- Wide range of accessories
- Head supplied with safety glass, MSR lamp, 6' (2m) head cable, and mounting adapters
- Universal voltage

Reporterlight 200W Daylight

A range of high quality components that enable you to make up the kit that best suits your requirements. A special battery ballast with two pin adapter is available to work with other manufacturer's battery belts (**important:** check polarity first).

W 200W V universal ◀ 18°-55° ■ 2.9lbs. (1.2kg) * 135 FC (1450 lux) ◆ 25' (7.5m) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 3946 | 200W MSR Head, with lamp, barndoors, safety glass & mounting adapters | 1,395.00 |

Reporterlight 200W Accessories

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 3948 | AC electronic ballast, universal 120/220/240V 50/60Hz | 1,695.00 |
| 3950 | Battery electronic ballast for use with Strand batteries | 1,695.00 |
| 3959 | Battery electronic ballast (2-pin) for use with other manufacturer's battery belts (important: check polarity first) | 1,708.00 |
| 3951 | Battery (with shoulder strap), 30V 4A/Hr | 995.00 |
| 3952 | Battery belt, 30V 4A/Hr | 1,750.00 |
| 3953 | Battery charger for use with Strand ballasts | 695.00 |
| 3942 | Diffuser filter with holder | 55.00 |
| 3943 | Dichroic tungsten filter (5600K to 3200K) with holder | 95.00 |
| 3944 | Safety glass | 15.00 |
| 3958 | Head extension cable, 6.5' (5m) | 150.00 |
| 1977 | Lightweight case | 240.00 |

REPORTERLIGHT WITH ACCESSORIES

SUPER QUASAR™ 25/12
 FOCUSING 'PARLITE'
 2500W/1200W DAYLIGHT SE

- High efficiency parabolic reflector "par" location spotlight
- Ideal for long throw narrow beam applications and for exterior location lighting in Motion Picture and Television production
- Uses 2500W or 1200W single-ended HMI or MSR 5600K lamps
- High efficiency cooling system for extended lamp life
- Quick-release lamp socket for simple lamp change
- Focus adjustment for both 2500W and 1200W lamps
- On/off illuminated push buttons for head or ballast operation
- Supplied in black finish with mounting yoke with 1 1/8" (29mm) spigot, set of 4 lens holders, and 50' (15m) head extension cable
- Can be used for 220V operation with appropriate ballast

Super Quasar 25/12 SE 'Parlite'

High intensity location 'Parlite' using a 2500W or 1200W single-ended HMI or MSR daylight lamp. Microswitch prevents the lamp from operating when the front section is opened. Externally operated quick-release socket allows easy lamp change. Supplied with integral ignitor and pushbutton on/off controls, yoke with 1 1/8" (29mm) spigot, set of four lens holders and 50' (15m) head extension cable. For use with 1200W lamp, a 2500W to 1200W cable adapter and 1200W ballast are required.

W 2500W V 120/220V (depending on ballast used) ◀ 3°-46° (depending on lens used) ■ 34.1lbs. (15.5kg) * 100 FC (1100 lux) [using medium lens] ◆ 90' (27m) □ 48.4lbs. (22kg) ■ 5.8 Cu.ft. (0.165m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 24800 | Super Quasar 25/12 head, 50' (15m) head cable, 4 lens holders | 3,845.00 |

Super Quasar 25/12 Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| HMI | 1200W SE lamp | POR |
| HMI | 2500W SE lamp | POR |
| 3687 | Compact magnetic ballast, 2500W, 120V, 60Hz | POA |
| 25051 | Electronic ballast, 4000/2500W, 100-240V, 50/60Hz | POA |
| 28031 | Adapter for 1200W operation | POA |
| 3577 | Compact magnetic ballast, 1200W, 120V 60Hz | POA |
| 25031 | Electronic ballast, 1200/575W, 100-240V, 50/60Hz | POA |
| 1136 | Color frame, 103/16" (259mm) | 25.00 |
| 1277 | Additional lens holder | 60.00 |
| 28198 | Set of spreader lenses | POA |
| 1325 | Barndoor, 4-leaf rotating | 60.00 |
| 3682 | Head cable, 25' (7.5m) | 395.00 |
| 3682 | Additional head cable, 50' (15m) | 495.00 |
| 28032 | 2.5kW-4kW Adaptor cable | POA |
| 1553 | C-clamp for 1 1/8" (29mm) spigot | 66.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

SUPER QUASAR™ 40/25
 FOCUSING 'PARLITE'
 4000/2500W DAYLIGHT SE

- Extremely powerful location spotlight
- Designed for very long throw, narrow beam applications and for exterior location lighting in Motion Picture and Television production
- Uses 4000W or 2500W single-ended HMI or MSR 5600K lamps
- High efficiency cooling system for extended lamp life
- Quick-release lamp socket for simple lamp change
- Focus adjustment for both 4000W and 2500W lamps
- On/off illuminated push buttons for head or ballast operation
- Supplied in black finish with mounting yoke with 1 1/8" (29mm) spigot, set of 4 lens holders with spreader lenses and 50' (15m) head cable
- Can be used for 220V operation with appropriate ballast

Super Quasar 40/25 SE 'Parlite'

High intensity location 'Parlite' using a 4000W or 2500W single-ended HMI or MSR daylight lamp. Microswitch prevents the lamp operating if the front section is opened. Externally operated quick-release socket allows easy lamp change. Supplied with integral ignitor and pushbutton on/off controls, yoke with 1 1/8" (29mm) spigot, set of four 1 1/16" (29.5mm) diameter spreader lenses with holders and 50' (15m) head cable.

W 4000W V 120/220V (depending on ballast used) ◀ 4°-44° (depending on lens used) ■ 44lbs. (20kg) * 156 FC (1680 lux) [using medium lens] ◆ 90' (27.5m) □ 70.5lbs. (32kg) ■ 5.8 Cu.ft. (0.165m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 24900 | Super Quasar 40/25, 50' (15m) head cable, set of 4 lenses with holders. | 8,445.00 |

Super Quasar 40/25 Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| HMI | 2500W SE lamp | POR |
| HMI | 4000W SE lamp | POR |
| 3687 | Compact magnetic ballast, 2500W, 120V, 60Hz | POA |
| 3697 | Compact magnetic ballast, 4000W, 120V, 60Hz | POA |
| 25051 | Electronic ballast, 4000/2500W, 100-240, 50/60Hz | POA |
| 28032 | 2.5kW-4kW Adaptor cable (2500W Operation) | POA |
| 1145 | Color frame, 125/8" (324mm) | 35.00 |
| 29805 | Additional lens holder | 90.00 |
| 1301 | Barndoor, 8-leaf rotating, 125/8" (324mm) | 175.00 |
| 8784 | Head cable, 25' (7.5m) | 450.00 |
| 8782 | Additional head cable, 50' (15m) | 550.00 |
| 1553 | C-clamp for 1 1/8" (29mm) spigot | 66.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

Super Quasar 40/25 extension cables and pigtails are fitted with bayonet connectors. For use with old Quartzcolor laniro 4kW screw (threaded) connector cables and ballasts, the following adapters are available:

| Part No. | Description | MSRP \$ |
|----------|-------------------------------|---------|
| 3788 | Male bayonet to female thread | 275.00 |
| 3789 | Male thread to female bayonet | 275.00 |



SUPER QUASAR 25/12



SUPER QUASAR 40/25

SUPERNOVA 25/12™ ★NEW★ 10" DAYLIGHT FRESNEL 2500W / 1200W SE

- Compact, lightweight daylight fresnel
- Optimises benefits of 2500W and 1200W single ended HMI/MSR lamps
- Superior performance in wide angle settings
- High quality optical system
- New ignitor design ensures quiet operation with square wave electronic ballasts
- Easy access focus knob
- Quick release lampholder
- Many operational refinements
- Optional LED hour counter
- Can be used for 220V operation with appropriate ballast

Supernova 25/12

Compact and lightweight Motion Picture and Television HMI 10" Fresnel. Uses single ended 2500W HMI lamp. Supplied with color frame, wireguard, 8-leaf rotating barndoor, yoke with spigot, and 50' (15m) head cable

☑ 2500 ☑ 120V ☑ 7° - 60° ⚖ 36 lbs (16.3kg) ✱ 750 FC (8152 lux) [Spot] 81 FC (880 lux) [Flood] ⬆ 40' (12m) ⚙ 1 1/2" dia (343 mm dia) 📦 62.7lbs (28.5kg) 📦 9.2 Cu ft (0.261m3)
✓ EN60 598 2-17

| Part No | Description | MSRP \$ |
|---------|---|---------|
| 24147 | Supernova 2500W/1200W Head, 50' head cable, wireguard, color frame & barndoor | 3995.00 |

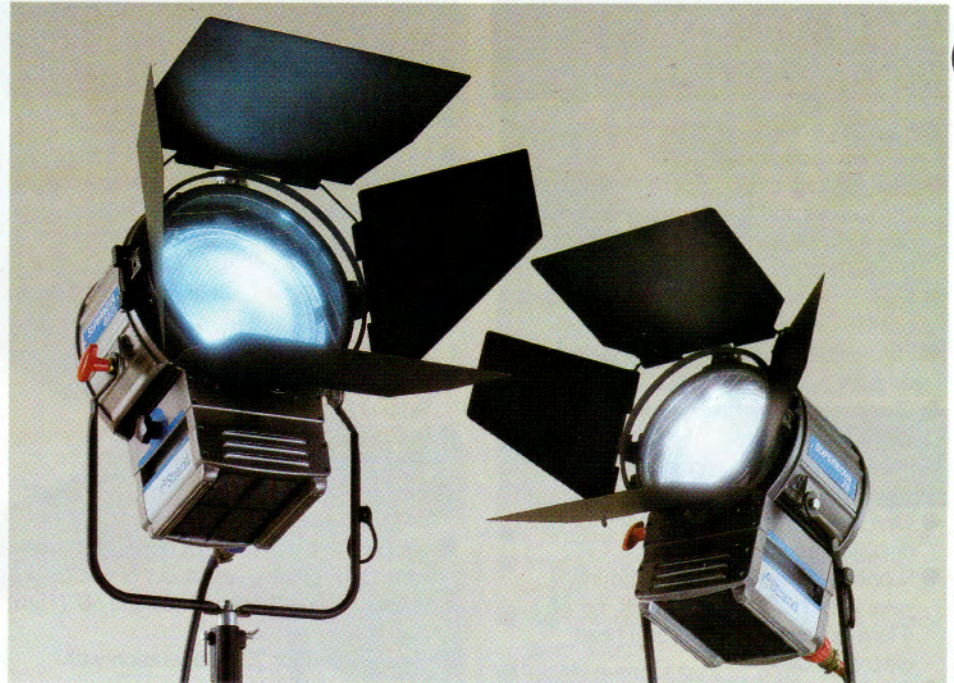
Supernova 25/12 Accessories

| Part No | Description | MSRP \$ |
|---------|--|---------|
| HMI | 1200W SE lamp | POR |
| HMI | 2500W SE lamp | POR |
| 3687 | Compact magnetic ballast, 2500W, 120V, 60Hz | POA |
| 25051 | Electronic ballast 4000/2500W, 100-240V, 50/60Hz | POA |
| 28220 | LED Hour counter | POA |
| 28031 | Adaptor cable for 1200W operation | POA |
| 3577 | Compact magnetic ballast, 1200W, 120V 60Hz | POA |
| 25031 | Electronic ballast, 1200/575W, 100-240V, 50/60Hz | POA |
| 1149 | Additional color frame, 1 1/2" | 35.00 |
| 1304 | Additional barndoor, 8-leaf rotating, 1 1/2" (343mm) | 175.00 |
| 3682 | Additional head cable, 25' (7.5m) | 395.00 |
| 3684 | Additional head cable, 50' (15m) | 495.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

Will also take other manufacturers 1 1/2" accessories

SUPERNOVA 40/25™ ★NEW★ 12" DAYLIGHT FRESNEL 4000/2500W SE

- Compact, lightweight daylight fresnel
- Optimises benefits of single ended HMI/MSR lamps
- High quality optical system
- Superior performance in wide angle settings
- New ignitor design ensures quiet operation with square wave electronic ballasts
- Quick release lampholder
- Easy access focus knob
- Many operational refinements
- Optional LED hour counter
- Can be used for 220V operation with appropriate ballast



Supernova 40/25

Compact and lightweight Motion Picture and Television HMI 12" Fresnel. Uses single ended 2500W or 4000W HMI lamp. Supplied with color frame, wireguard, 8-leaf rotating barndoor, yoke with spigot, and 50' (15m) head cable

☑ 4000W ☑ 120V ☑ 9° - 70° ⚖ 43lbs. (19.5kg) ✱ 572 FC (6217 lux) [Spot], 30 FC (326 lux) [flood] ⬆ 50' (15m) ⚙ 1 1/2" dia. (405mm dia) 📦 69.3lbs. (31.5kg) 📦 9.2 Cu.ft. (0.261m3) ✓ EN60 598 2-17

| Part No | Description | MSRP \$ |
|---------|---|---------|
| 24155 | Supernova 4000W/2500W Head, 50' head cable, wireguard, color frame & barndoor | 5495.00 |

Supernova 40/25 Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| HMI | 2500W SE lamp | POR |
| HMI | 4000W SE lamp | POR |
| 3697 | Compact ballast, 4000W, 120V, 60Hz | POA |
| 3687 | Compact magnetic ballast, 2500W, 120V, 60Hz | POA |
| 25051 | Electronic ballast 4000/2500W, 100-240V, 50/60Hz | POA |
| 28220 | LED Hour counter | POA |
| 1146 | Additional color frame | 40.00 |
| 1302 | Additional barndoor, 8-leaf rotating, 1 1/2" (400mm) | 175.00 |
| 1176 | Cone, 6.25" (155mm) | 150.00 |
| 1177 | Cone, 9" (225mm) | 150.00 |
| 1178 | Cone, 11" (275mm) | 150.00 |
| 1212 | Full double scrim (50% transmission) | 37.00 |
| 1213 | Full single scrim (66% transmission) | 37.00 |
| 1214 | Half double scrim | 30.00 |
| 1215 | Half single scrim | 30.00 |
| 8782 | Additional head cable, 25' (7.5m) | 450.00 |
| 8784 | Additional head cable, 50' (15m) | 550.00 |
| 28032 | Adaptor cable for 2500W operation | POA |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

Supernova 40/25 extension cables and pigtails are fitted with bayonet connectors. For use with old Quartzcolor laniro 4kW screw (threaded) connector cables and ballasts, the following adapters are available:

| Part No. | Description | MSRP \$ |
|----------|-------------------------------|---------|
| 3788 | Male bayonet to female thread | 275.00 |
| 3789 | Male thread to female bayonet | 275.00 |

Will also take other manufacturers 1 1/2" accessories



SIRIO™ 6" DAYLIGHT FRESNEL 575W DE

- Compact general purpose 6" location daylight Fresnel
- Ideal for interior locations in Motion Picture and Television production where space is limited
- On/off illuminated push buttons for head or ballast operation
- Hour counter incorporated for measuring lamp life
- Uses 575W HMI double-ended lamp
- Can be used for 220V operation with appropriate ballast

Sirio 575W Daylight Fresnel

Motion Picture & Television Daylight 6" Fresnel. Uses double-ended 575W HMI lamps. Supplied in black with color frame, wireguard, 8-leaf rotating barndoor, yoke with dual spigot, and integral 25' (7.5m) head cable.

☑ 575W ☑ 120V ☑ 5° - 53° ⚖ 24lbs. (10.5kg) ✱ 280 FC (3010 lux) [spot], 28 FC (300 lux) [flood] ⬆ 30' (9m) ⚙ 9" dia. (230mm dia.) 📦 33lbs. (15kg) 📦 2.75 Cu.ft. (0.078m3)
✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 3360 | 575W Sirio Head, 25' head cable, wireguard, color frame & barndoor | 2035.00 |



Sirio 575W Daylight Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| HMI | 575W DE lamp | POR |
| 3367 | Compact ballast, 575W, 120V 60Hz | POA |
| 25031 | Electronic ballast, 1200/575W, 100-240V, 50/60Hz | POA |
| 1148 | Additional color frame 9" (225mm) | 25.00 |
| 1303 | Additional barndoor, 8-leaf rotating, 9" (225mm) | 120.00 |
| 1179 | Cone, 2.25" (56mm) | 55.00 |
| 1180 | Cone, 3" (76mm) | 55.00 |
| 1181 | Cone, 4.25" (108mm) | 55.00 |
| 1256 | Full double scrim (50% transmission) | 18.00 |
| 1257 | Full single scrim (66% transmission) | 18.00 |
| 1258 | Half double scrim | 15.00 |
| 1259 | Half single scrim | 15.00 |
| 3362 | Additional head cable, 25' (7.5m) | 250.00 |
| 3364 | Additional head cable, 50' (15m) | 310.00 |
| 1500 | Safety cable 18" (457mm) | 4.00 |

Will also take other manufacturers 9" accessories

SIRIO™

**10" DAYLIGHT FRESNEL
1200W DE**

- Powerful general purpose 10" location daylight Fresnel
- Ideal for general lighting in Motion Picture and Television production
- On/off illuminated push buttons for head or ballast operation
- Hour counter incorporated for measuring lamp life
- Uses 1200W HMI double-ended lamp
- Can be used for 220V operation with appropriate ballast

Sirio 1200W Daylight Fresnel

Motion Picture & Television HMI 10" Fresnel. Uses double-ended 1200W HMI lamp. Supplied in black with color frame, wireguard, 8-leaf rotating barndoor and yoke with dual spigot and integral 25' (7.5m) head cable.

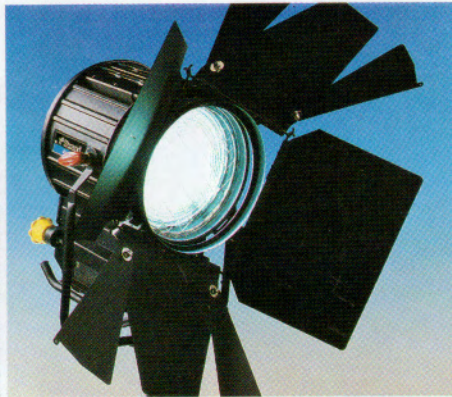
W 1200W W 120V < 5.5° - 57° 44lbs. (20kg) * 275 FC (2960 lux) [spot], 20 FC (215 lux) [flood] ◀ 45" (14m) X 13 1/2" dia. (320mm dia.) 53lbs. (24kg) 4.55 Cu.ft. (0.129m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 3570 | 1200W Sirio Head, 25' head cable, wireguard, color frame & barndoor | 2,585.00 |

Sirio 1200W Daylight Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| HMI | 1200W DE lamp | POR |
| 3577 | Compact ballast, 1200W 120V, 60Hz | POA |
| 25031 | Electronic ballast, 1200/575W, 100-240V, 50/60Hz | POA |
| 1149 | Additional color frame, 13 1/2" (343mm) | 35.00 |
| 1304 | Additional barndoor, 8-leaf rotating, 13 1/2" (343mm) | 175.00 |
| 3572 | Additional head cable, 25' (7.5m) | 355.00 |
| 3574 | Additional head cable, 50' (15m) | 440.00 |
| 1500 | Safety cable 18" (457mm) | 4.00 |

Will also take other manufacturers 13 1/2" accessories



SIRIO 1200WDE WITH BARNDOORS

**SIRIO™
12" DAYLIGHT FRESNEL
2500W DE**

- Powerful general purpose 12" location daylight Fresnel
- Ideal for area lighting in Motion Picture and Television production
- On/off illuminated push buttons for head or ballast operation
- Hour counter incorporated for measuring lamp life
- Uses 2500W HMI double-ended lamp
- Can be used for 220V operation with appropriate ballast

Sirio 2500W Daylight Fresnel

Motion Picture & Television HMI 12" Fresnel. Uses double-ended 2500W lamps. Supplied in black with color frame, wireguard, 8-leaf rotating barndoor and yoke with spigot and integral 25' (7.5m) head cable.

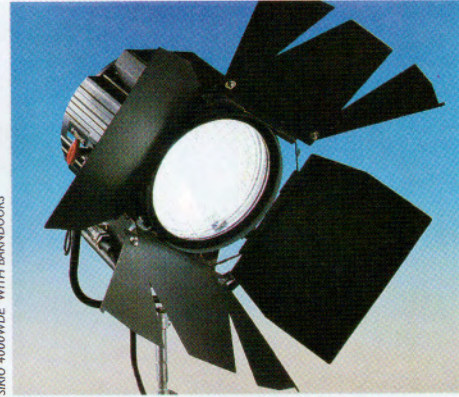
W 2500W W 120V < 6° - 63.5° 58.5lbs. (26.5kg) * 320 FC (3400 lux) [spot], 30 FC (320 lux) [flood] ◀ 60" (18m) X 16" dia. (320mm dia.) 66lbs. (30kg) 5.75 Cu.ft. (0.163m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 3680 | 2500W Sirio Head, 25' head cable, wireguard, color frame & barndoor | 2,895.00 |

Sirio 2500W Daylight Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| HMI | 2500W DE lamp | POR |
| 3687 | Compact ballast, 2500W, 120V, 60Hz | POA |
| 25051 | Electronic ballast 4000/2500W, 100-240V, 50/60Hz | POA |
| 1146 | Additional color frame 16" (400mm) | 40.00 |
| 1302 | Additional barndoor, 8-leaf rotating, 16" (400mm) | 175.00 |
| 1176 | Cone, 6.25" (155mm) | 150.00 |
| 1177 | Cone, 9" (225mm) | 150.00 |
| 1178 | Cone, 11" (275mm) | 150.00 |
| 1212 | Full double scrim (50% transmission) | 37.00 |
| 1213 | Full single scrim (66% transmission) | 37.00 |
| 1214 | Half double scrim | 30.00 |
| 1215 | Half single scrim | 30.00 |
| 3682 | Additional head cable, 25' (7.5m) | 395.00 |
| 3684 | Additional head cable, 50' (15m) | 495.00 |
| 1500 | Safety cable 18" (457mm) | 4.00 |

Will also take other manufacturers 15 1/2" accessories



SIRIO 4000WDE WITH BARNDOORS

**SIRIO™
14" DAYLIGHT FRESNEL
4000W DE**

- High-powered general purpose 14" location daylight Fresnel
- Strong punch light source
- Ideal for area lighting in Motion Picture and Television production
- On/off illuminated push buttons for head or ballast operation
- Hour counter incorporated for measuring lamp life
- Uses 4000W HMI double-ended lamp
- Can be used for 220V operation with appropriate ballast

Sirio 4000W Daylight Fresnel

Motion Picture & Television 14" Daylight Fresnel. Uses double-ended 4000W HMI lamp. Supplied in black with wireguard, color frame, 8-leaf rotating barndoor, and yoke with spigot and 25' (7.5m) head cable.

W 4000W W 120V < 8.5° - 53° 72lbs. (32.6kg) * 585 FC (6300 lux) [spot], 45 FC (480 lux) [flood] ◀ 60" (18m) X 16" dia. (405mm dia.) 81lbs. (37kg) 10.84 Cu.ft. (0.307m3) ✓ EN60 598 2-17

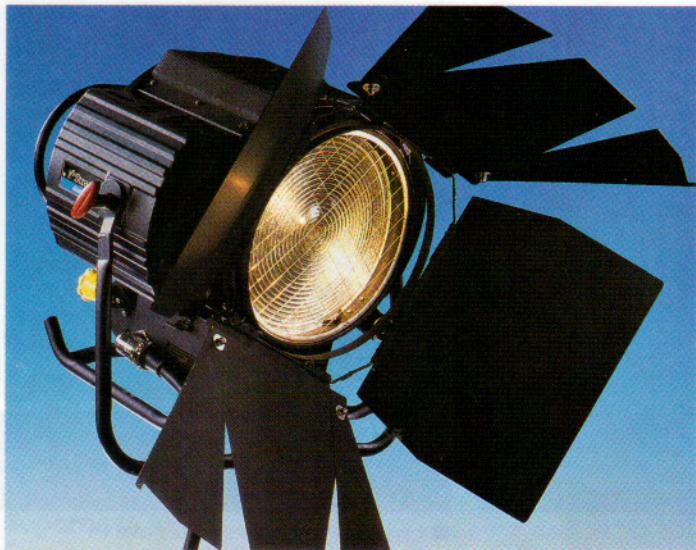
| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 3790 | 4000W Sirio Head, 25' head cable, wireguard, color frame & barndoor | 3,625.00 |

Sirio 4000 Daylight Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| HMI | 4000W DE lamp | POR |
| 3697 | Compact ballast, 4000W, 120V, 60Hz | POA |
| 25051 | Electronic ballast 4000/2500W, 100-240V, 50/60Hz | POA |
| 1146 | Additional color frame 16" (400mm) | 40.00 |
| 1302 | Additional barndoor, 8-leaf rotating, 16" (400mm) | 175.00 |
| 1176 | Cone, 6.25" (155mm) | 150.00 |
| 1177 | Cone, 9" (225mm) | 150.00 |
| 1178 | Cone, 11" (275mm) | 150.00 |
| 1212 | Full double scrim (50% transmission) | 37.00 |
| 1213 | Full single scrim (66% transmission) | 37.00 |
| 1214 | Half double scrim | 30.00 |
| 1215 | Half single scrim | 30.00 |
| 8782 | Additional head cable, 25' (7.5m) | 450.00 |
| 8784 | Additional head cable, 50' (15m) | 550.00 |
| 1500 | Safety cable 18" (457mm) | 4.00 |

All 4000W head cables are now bayonet. To interface older laniro components having threaded connectors (ballasts and heads) 3788 and/or 3789 adapters are required

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 3792 | Additional head cable, threaded, 25' (7.5m) | 450.00 |
| 3794 | Additional head cable, threaded, 50' (15m) | 550.00 |
| 3788 | Male bayonet to female thread | 275.00 |
| 3789 | Male thread to female bayonet | 275.00 |



SIRIO 6000W DE WITH BARNDOORS



SIRIO 12kW DE WITH BARNDOORS

SIRIO™ 14" DAYLIGHT FRESNEL 6000W DE

- High-powered general purpose 14" location daylight Fresnel
- Strong punch light source
- Ideal for area lighting in Motion Picture and Television production
- On/off illuminated push buttons for head or ballast operation
- Hour counter incorporated for measuring lamp life
- Uses 6000W HMI double-ended lamp
- 6kW ballast suitable for 208/220V 60Hz or 220V 50Hz operation

Sirio 6000W Daylight Fresnel

Motion Picture & Television HMI 14" Fresnel. Uses double-ended 6000W HMI lamp. Supplied in black with color frame, wireguard, 8-leaf rotating barndoor, yoke with spigot, and 25' (7.5m) head cable.

⚡ 6000W ⚡ 208/220V 60Hz 220V 50Hz ◻ 5.5°- 56° ⚖ 68lbs. (31kg) ✱ 580 FC (6300 lux) [spot], 40 FC (430 lux) [flood] ⚡ 75' (23m) ✕ 16" dia. (405mm dia.) ⚖ 85.8lbs. (39kg) ⚡ 12.1 Cu.ft. (0.343m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 3796 | 6000W Sirio Head, 25' head cable, wireguard, color frame & barndoor | 4,995.00 |

Sirio 6000 Daylight Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| HMI | 6000W DE lamp | POR |
| 3807 | Compact ballast, 6000W, 220V, 50/60Hz | POA |
| 25071 | Electronic ballast, 12K/6KW, 200-240V, 50/60Hz | POA |
| 1146 | Additional color frame 16" (400mm) | 40.00 |
| 1302 | Additional barndoor, 8-leaf rotating, 16" (400mm) | 175.00 |
| 1176 | Cone, 6.25" (155mm) | 150.00 |
| 1177 | Cone, 9" (225mm) | 150.00 |
| 1178 | Cone, 11" (275mm) | 150.00 |
| 1212 | Full double scrim (50% transmission) | 37.00 |
| 1213 | Full single scrim (66% transmission) | 37.00 |
| 1214 | Half double scrim | 30.00 |
| 1215 | Half single scrim | 30.00 |
| 3797 | Additional head cable, 25' (7.5m) | 695.00 |
| 3799 | Additional head cable, 50' (15m) | 895.00 |
| 1500 | Safety cable 18" (457mm) | 4.00 |

SIRIO™ 20" DAYLIGHT FRESNEL 12kW DE

- High power HMI location Fresnel
- Alternative to Brute arc for Motion Picture location filming
- On/off illuminated controls provided
- Hour counter incorporated for measuring lamp life
- Uses 12kW HMI double-ended lamp
- Retrofit kit available for workshop conversion of head to take an 18kW lamp
- 12kW Ballast suitable for 208/220V 60Hz or 220V 50Hz operation

Sirio 12kW Daylight Fresnel

One of the most powerful daylight Fresnels, with an output comparable with a Brute arc. Developed specially for large scale film productions and TV outside broadcasts. Supplied in black with color frame, wireguard, 4-leaf rotating barndoor, yoke with 1 1/8" (29mm) spigot, and 25' (7.5m) head cable.

⚡ 12000W ⚡ 208/220V 60Hz or 220V 50Hz ◻ 6°- 55° ⚖ 187lbs. (85kg) ✱ 186 FC (2000 lux) ⚡ Spot: 230' (70m), flood: 50' (15m) ✕ 29" dia. (740mm dia.) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 3890 | Sirio 12kW HMI Head, 25' head cable, wireguard, color frame & barndoor | POA |

Sirio 12kW Daylight Accessories

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| HMI | 12kW DE lamp | POR |
| 3898 | Compact ballast, 12kW, 220V, 50/60Hz | POA |
| 24071 | Electronic ballast, 12K/6KW, 200-240V, 50/60Hz | POA |
| 5120/99 | 12KW-18kW Conversion Kit* | 2,555.00 |

* to upgrade a Sirio 12kW DE to 18kW operation

SIRIO™ 20" DAYLIGHT FRESNEL 18kW DE

- Highest power HMI location Fresnel in the range
- For large scale film productions and TV outside broadcasts
- On/off illuminated controls provided
- Hour counter incorporated for measuring lamp life
- Uses double ended lamp 18kW HMI lamp
- Can be used for 208V/220V 50/60Hz operation

Sirio 18kW Daylight

The most powerful daylight Fresnel in the Sirio range with a similar housing as the Sirio 12kW. Supplied in black with color frame, wireguard, 4-leaf rotating barndoor, yoke with 1 1/8" (29mm) spigot, and 25' (7.5m) head cable.

⚡ 18,000W ⚡ 220V 50/60Hz ◻ 8.5°- 56° ⚖ 198lbs. (90kg) ✱ Flood: 180 FC (1500 lux), spot: 180 FC (1500 lux) ⚡ Flood: 65' (20m), spot: 260' (80m) ✕ 29" dia. (740mm dia.) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|-------------------------|---------|
| 3896 | Sirio 18kW DE head only | POA |

Sirio 18kW Daylight Accessories

| Part No. | Description | MSRP \$ |
|----------|--------------------|---------|
| HMI | 18kW DE lamp | POR |
| NPN | Electronic ballast | POA |



COMPACT BALLASTS

575W - 1800W

Strand Lighting is pleased to provide a range of state-of-the-art compact ballasts. For full details and specifications please refer to your local Strand Lighting Dealer or Representative

Table with 3 columns: Part No., Description, MSRP \$

All compact ballasts use bayonet connectors to accept the appropriate head feeders. In respect of older model laniro or Quartzcolor 4000W Sirio heads and ballasts with threaded connectors, adapters are available - Male bayonet/Female thread, Female bayonet/male thread.

Table with 3 columns: Part No., Description, MSRP \$

ELECTRONIC BALLASTS

575W - 1800W

Strand Lighting is pleased to offer a range of state of the art Electronic "Flicker Free" lightweight ballasts for universal use. For full details and specification of the range please consult your local Strand Lighting Dealer or Representative.

Table with 3 columns: Part No., Description, MSRP \$

POLARIS™ 6" FRESNEL

1000W

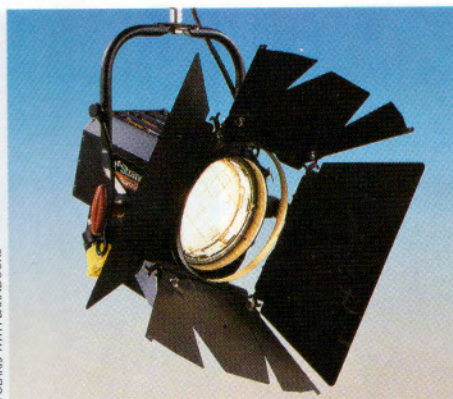
- Compact 1000W 6" Fresnel
● Suitable for Motion Picture Sound Stages & TV Studios for key and backlight
● PO Yoke to convert to Pole Operation available
● Uses 500W, 750W or 1000W lamps
● Can be used for 220V operation
● C-clamp (to adapt yoke to hang fixture) is included

Polaris 1000W Fresnel

Compact 6" Fresnel (for stand mounting). The Pole Operated conversion allows remote control of pan, tilt and focus, and includes friction clutches for override of pan and tilt. Supplied with wireguard and 20' (6m) power cable, in-line switch, and dual 1 1/8" (29mm) male spigot with 5/8" (16mm) female receiver.

1000W 120V 10°-59° 13.2lbs. (6kg) 148 FC (1600 lux) [spot] 20' (6m) 7 7/8" or 9" dia. (228mm dia.) 23lbs. (10.5kg) 2.47 Cu.ft. (0.07m3) EN60 598 2-17

Table with 3 columns: Part No., Description, MSRP \$



POLARIS WITH BARRDOORS

Polaris 1000W Accessories

Table with 3 columns: Part No., Description, MSRP \$

See page 49 for Operating Poles for PO version.

Note: These fixtures come with accessory ears mounted in the 9" position (formerly designated "LA"). By moving these ears to the alternative position the unit will accept 7/8" accessories previously used on early models.

Polaris 1000W 9" Accessories

Table with 3 columns: Part No., Description, MSRP \$

Will also take other manufacturers 9" accessories

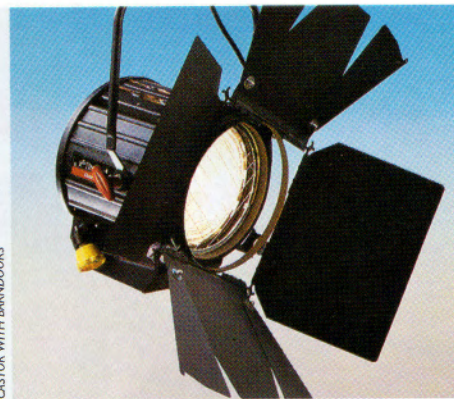
Polaris 1000W 7 7/8" Accessories

Table with 3 columns: Part No., Description, MSRP \$

CASTOR™ 10" FRESNEL

2000W

- Compact 2000W 10" Fresnel
● Ideal general purpose keylight and backlight for Motion Picture & TV studios
● Two versions available for use with either 12 5/8" or 13 1/2" accessories



CASTOR WITH BARRDOORS

- PO Yoke to convert to Pole Operation available
● Uses 1000W, 1500W or 2000W lamps
● Can be used for 220V operation
● C-clamp (to adapt yoke to hang fixture) is included

Castor 2000W Fresnel

Compact location and studio 10" Fresnel. The Pole Operated conversion allows remote control of pan, tilt and focus, and includes friction clutches for override of pan and tilt. Supplied in black with wireguard, 20' (6m) power cable, in-line switch, and dual 1 1/8" (29mm) male spigot with 5/8" (16mm) female receiver.

2000W 120V 9°-51° 29.7lbs. (13.5kg) 330 FC (3550 lux) [spot], 40 FC (430 lux) [flood] 30' (9m) 12 5/8" or 13 1/2" dia. (320mm dia.) 38.5lbs. (17.5kg) 4.2 Cu.ft. (0.118m3) EN60 598 2-17

Table with 3 columns: Part No., Description, MSRP \$

Castor 2000W Accessories

Table with 3 columns: Part No., Description, MSRP \$

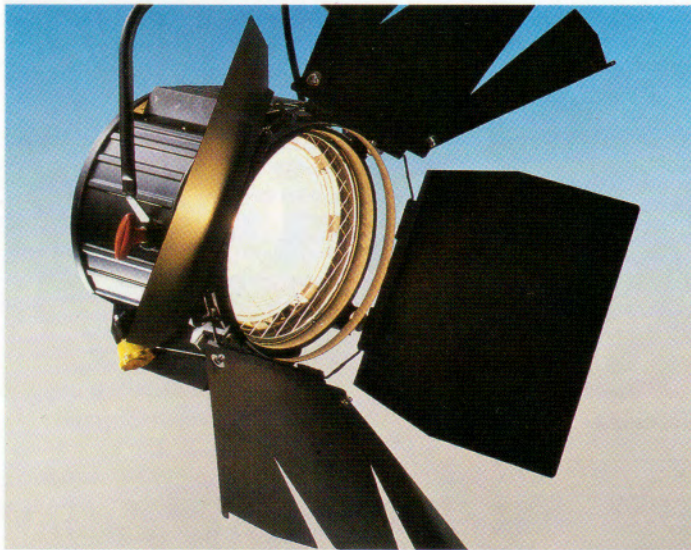
Castor 2000W 12 5/8" Accessories

Table with 3 columns: Part No., Description, MSRP \$

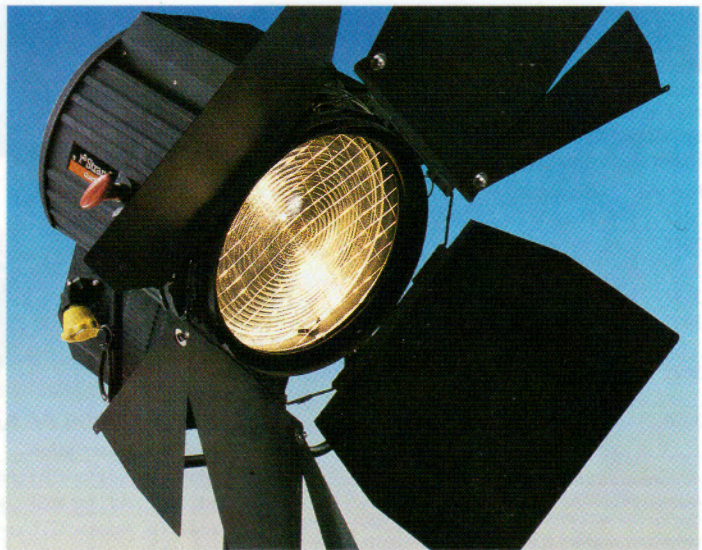
Castor 2000W 13 1/2" Accessories

Table with 3 columns: Part No., Description, MSRP \$

See page 49 for Operating Poles for PO version. Will also take other manufacturers 13 1/2" accessories



POLLUX WITH BARNDOORS



VEGA WITH BARNDOORS

POLLUX™ 12" FRESNEL 5000W

- Powerful, lightweight 5000W 12" Fresnel for Motion Picture and Television Studios
- PO Yoke to convert to Pole Operation available
- Can be used for 220V operation
- C-clamp (to adapt yoke to hang fixture) is included

Pollux 5000W Fresnel

Motion Picture & Television studio 12" Fresnel. The Pole Operated conversion allows remote control of pan, tilt and focus, and includes friction clutches for override of pan and tilt. Supplied in black with wireguard and 6.6' (2m) power cable with bare leads, head-mounted rotary switch, and 1 1/8" (29mm) spigot.

W 5000W V 120V < 12.5°- 55° 37lbs. (16.5kg) * 165 FC (1780 lux) [spot], 30 FC (320 lux) [flood] ◀ 60" (17m) 1/8" 16" dia. (405mm dia.) 48.5lbs. (22kg) 5.6 Cu.ft. (0.159m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--------------------------|---------|
| 3601ST | Pollux 5000W, bare leads | 1115.00 |

Pollux 5000W Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (60A) | 55.00 |
| add GTL | Add for GTL connector (50A) | 90.00 |
| 29351 | PO Yoke (To convert to Pole Operation) | 285.00 |
| DPY | 5000W 120V lamp | POR |
| CP29 | 5000W 220V lamp | POR |
| 1146 | Color frame | 40.00 |
| 1302 | Barndoor, 8-leaf rotating | 175.00 |
| 1176 | Cone, 6.25" (155mm) | 150.00 |
| 1177 | Cone, 9" (225mm) | 150.00 |
| 1178 | Cone, 11" (275mm) | 150.00 |
| 1212 | Full double scrim (50% transmission) | 37.00 |
| 1213 | Full single scrim (66% transmission) | 37.00 |
| 1214 | Half double scrim | 30.00 |
| 1215 | Half single scrim | 30.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

See page 49 for Operating Poles for PO conversion. Will also take other manufacturers 1 1/2" accessories

VEGA™ 14" FRESNEL 10kW

- High power 10kW 14" Fresnel for Motion Picture and Television Studios
- PO Yoke to convert to Pole Operation available
- Can be used for 220V operation
- C-clamp (to adapt yoke to hang fixture) is included

Vega 10kW Fresnel

Motion Picture & Television Studio Fresnel. The Pole Operated conversion allows remote control of pan, tilt and focus, and includes friction clutches for override of pan and tilt. Supplied in black with wireguard and 6.6' (2m) power cable with bare leads, head-mounted rotary switch, and 1 1/8" (29mm) spigot.

W 10,000W V 120V < 9°- 51° 57lbs. (26kg) * 260 FC (2800 lux) [spot], 50 FC (540 lux) [flood] ◀ 60" (18m) 1/8" 16" dia. (405mm dia.) 68lbs. (31kg) 8.65 Cu.ft. (0.245m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|-----------------------|----------|
| 3701ST | Vega 10kW, bare leads | 1,755.00 |

Vega 10kW Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (100A) | 75.00 |
| 29391 | PO Yoke (To convert to Pole Operation) | 345.00 |
| DTY | 10,000W 120V lamp | POR |
| CP83 | 10,000W 220V lamp | POR |
| 1146 | Color frame | 40.00 |
| 1302 | Barndoor, 8-leaf rotating | 175.00 |
| 1176 | Cone, 6.25" (155mm) | 150.00 |
| 1177 | Cone, 9" (225mm) | 150.00 |
| 1178 | Cone, 11" (275mm) | 150.00 |
| 1212 | Full double scrim (50% transmission) | 37.00 |
| 1213 | Full single scrim (66% transmission) | 37.00 |
| 1214 | Half double scrim | 30.00 |
| 1215 | Half single scrim | 30.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

See page 49 for Operating Poles for use with PO conversions Will also take other manufacturers 1 1/2" accessories

DRACO™ ★NEW★ 20" FRESNEL 20kW 220V

- Highest power tungsten halogen Fresnel in the range
- Designed to provide intense single-source illumination for Motion Picture and Special Events
- Intensity variable with special dimmer
- Requires lamp and inrush-current protection dimmer
- 220V operation only

Draco 20kW Fresnel

Motion Picture & Special Event Fresnel. To maximize lamp life, and to provide dimming control, a special 20kW dimmer is required. Supplied in black with barndoor, color frame, wireguard and yoke with 1 1/8" (29mm) spigot and has head-mounted rotary switch and 10' (3m) power cable.

W 20000W V 220V < 23°- 46° 151lbs. (69kg) * Flood: 104 FC (1125 lux), spot: 140 FC (1500 lux) ◀ Flood: 65' (20m), spot: 130' (40m) 1/8" 29" dia. (740mm) ✓ EN60 598 2-17

This fixture is only available by special order for 220V 50/60 Hz operation. Consult your Strand Lighting dealer, or Representative, for pricing and performance data.



GIANO™

2500W/5000W 220V

- Dual purpose, double-ended Fresnel/softlight
- Specially designed for heavy demand, saturated-rig television studios
- Separate sources for hard and soft distribution
- Fresnel end uses 2.5kW/2.5kW twin filament CP58 lamp
- Soft end uses 4 - 1250W linear 189mm (P2/12) lamps
- Pole Operated pan, tilt, focus, function change and power switching
- Half-power and full power switch for both functions to reduce intensity without color temperature change
- For 220V operation only
- Supplied in black with 4-leaf barndoor (Hard side), color frames (both sides), wireguard, Pole Operated yoke with 1 1/8" (29mm) spigot and 13' (4m) power cable.

This fixture is only available by special order for 220V 50 Hz operation. Consult your Strand Lighting dealer, or Representative, for pricing and performance data.

MIZAR™

200W & 500W/300W

- Smallest focusing Fresnel in the Quartzcolor range
- Ideal for situations where lighting detail, key light or special effects are required from a concealed source
- Two models available, 200W and 500W/300W
- 500W version is also featured in a number of Flight Kits and Location Kits. See page 17
- Two-part cast alloy body
- Wide range of accessories available
- 500W/300W version can be used for 220V operation

Mizar 200W Fresnel

Small 3" studio Fresnel. Supplied in black with wireguard, 11.5' (3.5m) power cable with in-line switch and molded GR connector.

✓ 200W ✓ 120V ◁ 14° - 43° ■ 4lbs. (1.8kg) ✱ 97 FC [spot] 27 FC [flood] (1044 lux [spot] 290 lux [flood]) ◀ 12' (5m) ✕ 4.375" dia. (110mm dia.) ■ 4.4lbs. (2kg) ■ 0.28 Cu.ft. (0.008m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---------------------------------|---------|
| 3101ST | Mizar 200W Fresnel,GR connector | 325.00 |

Mizar 500W Fresnel

Small 3" 500W studio Fresnel for 300W or 500W lamp. Supplied with wireguard, 11.5' (3.5m) power cable with in-line switch and molded GR connector. This version is also recommended as part of a portable lighting kit - refer to page 17 for further details.

✓ 500W ✓ 120V ◁ 13° - 46° ■ 4lbs. (1.8kg) ✱ 236 FC [spot] 55 FC [flood] (2540 lux [spot] 600 lux [flood]) ◀ 12' (5m) ✕ 4.375" dia. (110mm dia.) ■ 4.4lbs. (2kg) ■ 0.28 Cu.ft. (0.008m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|--------------------------------------|---------|
| 3102ST | Mizar 500/300W Fresnel, GR connector | 325.00 |

Mizar Accessories

| Part No. | Description | MSRP \$ |
|------------|---|---------|
| 100Q/CL/DC | 100W 120V lamp, for 3101ST | POR |
| 150Q/CL/DC | 150W 120V lamp, for 3101ST | POR |
| FEV | 200W 120V lamp, for 3101ST | POR |
| FKW | 300W 120V lamp, for 3102ST | POR |
| CP81 | 300W 220V lamp, for 3102ST | POR |
| FRG | 500W 120V lamp, for 3102ST | POR |
| FRF | 500W 120V lamp, for 3102ST | POR |
| CP82 | 500W 220V lamp, for 3102ST | POR |
| T18 | 500W 220V lamp, for 3102ST | POR |
| I133 | Color frame | 10.00 |
| I310 | Barndoor, 4-leaf rotating | 40.00 |
| I225 | Full double scrim (50% transmission) | 13.00 |
| I226 | Full single scrim (66% transmission) | 13.00 |
| I227 | Half double scrim | 11.00 |
| I228 | Half single scrim | 11.00 |
| I183 | Cone, variable 30/50/70mm | 45.00 |
| I963 | Small gaffer grip, 5/8" (16mm) spigot | 37.00 |
| I558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| I529 | Lightweight stand with 5/8" (16mm) spigot | 70.00 |

BAMBINO™

5" FRESNEL 1000W

- Powerful, compact 'Baby' size 1kW Fresnel
- Specifically designed for location lighting, rental applications and for situations where physical size is a problem
- Also featured in Location Kits. See page 17 for details.
- Uses 500W, 750W or 1000W lamps
- Can be used for 220V operation
- C-clamp required for hanging

Bambino 1000W Fresnel

Compact location 5" Fresnel. Supplied in black with wireguard, dual spigot, and 23' (7m) power cable with in-line switch. C-clamp required for hanging.

✓ 1000W ✓ 120V ◁ 9° - 60° ■ 13.2lbs. (6kg) ✱ 180 FC [spot], 30 FC [flood] (1940 lux [spot], 320 lux [flood]) ◀ 20' (6m) ✕ 7.25" dia. (180mm dia.) ■ 16.5lbs. (7.5kg) ■ 1.45 Cu.ft. (0.041m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---------------------------|---------|
| 3201ST | Bambino 1000W, bare leads | 435.00 |

Bambino 1000W Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| EGN | 500W 120V lamp | POR |
| CP39 | 650W 220V lamp | POR |
| EGR | 750W 120V lamp | POR |
| EGT | 1000W 120V lamp | POR |
| CP40 | 1000W 220V lamp | POR |
| I143 | Color frame | 18.00 |
| I306 | Barndoor, 8-way rotatable | 90.00 |
| I200 | Full double scrim (50% transmission) | 12.00 |
| I205 | Full single scrim (66% transmission) | 12.00 |
| I206 | Half double scrim | 10.00 |
| I207 | Half single scrim | 10.00 |
| I558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| I529 | Lightweight stand with 5/8" (16mm) spigot | 70.00 |
| I500 | Safety cable, 18" (457mm) | 4.00 |

Will also take other manufacturers 73/16" accessories



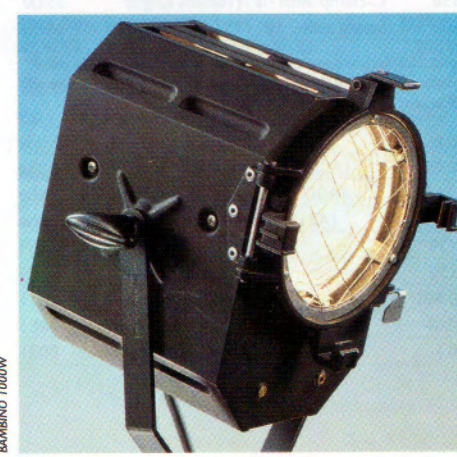
GIARNO (SOFTLIGHT)



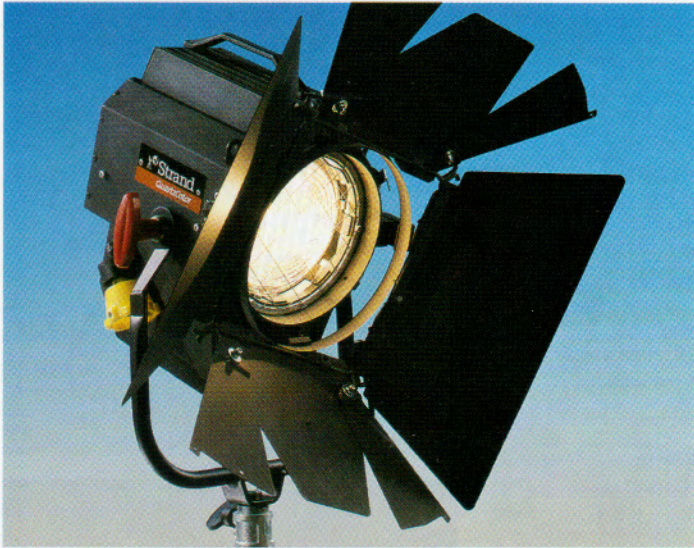
GIARNO (FRESNEL)



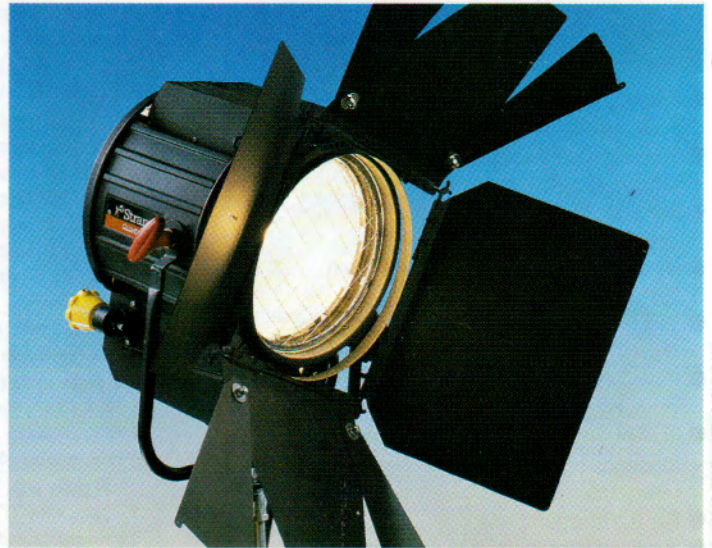
MIZAR WITH BARNDOORS



BAMBINO 1000W



BAMBINO 2000W WITH BARNDOORS



BAMBINO 5000W WITH BARNDOORS

BAMBINO™ 6" FRESNEL
2000W

- Compact 'Baby' size 2000W 6" Fresnel
- Specifically designed for location use or for situations where size is a problem
- Uses 1000W, 1500W or 2000W lamp
- Can be used for 220V operation
- C-clamp (to adapt yoke to hang fixture) is included

Bambino 2000W Fresnel

Compact location and studio Fresnel. Supplied in black with wireguard, yoke with dual spigot, 23' (7m) power cable with bare leads and in-line switch.

✓ 2000W ✓ 120V ◁ 10°-59° ■ 13.4lbs. (6.1kg) ✱ 460 FC (4951 lux) [spot], 60 FC (645 lux) [flood] ◀ 20' (6m) ✕ 9" (230mm) ▣ 24lbs. (11kg) ▢ 2.1 Cu.ft. (0.059m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---------------------------|---------|
| 3302ST | Bambino 2000W, bare leads | 625.00 |

Bambino 2000W Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| 29231 | PO Yoke (To convert to Pole Operation) | 245.00 |
| CYZ | 1000W 120V lamp | POR |
| CXZ | 1500W 120V lamp | POR |
| CYX | 2000W 120V lamp | POR |
| CP41 | 2000W 220V lamp | POR |
| 1558 | C-clamp with 5/8" (16mm) spigot | 55.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

Note: This fixture comes with accessory ears mounted in the 9" position. By moving these ears to the alternative position the unit will accept 7 7/8" accessories.

Bambino 2000W 9" Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 1148 | Color frame, 9" (225mm) | 25.00 |
| 1303 | Barndoor, 8-leaf rotating, 9" (225mm) | 120.00 |
| 1179 | Cone, 2.25" (56mm), 9" | 55.00 |
| 1180 | Cone, 3" (76mm), 9" | 55.00 |
| 1181 | Cone, 4.25" (108mm), 9" | 55.00 |
| 1256 | Full double scrim (50% transmission), 9" 18.00 | 18.00 |
| 1257 | Full single scrim (66% transmission), 9" | 18.00 |
| 1258 | Half double scrim, 9" | 15.00 |
| 1259 | Half single scrim, 9" | 15.00 |

Will also take other manufacturers 9" accessories

Bambino 2000W 7 7/8" Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 1144 | Color frame, 7 7/8" | 25.00 |
| 1300 | Barndoor, 8-leaf rotating, 7 7/8" | 120.00 |
| 1170 | Cone, 2.25" (56mm), 7 7/8" | 55.00 |
| 1171 | Cone, 3" (76mm), 7 7/8" | 55.00 |
| 1172 | Cone, 4.25" (108mm), 7 7/8" | 55.00 |
| 1201 | Full double scrim (50% transmission), 7 7/8" | 18.00 |
| 1202 | Full single scrim (66% transmission), 7 7/8" | 18.00 |
| 1203 | Half double scrim, 7 7/8" | 15.00 |
| 1204 | Half single scrim, 7 7/8" | 15.00 |

BAMBINO™
10" FRESNEL 5000W

- 'Baby' size 5000W 10" Fresnel
- General purpose keylight and backlight for Motion Picture & TV studios
- PO Yoke to convert to Pole Operation available
- Can be used for 220V operation
- C-clamp (to adapt yoke to hang fixture) is included

Bambino 5000W Fresnel

Compact location and studio Fresnel. The Pole Operated conversion allows remote control of pan, tilt and focus, and includes friction clutches override of pan and tilt. Supplied in black with head-mounted switch, wireguard and 6.6' (2m) power cable with bare leads.

✓ 5000W ✓ 120V ◁ 14°-55° ■ 33lbs. (9.5kg) ✱ 270 FC (2900 lux) [spot], 65 FC (700 lux) [flood] ◀ 50' (15m) ✕ 12 5/8" or 13 1/2" dia. (320mm or 343mm dia.) ▣ 42lbs. (21kg) ▢ 3.7 Cu.ft. (0.105m3) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 3505ST | Bambino 5000W for 13 1/2" accessories, bare leads | 1,042.00 |

Bambino 5000W Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (60A) | 55.00 |
| add GTL | Add for GTL connector (50A) | 90.00 |
| 2931 I | PO Yoke (To convert to Pole Operation) | 265.00 |
| DPY | 5000W 120V lamp | POR |
| CP29 | 5000W 220V lamp | POR |
| 1149 | Color frame, 13 1/2" (343mm) | 35.00 |
| 1304 | Barndoor, 8-leaf rotating, 13 1/2" (343mm) | 175.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

Will also take other manufacturers 13 1/2" accessories



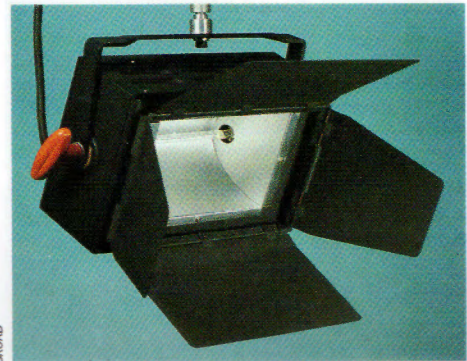
ARTURO 1500W



ARTURO 3000W



ARTURO 6000W



BROAD

ARTURO™ SOFTLIGHTS

1500W, 2000W, 4000/6000W

- A range of tungsten halogen softlights for Motion Picture and TV location or studio application
- Three versions available: 1000W/1500W, 2000W and 4000/6000W
- Asymmetric beam distribution for constant illumination as subject approaches source
- Special white reflector finish for softer output
- PO Yoke to convert to Pole Operation available
- Versions available for 220V operation
- C-clamp (to adapt yoke to hang fixture) is included

Arturo 1500W Softlight

Motion Picture & Television utility fixture designed for the small studio or as a location fill light. Uses 1000W or 1500W lamps to give virtually shadow-free diffused illumination. Supplied in black with yoke with 1 1/8" (29mm) spigot, and 25' (7.5m) power cable with in-line switch. Eggcrate and color frame available as accessories.

W 1500W V 120V H 24lbs. (11kg) L 33lbs. (15kg) C 4.2 Cu.ft. (0.118m³) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|------------------------------------|---------|
| 4352ST | 1500W Arturo Softlight, bare leads | 583.00 |

Arturo 1500W Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| FFT | 1000W 120V lamp | POR |
| FDB | 1500W 120V lamp | POR |
| 29561 | PO Yoke (To convert to Pole Operation) | POA |
| 1162 | Color frame | 60.00 |
| 1233 | Eggcrate | 70.00 |

Arturo 2000W Softlight

Motion Picture & Television utility fixture designed for medium-sized studios or as a location fill light. Uses two 1000W lamps which can be operated individually, or together giving virtually shadow-free diffused illumination. Supplied with yoke with 1 1/8" (29mm) spigot, and 3' (1m) power cable. Head-mounted 4-position rotary switch for 1-lamp, 2-lamp, both lamps and off. Eggcrate and color frame available as accessories.

W 2000W V 120V H 35lbs. (16kg) L 51lbs. (23kg) C 8.6 Cu.ft. (0.244m³) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|------------------------------------|---------|
| 4353ST | 2000W Arturo Softlight, bare leads | 808.00 |

Arturo 2000W Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| FFT | 1000W 120V lamp | POR |
| 29571 | PO Yoke (To convert to Pole Operation) | POA |
| 1163 | Color frame | 75.00 |
| 1234 | Eggcrate | 115.00 |

Arturo 4000/6000W Softlight

Motion Picture & Television utility fixture designed for larger studios or as a location fill light. Uses four 1000W or 1500W lamps. Lamps can be operated individually, or combined as required, giving virtually shadow-free diffused illumination. Supplied with yoke with 1 1/8" (29mm) spigot, and 3' (1m) power cable. Eggcrate and color frame available as accessories. Four head-mounted toggle switches for 1-lamp, 2-lamps, 3-lamps, 4-lamps and off.

W 6000W V 120V K 68° x 105° H 45lbs. (20.5kg) L 62lbs. (28kg) C 13.8 Cu.ft. (0.39m³) ✓ EN60 598 2-17

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 4356ST | 4000/6000W Arturo Softlight, bare leads | 1,208.00 |

Arturo 4000/6000W Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| add GP | Add for GP connector (60A) | 55.00 |
| add GTL | Add for GTL connector (50A) | 90.00 |
| FFT | 1000W 120V lamp | POR |
| FDB | 1500W 120V lamp | POR |
| 29581 | PO Yoke (To convert to Pole Operation) | POA |
| 1164 | Color frame | 95.00 |
| 1235 | Eggcrate | 120.00 |

BROAD™
 1000-1500W

- Compact, versatile 1000W/1500W floodlight for Motion Picture and TV applications
- Maximum fill light performance in lightweight housing
- Special reflector design for wide field and even light distribution
- Supplied in black with mounting yoke with C-clamp, and 3' (1m) power cable with bare leads or connector specified
- Versions also available for 220V operation

Broad 1500W Floodlight

Motion Picture & Television utility fixture for maximum fill. Uses 1000W or 1500W lamp. Supplied with C-clamp and 3' (1m) power cable.

W 1500W V 120V K 89° (horiz.) 44° (vert.) H 5.5lbs. (25kg) * 228 FC (2450 lux) L 10' (3m) L 6.6lbs. (3kg) C 4.7 Cu.ft. (0.133m³)

| Part No. | Description | MSRP \$ |
|----------|--------------------------|---------|
| 4520TV | Broad, 1500W, bare leads | 250.00 |

Broad 1500W Accessories

| Part No. | Description | MSRP \$ |
|----------|-----------------------------|---------|
| add GP | Add for GP connector (20A) | 24.00 |
| add HGP | Add for HGP connector (20A) | 29.00 |
| add GTL | Add for GTL connector (20A) | 24.00 |
| add GR | Add for GR connector (15A) | 24.00 |
| FFT | 1000W 120V lamp | POR |
| FDB | 1500W 120V lamp | POR |
| 1155 | Outrigger Color frame | 108.00 |
| 1344 | Barndoor 4-leaf | 40.00 |
| 1500 | Safety cable, 18" (457mm) | 4.00 |

Suspension systems provide effective solutions to maximising studio potential. The demanding requirements of production, together with the need for short rigging times can be satisfied with the right choice of system.

If a building function is clearly defined at the concept stage optimum layout and overall economies in building will be achieved. This means the most appropriate rigging system can be chosen and tailored to fit the design when construction begins. In existing structures suspension systems can be proposed that dramatically increase production capabilities.

Strand Lighting offers a comprehensive range of suspension equipment including: adjustable pipe and track systems, single and multi-point lighting hoists, scenery hoists and position control systems. From the largest production stage to a small insert studio or newsroom, systems are available that increase flexibility and economy of operation.

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 Lighting for further information and studio suspension system planning advice.

Applications Guide

| Adjustable Pipe & Track Systems | Height* | Studio Area |
|---------------------------------|-------------|----------------------------|
| | ft. (m) | |
| LightRig | 10-13 (3-4) | 100 to 800 (10 to 75) |
| SuperRig | 12-21 (4-7) | 500 to 10000 (50 -to 1000) |

Single Point Hoists

| | | |
|-------------------------------|-------------|-----------------------------|
| Spring Pantograph | 10-15 (3-5) | 500 to 3500 (50 to 300) |
| Pole Operated Pantograph | 10-20 (3-6) | 800 to 4500 (75 to 400) |
| Motorized Pantograph | 20-30 (7-9) | 4500 to 9000 (600 to 800) |
| Motorized or Manual Telescope | 30 (10) | 6500 to 16000 (600 to 1500) |

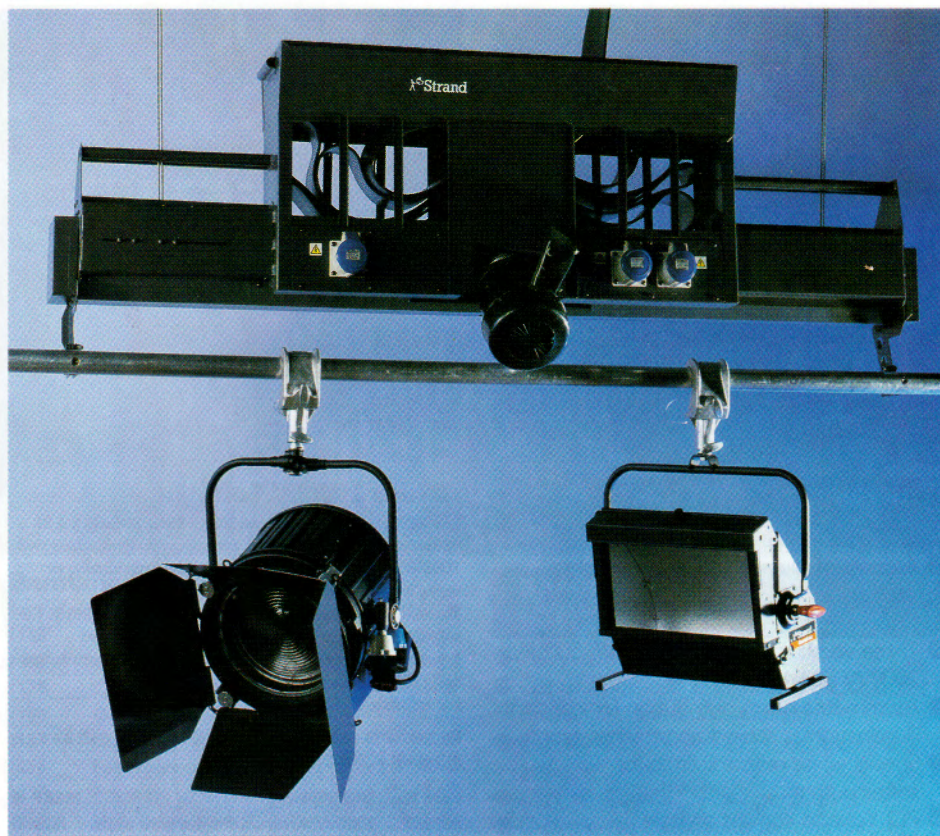
Batten Hoists

| | | |
|---------------------|--------------|-----------------------------|
| Self Climbing Hoist | 18-46 (6-14) | 3500 to 16000 (300 to 1500) |
| Grid Mounted Hoist | 26-46 (8-14) | 6500 to 16000 (600 to 1500) |

* Floor to grid height

SELF CLIMBING LIGHTING HOIST

- Versatile suspension for vertical positioning of multiple fixtures
- Individual or group control from studio floor
- Optional programmable position control
- Compact closed height benefit for low headroom studios
- Helical wind for two or four wire suspension gives constant speed and keeps batten level throughout travel range; minimizes wear on suspension wires and extends operational life
- Low weight
- Rugged design reduces chance of damage due to rough handling when rigging
- Simplified inspection procedure during routine maintenance



SELF CLIMBING LIGHTING HOIST

- Underload safety sensing feature to inhibit further lowering if hoist is fouled
- Mechanical load sensing protects hoist and structure from overload during operation
- Two standard chassis versions, 6' (1.8m) and 8' (2.5m); maximum batten 10' (3m) and 13' (4m), with 2 or 3 fixtures up to total 300lbs. (140kg) SWL
- Choice of lighting circuits and connectors
- Range of mounting kits or accessories available to suit the studio structure
- Versions also available for 220V operation
- Pipe trolley available to provide movement of fixture horizontally

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 power and control signals to chassis-mounted connectors. Two typical arrangements are listed below for either 120V or 220V power supplies. The 6' (1.8m) version includes 4-wire hoist chassis, three-phase 208V 60Hz (or 380V 50Hz) gear motor assembly, 1 1/2" (48mm) diameter 10' (3m) batten, flat cable (up to 34' (10.5m) travel), one twin 20A and one single 20A GP connector assembly (3 circuits). The 8' (2.5m) version is similar, but includes a 13' (4m) batten, flat cable (up to 39' (12m) travel), and two twin 20A GP connector assemblies (4 circuits). Custom versions can be provided to suit particular applications.

6' (1.8m) Self Climbing Hoist

- ☑ 18 - 46' ◆ Travel up to 34' (10.5m) ◆ 32" (0.8m) ▣ 208V 60Hz (or 380V 50Hz) Three-phase Ⓞ 300lbs. (140kg)
- 10' max. (3m max.) Ⓢ 190lbs. (85kg), Ⓢ 260lbs. (120kg)
- ▣ 31 Cu.ft (0.88m³)

8' (2.5m) Self Climbing Hoist

- ☑ 20 - 45' ◆ Travel up to 39' (12m) ◆ 32" (0.8m) ▣ 208V 60Hz (or 380V 50Hz) Three-phase Ⓞ 300lbs. (140kg)
- 13' max. (4m max.) Ⓢ 210lbs. (95kg) Ⓢ 300lbs. (140kg)
- ▣ 43 Cu.ft (1.2m³)

| Description | MSRP \$ |
|--|---------|
| 6' (1.8m) Self-climbing hoist, 208V 60Hz, 3 - 20A circuits, 34' (10.5m) travel | POA |
| 6' (1.8m) Self-climbing hoist, 380V 50Hz, 3 - 20A circuits, 34' (10.5m) travel | POA |
| 8' (2.5m) Self-climbing hoist, 208V 60Hz, 4 - 20A circuits, 39' (12m) travel | POA |
| 8' (2.5m) Self-climbing hoist, 380V 50Hz, 4 - 20A circuits, 39' (12m) travel | POA |

SC Self-Climbing Hoist Accessories

| Description | |
|---|-----|
| Braked Pipe Trolley, 1 1/8" (29mm) spigot | POA |
| Hoist terminal box | POA |
| Hoist mounting kits (ask for details) | POA |



PANTOGRAPHS

- Versatile single point lighting suspension for large and small studios
- Motorized, pole operated or spring versions
- Can be suspended from batten hoists, fixed grids or track and beam systems
- Compact closed height benefit for low studio headroom or batten hoist mounting
- Low weight
- Simple rigging and de-rigging without need to re-balance when changing to fixtures of different weights
- Simple inspection during routine maintenance
- Helical wind provides constant lifting speed, avoids double flexing the wire ropes and extends service life
- Can be used with pipe trolley for horizontal positioning
- Improved safety features
- Versions also available for 220V operation

MP Range of Motorized Pantographs

Motorized Pantographs can be fitted with programmable positioning and have upper and lower travel limits and overload/no-load sensing feature. Operating speed is 22ft/m (6.6m/m) with a SWL of 110lbs. (50kg). Options are for motorized or Pole Operated traverse. A typical arrangement as listed below includes chassis with 1 1/8" (29mm) spigot for hanging pantograph, and 1 1/8" (29mm) receiver for rigging fixture, pantograph tray kit (10), 208V 60Hz (or 380V 50Hz) gear motor. Other versions are described in the data sheet.

13 - 30' (4 - 9m) 9 - 25' (2.8 - 8m) 22' - 30'* (550mm - 760mm*) 208V 60Hz (or 380V 50Hz) Three phase 110lbs. (50kg) 21" x 20" x 31" (532 x 500 x 780mm) 54 - 60lb* (24.3kg - 27.3kg*) 88lbs. (40kg) 13.8 Cu.ft. (0.39m3)

* depending on version

| Description | MSRP \$ |
|--|---------|
| Motorized Pantograph, 208V 60Hz, 10 tray, 1 1/8" (29mm) spigot mount | POA |
| Motorized Pantograph, 380V 50Hz, 10 tray, 1 1/8" (29mm) spigot mount | POA |

MP Motorized Pantograph Accessories

| Description | MSRP \$ |
|---|---------|
| Kit for fixture supply power cable and socket (ask for details) | POA |

HP Range of Pole Operated Pantographs

Pole operated pantographs have individual adjustment of vertical and horizontal fixture position achieved from studio floor level. A motorized pole reduces rigging time. A typical arrangement as listed below includes can rolling chassis (for 1 1/2" (48mm) batten), with 1 1/8" (29mm) spigot for hanging pantograph, and 1 1/8" (29mm) receiver for rigging fixture, and pantograph tray kit (10). Other versions are described in the data sheet.

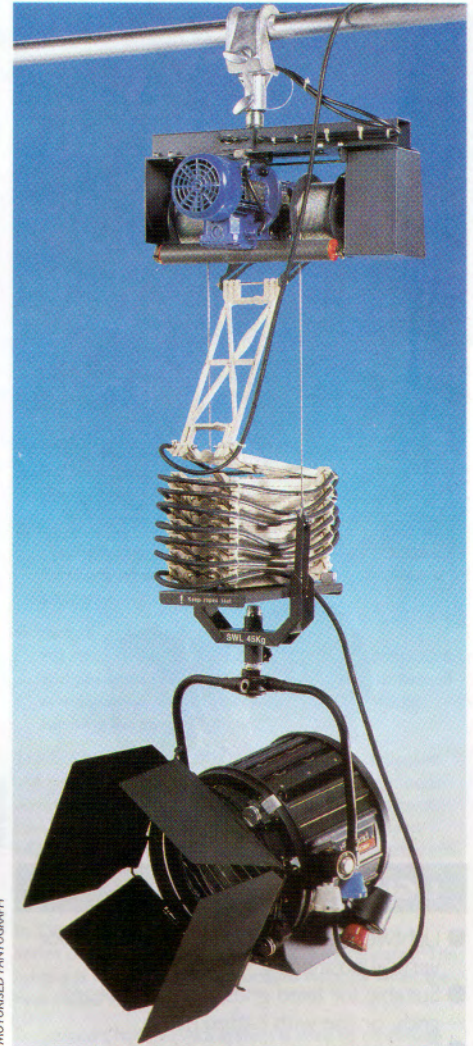
10 - 20' (3 - 6m) 8.75 - 16.75' (2.67 - 5.1m) 14" - 18"* (360mm - 458mm*) 100lbs. (45kg) 20" x 21" x 18" (500 x 528 x 458mm) 39 - 42lb* (17.7kg - 19.1kg*) 55lbs. (25kg) 8.5 Cu.ft. (0.24m3)

* depending on version

| Description | MSRP \$ |
|---|---------|
| Pole Operated Pantograph, 10 tray, roller mount | POA |



POLE OPERATED PANTOGRAPH



MOTORIZED PANTOGRAPH

HP Pole Operated Pantograph Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 1869 | Operating pole, 5' (1.5m) | POA |
| 1870 | Operating pole, 8' (2.5m) | POA |
| 1871 | Operating pole, 11' (3.5m) | POA |
| 1872 | Operating pole, 15' (4.5m) | POA |
| 1874 | Motorized operating pole, 11' (3.5m) | POA |
| 1875 | Motorized operating pole, 15' (4.5m) | POA |
| 1876 | Motorized operating pole, 18' (5.5m) | POA |
| 1860 | Kit for motor pole operation | POA |
| 1857 | Traverse brake kit for roller mount | POA |
| | Kit for fixture supply power cable and socket (ask for details) | POA |

SPRING PANTOGRAPH

- Versatile single point lighting suspension for large and small studios
- Can be suspended from batten hoists, fixed grids or track and beam systems
- Quick operation
- Can be used with pipe trolley for horizontal positioning

2-Spring Pantographs

Two-spring pantograph for loads of 11lbs. to 44lbs. (5kg - 20kg) with 1 1/8" (29mm) spigot at top and 1 1/8" 29mm socket at base. Maximum drop 12' (3.6m).

15' (4.5m) 12' (3.6m) 21" (540mm) 44lbs. (20kg) 16" x 8" x 22" (406 x 200 x 540mm) 35lbs. (15.9kg) 44lbs. (20kg) 2.8 Cu.ft. (0.079m3)

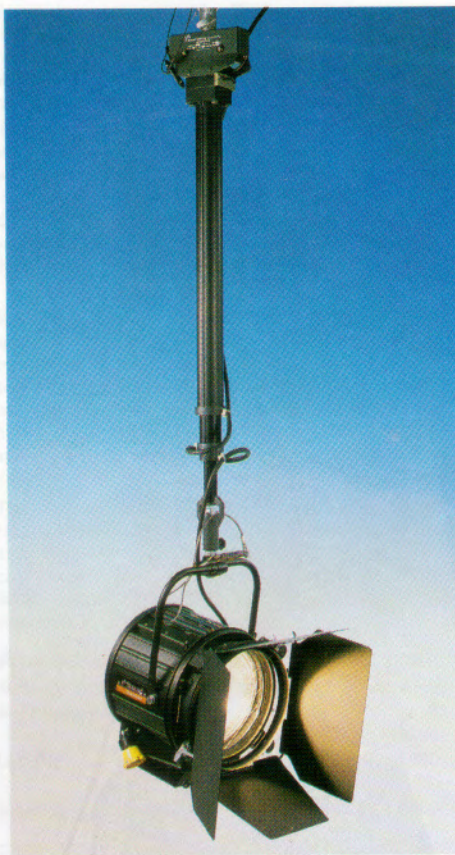
| Description | MSRP \$ |
|---------------------|---------|
| 2-Spring Pantograph | POA |

4-Spring Pantographs

Four-spring pantograph for loads of 44lbs. to 110lbs. (20kg - 50kg) with 1 1/8" (29mm) spigot at top and 1 1/8" (29mm) socket at base. Maximum drop 12' (3.6m).

15' (4.5m) 12' (3.6m) 21" (540mm) 110lbs. (50kg) 16" x 8" x 22" (406 x 200 x 540mm) 42lbs. (19.1kg) 51lbs. (23kg) 2.8 Cu. ft. (0.079m3)

| Description | MSRP \$ |
|---------------------|---------|
| 4-Spring Pantograph | POA |



LIGHTSCOPE™

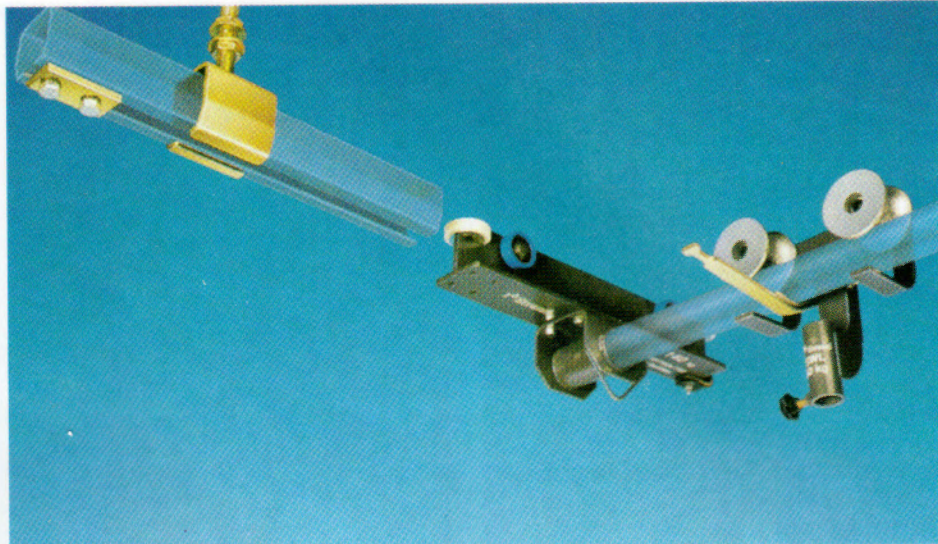
- Lightweight spring-balanced telescope for vertical positioning
- Suitable for fixed grids, track and beam grids, or use with batten hoists
- Special black anodized extruded aluminum tube sections
- Twin constant-force springs with simple adjustment of lifting capacity from 26lbs. to 40lbs. (12 - 18kg)
- Long and short travel versions available
- Suspension mounting 1 1/8" (29mm) spigot
- Stimup for luminaire suspension with C-clamp
- Socket version available to take 1 1/8" (29mm) luminaire spigot
- Anchor point for safety cable
- Cradle and clips for luminaire cable support
- Can be used with pipe trolley for horizontal positioning

Lightscope

Lightweight telescope with simple adjustment of spring force to accommodate luminaire weights between 26lbs. and 40lbs. (12 - 18kg). Suitable for all sizes of studio where vertical repositioning of up to 7.5' (2.4m) 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 ◆ 11.5' (3.5m) ◆ 3.6' (1.1m) ⌀ 40lbs. (18kg)

| Part No | Description | MSRP \$ |
|---------|--|---------|
| 38011 | Lightscope -Long Travel / Heavy Duty | POA |
| 38012 | Lightscope -Short Travel / Heavy Duty | POA |
| 38013 | Lightscope -Long Travel / Medium Duty | POA |
| 38014 | Lightscope -Short Travel / Medium Duty | POA |
| 38015 | Adapter 1 1/8" Spigot to C-clamp | POA |
| 38001 | Brake Pipe trolley - 1 1/8" socket | POA |



LIGHTRIG™ SUSPENSION SYSTEM

- Can position fixtures anywhere in studio rig
- Suitable for situations with restricted height or floor space limitations, small TV studios, news rooms etc.
- Smooth running carriages ensure no jamming of cross bars
- Fixtures are suspended from wheeled trolleys and can be moved along full length of track
- Fixture track can be positioned anywhere along or at an angle to supporting grid rails

LightRig System

LightRig has been designed for the smaller studio to enable flexibility in the positioning of fixtures 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 for studios of 10' to 13' (3 - 4m) height and from 100 to 800 sq.ft (10 - 75m²). A LightRig spring pantograph is available in the system.

LightRig Pantograph ★NEW★

A lightweight luminaire pantograph capable of supporting loads between 11lbs (5kg) and 44lbs (20kg) over a height range of 15" (380mm) to 7.19' (2180mm.) Two "A" springs for loads up to 26.4lbs (12kgs), two "B" springs for loads up to 44lbs (20kgs)

☐ 10'-13' ◆ 7.19' (2.18m) ◆ 15" (380mm) ⌀ 13.2lbs. (6kg)

| Description | MSRP \$ |
|---------------------|---------|
| LightRig Pantograph | POA |

For further information on LightRig contact your local Strand Lighting Representative.

SUPER RIG™

- 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 400lbs. (180kg) evenly distributed over 10' (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

Provides horizontal positioning flexibility for studio fixtures, with a greater support capacity than LightRig for heavier studio luminaires. There are three styles of the SuperRig Track & Beam suspension systems:

SuperRig Track and Pipe

An adjustable pipe grid system, with 10' (3m) spans of 1 1/2" (48mm) aluminum or steel pipe running along pairs of fixed SuperRig tracks. Uses industry-standard 1 1/2" (48mm) pipe carriages. For uniformly distributed loads of up to 300lbs. (140kg) along a 10' (3m) aluminum or steel 1 1/2" (48mm) batten.

SuperRig Track and Track

Similar to the SuperRig Track and Pipe system, but with lengths of steel C-section track in place of pipe. Braked and un-braked carriages are available to support luminaires from the track. For uniformly distributed loads of up to 400lbs. (180kg) along a 10' (3m) C-section steel track.

SuperRig Track and Rail

An articulated suspension system consisting of pairs of fixed SuperRig tracks supporting lengths of extruded aluminum rail. The rails run on articulated trolleys allowing them to be angled between the fixed tracks, giving greater flexibility in the position of luminaires. Luminaires are suspended from carriages running on the rail; braked and un-braked carriages are available. For uniformly distributed loads of up to 300lbs. (140kg) along a 10' (3m) length of extruded aluminum rail.

SuperRig Track Supports

A comprehensive range of support brackets is available to attach the fixed SuperRig tracks to the building structure.

SuperRig Carriages

A range of braked and un-braked carriages is available with 1 1/8" (29mm) sockets for suspending luminaires from the track and rail sections.

Addalite Components

Fixed bars and carriages allowing additional lighting equipment to be hung from the fixed SuperRig tracks.

For further information on SuperRig contact your local Strand Lighting Representative.



COLOR CALL

**COLOUR CALL™
COLOR SCROLLERS**

- Independent color scroller units for use with a range of Strand fixtures or PALS automated units
- Available in two sizes: CCI for 1000W Pars or ellipsoids and CC2 for 2kW and 5kW Studio Fresnels
- Variable scroll length of color filter, maximum 16 frames
- Simple removal of filter scrolls for interchange and replacement
- Fast scroll speed of up to 11 frames in 1 second
- Color change immediately responds to slider position
- Universal digital DMX512 protocol for connection to suitable lighting consoles and compatible with GSX with Genius™ operating Kaleidoscope™ software
- Can be used in self-contained autocycle mode without the need for a control console
- Direct drive scroll position sensor avoiding need for scroll length detection on power up
- Quiet operation with two speed fan gives options of extended filter life or ultra quiet mode
- Reliable show-tested design
- Universal digital DMX 512 control protocol for connection to most lighting control consoles
- Safe low voltage 24Vdc operation
- Accessory holder for diffusion filter or barndoor attachment
- Colour Call, CCI supplied with two backplates for use with 6" and 8" Lekos® 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 scrollers' 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 digital control systems and requires power supply and splitter box. Colour Call CCI units are supplied with two backplates to fit Leko, most Par 64 holders, Cantata, and Alto; CC2 units have cylindrical fan and four adjustable brackets that will fit most studio Fresnels (2kW to 5kW).

Colour Call CCI

24Vdc 0.3A DMX512, PALS 13" x 12" x 3.5" (335 x 305 x 88mm) 4.4lbs. (2kg) 5.5lbs. (2.5kg) 0.88 Cu.ft. (0.02m3) SELV

Colour Call CC2

24Vdc 0.5A DMX512, PALS 22.5" x 20" x 3.5" (570 x 515 x 90mm) 11lbs. (5kg) 13.2lbs. (6kg) 5.6 Cu.ft. (0.16m3) SELV

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 5150 | Colour Call CCI scroller with 2 backplates | 1,210.00 |
| 5151 | Colour Call CC2 with integral fan and 4 adjustable brackets | 1,900.00 |

Colour Call Accessories

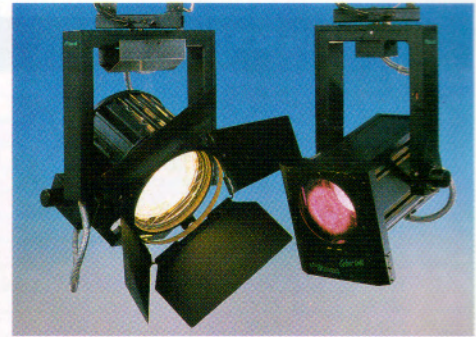
| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 5154 | Colour Call 24 way Power supply, 120V, (up to 24 - CCI or 12 - CC2), with 3' 24V Colour Call power cable (PSU to splitter box) | 1,160.00 |
| 5155 | Digital splitter box, Colour Call (max. 24 - CCI or 12 - CC2) | 1,160.00 |
| 5160 | Data/power cable, Colour Call, 15' | 80.00 |
| 5162 | Data/power cable, Colour Call, 30' | 120.00 |
| 5164 | Data/power cable, Colour Call, 65' | 210.00 |
| 5169 | 24V Colour Call power cable, 25' (PSU to splitter box) | 80.00 |
| 5156 | 8" Leko and Parcan Back Plate | 45.00 |
| 5157 | 6" Leko Back Plate | 40.00 |

**PALS™
AUTOMATED LIGHTING**

- High precision remote control lighting system
- Range of Automated Fresnel, PC and ellipsoidal theatre spotlights, plus TV fixtures
- Automation of pan, tilt and beam spread functions
- Colour Call™ scroller is optional
- Accurate, precise quiet movement using high-specification servomotor/gearbox assemblies
- Resolution of 1:1000 (0.36° of arc)
- Manual over-ride of position
- Custom keyboard control with stand-alone PC computer, or integrated control from extended Galaxy Nova console*
- Versions also available for 220V operation

Strand's Precision Automated Lighting System (PALS) offers the lighting designer all the benefits of remotely-controlled position and focus adjustment by using standard theatre and TV studio fixtures that are familiar, both in beam quality and color temperature.

The high precision remote control facilities provide quicker set-ups and greater flexibility of design while enabling hundreds of re-focused looks to be recalled with the push of a button. PALS dependently repeats the lighting design every time.



The key features of automated lighting are:

- **Economy**
A few PALS spotlights can be re-positioned and change color to perform the tasks of many fixed fixtures. This saves on the number of fixtures, dimmer channels, and valuable focusing time.
- **Safety**
PALS spotlights can be used in difficult or inaccessible locations where operator safety, during focusing, is a concern.
- **Versatility**
All automated functions can be remotely-controlled and positions recorded, allowing the user to record some general purpose presets as well as specific focusing for particular scenes.

The use of automated lighting is growing as designers and managers realize the benefits offered for a modest additional cost. PALS systems are in use in theatre to reduce the size of lighting rigs, to provide additional effects, to reduce re-focusing time, to adjust inaccessible spotlights rigged above the stage set, and to provide safe working conditions for technicians.

In TV, PALS has been adopted for studios where a series of varied productions are regularly repeated. The lighting is re-positioned and focused instantly when the new studio set is in place.

For concert halls, a PALS system is used to reposition the lighting reliably for orchestral concerts, soloists, theatrical performances, conferences or lectures, simply, and without technical staff or any safety risk.

The PALS system consists of automated versions of standard theatre and TV fixtures, a control system (either a stand-alone PC with a custom control panel or an extension to a Galaxy Nova memory control* console), plus data and power distribution equipment.

All PALS fixtures are equipped with pan and tilt motors; Fresnels and PC spotlights have focus drives, and ellipsoidal spotlights have a motorized iris.

*Please contact Strand Lighting for further information.



INCANDESCENT LAMPS

| Watts | ANSI Code | Lumens | Pk Candelas | Color Temp | Rated Life (hrs) | Fixture |
|-------|--------------------|--------|-------------|------------|------------------|-----------------------------------|
| 100W | Q100/CL/DC | 1600 | - | 2800K | 1000 | 3101ST Mizar |
| 150W | 150R40/SP | - | - | 2750K | 2000 | Borderlight |
| 150W | 150R40/FL | - | - | 2750K | 2000 | Borderlight |
| 150W | 150PAR38/SP | - | 2700 | 2750K | 2000 | Borderlight |
| 150W | 150PAR38/FL | - | 2700 | 2750K | 2000 | Borderlight |
| 150W | Q150/CL/MC | 2800 | - | 2900K | 150 | 2205 Leko |
| 150W | Q150/CL/DC | 2800 | - | 2900K | 2000 | 3101ST Mizar |
| 200W | FEV | 5500 | - | 3200K | 50 | 3101ST Mizar |
| 250W | EHT | 5000 | - | 2900K | 2000 | 2205 Leko |
| 300W | 300R40/SP | - | - | 2750K | 2000 | Borderlight |
| 300W | 300R40/FL | - | - | 2750K | 2000 | Borderlight |
| 300W | FKW | 7800 | - | 3200K | 150 | 3102ST Mizar, All Quartets |
| 300W | CP81(220V) | 6900 | - | 3200K | 150 | 3102ST Mizar, All Quartets |
| 300W | FRF/T18 | 12000 | - | 3050K | 400 | All Quartets |
| 400W | Q400CL/MC | 8250 | - | 2900K | 2000 | 2205 Leko |
| 400W | FDA | 10400 | - | 3200K | 400 | lanebeam 650 |
| 500W | EVR | 10450 | - | 2900K | 2000 | 2205 Leko |
| 500W | JD500 (220V) | - | - | 3000K | 300 | 2205 Leko |
| 500W | EHC | 13000 | - | 3200K | 200 | All 6", 8" & 10" Lekos, Cantata |
| 500W | EHD | 10600 | - | 3000K | 2000 | All 6", 8" & 10" Lekos, Cantata |
| 500W | EGN | 13000 | - | 3200K | 100 | Bambino 1kW, Polaris, 3380TV |
| 500W | FDG | 13250 | - | 3200K | 400 | Coda, ladi, Orion |
| 500W | FDN (frosted) | 12800 | - | 3200K | 400 | Coda, ladi, Orion |
| 500W | BTM | 13000 | - | 3200K | 100 | 3380 Fresnel |
| 500W | BTL | 11000 | - | 3050K | 500 | 3380 Fresnel |
| 500W | FRG | 13000 | - | 3200K | 150 | 3102ST Mizar, All Quartets |
| 500W | CP82 (220V) | 12500 | - | 3200K | 150 | 3102ST Mizar |
| 575W | HX600 | 12800 | - | 3200K | 300 | All 6", 8" & 10" Lekos & Cantatas |
| 575W | HX601 | 12800 | - | 3050K | 1500 | All 6", 8" & 10" Lekos & Cantatas |
| 600W | FMR | 12500 | - | 3000K | 2000 | All Quartets |
| 600W | DYS | 17500 | - | 3200K | 75 | Pulsar |
| 600W | FCB | 17000 | - | 3200K | 75 | lanebeam 1kW |
| 650W | CP51 (220V) | 16900 | - | 3200K | 100 | 3380 Fresnel |
| 650W | CP39 (220V) | 16900 | - | 3200K | 100 | Bambino 1kW, Polaris, 3380TV |
| 650W | T13 (220V) | 13500 | - | 3050K | 750 | 3380 Fresnel |
| 650W | FAD | 16500 | - | 3200K | 100 | lanebeam 650W |
| 650W | FBX (frosted) | 16500 | - | 3200K | 100 | lanebeam 650W |
| 650W | DYR (220V) | 16250 | - | 3200K | 75 | Pulsar |
| 650W | FRK/CP89 | 16900 | - | 3200K | 200 | All Quartets |
| 650W | FKR (220V) | 15000 | - | 3100K | 300 | All 6", 8" & 10" Lekos, Cantata |
| 750W | EHF | 20400 | - | 3200K | 300 | All 6", 8" & 10" Lekos, Cantata |
| 750W | EHG | 15400 | - | 3000K | 2000 | All 6", 8" & 10" Lekos, Cantata |
| 750W | EGR | 21000 | - | 3200K | 200 | Bambino 1kW, Polaris, 3380TV |
| 750W | EMD (frosted) | 19500 | - | 3200K | 400 | Orion, ladi |
| 750W | EJG | 20600 | - | 3200K | 400 | Orion, ladi |
| 750W | BTP | 20000 | - | 3200K | 200 | 3380 Fresnel |
| 750W | BTN | 17000 | - | 3050K | 500 | 3380 Fresnel |
| 800W | EMF (220V) | 21600 | - | 3200K | 250 | Orion, ladi |
| 800W | DXX (220V) | 21400 | - | 3200K | 225 | lanebeam 650 |
| 1000W | I000T3Q/CL | 26400 | - | 3200K | 400 | Tubular Ripple |
| 1000W | FFN (VNSP) | - | 400000 | 3200K | 400 | Par 64 |
| 1000W | FFP (NSP) | - | 330000 | 3200K | 400 | Par 64 |
| 1000W | FFR (MFL) | - | 125000 | 3200K | 400 | Par 64 |
| 1000W | FFS (WFL) | - | 40000 | 3200K | 400 | Par 64 |
| 1000W | EXC (VNSP) (220V) | - | 320000 | 3200K | 300 | Par 64 |
| 1000W | EXD (NSP) (220V) | - | 270000 | 3200K | 300 | Par 64 |
| 1000W | EXE (MFL) (220V) | - | 125000 | 3200K | 300 | Par 64 |
| 1000W | EXG (WFL) (220V) | - | 31000 | 3200K | 300 | Par 64 |
| 1000W | CP95 (EWFL) (220V) | - | 15000 | 3200K | 300 | Par 64 |
| 1000W | DXW | 28000 | - | 3200K | 150 | lanebeam 1kW |
| 1000W | FER | 27500 | - | 3200K | 500 | lanebeam 2kW |
| 1000W | EGT | 28000 | - | 3200K | 200 | Bambino 1kW, Polaris, 3380TV |
| 1000W | CP40(220V) | 25500 | - | 3200K | 200 | Bambino 1kW, Polaris, 3380TV |
| 1000W | BTR | 28000 | - | 3200K | 250 | 3380 Fresnel |
| 1000W | CP52 (220V) | 26000 | - | 3200K | 200 | 3380 Fresnel |
| 1000W | BVV | 28000 | - | 3200K | 250 | 3480 Fresnel |
| 1000W | BVT | 24500 | - | 3050K | 500 | 3480 Fresnel |
| 1000W | FEL | 27500 | - | 3200K | 300 | All 6", 8" & 10" Lekos, Cantatas |
| 1000W | FFT | 27000 | - | 3200K | 300 | Iris, Arturo & Broad |
| 1000W | CYV | 28500 | - | 3200K | 250 | Castor, 3480TV, Bambino 2kW |
| 1000W | P2/28(220V) | 25000 | - | 3200K | 300 | ladi, Orion |
| 1000W | FLM | 28000 | - | 3200K | 400 | ladi, Orion |
| 1000W | FHM | 27300 | - | 3200K | 400 | ladi, Orion |

| Watts | Description | Lumens | Pk Candelas | Color Temp | Rated Life (hrs) | Fixture |
|---------|---------------|--------|-------------|------------|------------------|-----------------------------|
| 1200W | T29 | 30500 | - | 3050K | 400 | Optique |
| 1200W | T29 (220V) | 29000 | - | 3050K | 400 | Optique |
| 1500W | CXZ | 38500 | - | 3200K | 300 | Castor, 3480TV, Bambino 2kW |
| 1500W | CWZ | 41000 | - | 3200K | 300 | 3480 Fresnel |
| 1500W | FDB | 41200 | - | 3200K | 400 | Iris, Arturo & Broad |
| 1500W | FGT (frosted) | 40200 | - | 3200K | 400 | Iris, Arturo & Broad |
| 2000W | BVW | 56000 | - | 3200K | 400 | 3480 Fresnel |
| 2000W | FEY | 56600 | - | 3200K | 300 | lanebeam 2kW |
| 2000W | FEX (220V) | 50000 | - | 3200K | 300 | lanebeam 2kW |
| 2000W | CP43 | 55000 | - | 3200K | 400 | Cadenza EP |
| 2000W | FTM (220V) | 54000 | - | 3200K | 400 | Cadenza EP |
| 2000W | CP92 | 55000 | - | 3200K | 400 | Alto |
| 2000W | CP92 (220V) | 52000 | - | 3200K | 400 | Alto/Toccata |
| 2000W | CYX | 56000 | - | 3200K | 400 | Castor, 3480TV, Bambino 2kW |
| 2000W | FKK (220V) | 54000 | - | 3200K | 400 | Castor, 3480TV, Bambino 2kW |
| 2500W | CP91 (220V) | 67500 | - | 3200K | 400 | Alto/Toccata |
| 5000W | DPY | 145000 | - | 3200K | 500 | Pollux, Bambino 5kW |
| 5000W | CP29 (220V) | 135000 | - | 3200K | 500 | Pollux, Bambino 5kW |
| 10,000W | DTY | 290000 | - | 3200K | 300 | Vega |
| 10,000W | CP83 (220V) | 290000 | - | 3200K | 500 | Vega |
| 20,000W | (220V) | - | - | - | - | Draco |

Note:

1. Please specify voltage when ordering T29, CP52, CP81, CP82, FEX, (P2/27), CP89, as these codes refer to all voltages.
2. 220V lamps are not available for the 120V Iris, Arturo or Broad luminaires used in the United States, Canada or Mexico. However, units for 220V use can be obtained as a special order. Please consult your Strand Lighting Representative.
3. All information in this section is derived from major manufacturers' data. For specific lamp information not shown here, please refer to your lamp supplier.

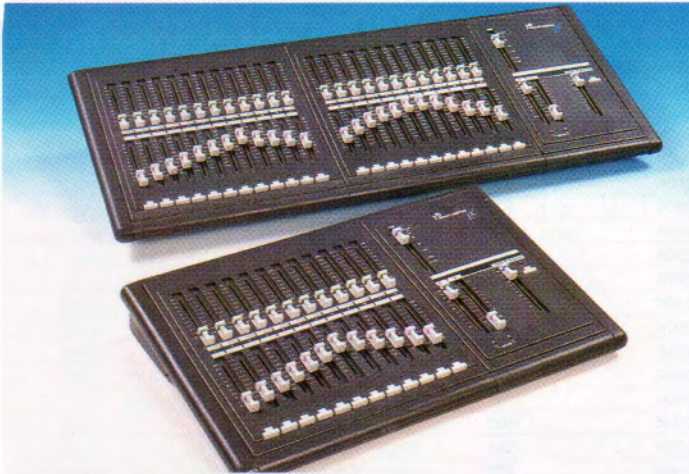
DISCHARGE 'DAYLIGHT' SOURCES

| Watts | Description | Lumens | Color Temp | Rated Life (hrs) | Fixture |
|--------|------------------|---------|------------|------------------|--|
| 200W | 200W HMI/MSR | 16000 | 5600K | 200 | Reporterlight |
| 575W | 575W HMI/DE | 49000 | 5600K | 750 | Sirio 575 |
| 1200W | 1200W HMI/DE | 110000 | 5600K | 750 | Sirio 1200 |
| 1200W | 1200W HMI/SE | 110000 | 5600K | 750 | Super Quasar & Supernova 25/12 |
| 2500W | 2500W HMI/DE | 240000 | 5600K | 500 | Sirio 2500 |
| 2500W | 2500W HMI/SE | 240000 | 5600K | 500 | Super Quasar & Supernova 25/12 & 40/25 |
| 4000W | 4000W HMI/DE | 410000 | 6000K | 500 | Sirio 4000 |
| 4000W | 4000W HMI/SE | 380000 | 6000K | 500 | Super Quasar & Supernova 40/25 |
| 6000W | 6000W HMI/DE | 570000 | 6000K | 350 | Sirio 6000 |
| 12000W | 12000W HMI | 1100000 | 6000K | 250 | Sirio 12k |
| 18000W | 18000W HMI | 1600000 | 6000K | 250 | Sirio 18k |
| 1200W | 1200W HMI/Par 64 | - | 6000K | 1000 | Quasar |
| 1200W | 1200W CID/Par 64 | - | 5500K | 1000 | Quasar |

Note: For detailed information on HMI lamps, please consult the lamp manufacturers' technical literature.

LOW VOLTAGE TUNGSTEN HALOGEN AND SPECIAL LOW VOLTAGE LAMPS

| Watts | Volts | ANSI Code | Lumens | 1/2 Pk angle | Pk Candelas | Color Temp | Rated Life (hrs) | Fixture |
|-------|-------|----------------|--------|--------------|-------------|------------|------------------|---------------|
| 50W | 12 | EXN | - | 38° | 1550 | 3000K | 3000 | Minispot |
| 50W | 12 | EXZ | - | 21° | 3700 | 3000K | 3000 | Minispot |
| 50W | 12 | EXT | - | 10° | 12000 | 3000K | 3000 | Minispot |
| 75W | 12 | EYC | - | 38° | 2250 | 3000K | 3000 | Minispot |
| 75W | 12 | FNW | - | 24° | 7500 | 3000K | 3000 | Minispot |
| 75W | 12 | EYF | - | 12° | 16000 | 3000K | 3000 | Minispot |
| 1000W | 24 | Crown Silvered | 23000 | - | - | - | 70 | Beamlite 1000 |



MANTRIX LX 12 & 24



MANTRIX MX 24

MANTRIX® LX 12 & 24 CHANNELS

- 2-scene preset manual analog control console with "slider per dimmer" operation
- Easy lighting control for small venues, television shows, schools and clubs
- 12 and 24 channel versions
- Lightweight and portable
- Output LED mimic
- Split dip-less manual or timed crossfade
- Individual bump button per channel
- Bump level master
- Blackout switch & status indicator
- Gray finish with light gray key caps
- Supplied with 120V power supply, and 25' (7.6m) analog control cable (s)
- Can be used for 220V operation with appropriate power supply

Mantrix LX 12

12 channel 2-scene preset manual control console with analog output on DB15F connector. The console is powered by an external power supply. Power supply and 25' (7.6m) control cable are included. An analog splitter cable (8143) is required to connect the console to two 6kW /12kW CD80 packs.

15Vdc 12 12 0 to +10V 2 - 12 17.8" x 11.2" x 2.6" (452 x 285 x 65mm) 4.4lbs. (2kg) 17.8" x 13.8" (452 x 350mm) 5.3lbs. (2.4kg) 0.88 Cu.ft. (0.025m3) SELV

| Part No. | Description | MSRP \$ |
|----------|-----------------------------|---------|
| 61213 | Mantrix LX12 manual console | 615.00 |

Mantrix LX 24

24 channel 2-scene preset manual control console with analog output on two DB15F connectors. The console is powered by an external power supply. Power supply and two 25' (7.6m) control cables are included. Two analog splitter cables (8143) are required to connect the console to four 6kW /12kW CD80 packs.

15Vdc 24 24 0 to +10V 2 - 24 28" x 11.2" x 2.6" (714 x 285 x 65mm) 8.8lbs. (4kg) 28" x 14" (714 x 350mm) 10lbs. (4.6kg) 0.88 Cu.ft. (0.025m3) SELV

| Part No. | Description | MSRP \$ |
|----------|-----------------------------|---------|
| 61225 | Mantrix LX24 manual console | 945.00 |

Mantrix LX Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 66094 | Additional analog output cable, DB15M/DB15M, 25' (7.6m) | 150.00 |
| 8146 | Additional analog output cable, DB15M/DB15M, 50' (15m) | 175.00 |
| 8147 | Additional analog output cable, DB15M/DB15M, 100' (30m) | 225.00 |
| 8143 | Analog splitter cable, DB15F/2 - DB15M, 18" (450mm) | 110.00 |
| 8878 | Vinyl cover for Mantrix LX 12 | 58.00 |
| 8879 | Vinyl cover for Mantrix LX 24 | 58.00 |

See page 50 for receptacle stations

MANTRIX® 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, 512 dimmers
- Lightweight and portable
- LCD menu and data screen with choice of English, French or German language
- Optional video terminal display
- Manual, timed and recorded timed crossfades
- Individual bump 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
- MIDI interface for automated effects and system expansion
- Optional memory storage card
- Printer output
- Supplied with 120V power supply and 25' (7.6m) DMX control cable
- Can be used for 220V operation with appropriate power supply

Mantrix MX 12

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

15Vdc 12 12 0 to +10V 2 - 12 48 DMX512, AMX192, MIDI 25.6" x 11.2" x 2.6" (651 x 285 x 65mm) 9.5lbs. (4.3kg) 25.6" x 13.8" (651 x 350mm) 13.4lbs. (6.1kg) 0.88 Cu.ft. (0.025m3) SELV

| Part No. | Description | MSRP \$ |
|----------|----------------------------------|----------|
| 64113 | Mantrix MX12, 12 Channel Console | 2,495.00 |

Mantrix MX 24

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

15Vdc 24 24 0 to +10V 2 - 24 96 DMX512, AMX192, MIDI 35.9" x 11.2" x 2.6" (912 x 285 x 65mm) 12.5lbs. (5.7kg) 35.9" x 13.8" (912 x 350mm) 18.3lbs. (8.3kg) 1.8 Cu.ft. (0.051m3) SELV

| Part No. | Description | MSRP \$ |
|----------|----------------------------------|----------|
| 64125 | Mantrix MX24, 24 Channel Console | 3,295.00 |

Mantrix MX 48

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

15Vdc 48 48 0 to +10V 2 - 48 192 DMX512, AMX192, MIDI 32.4" x 21.4" x 5.4" (822 x 545 x 137mm) 19.6lbs. (8.9kg) 32.4" x 23.6" (822 x 600mm) 28lbs. (12.7kg) 2.8 Cu.ft. (0.08m3) SELV

| Part No. | Description | MSRP \$ |
|----------|----------------------------------|----------|
| 64149 | Mantrix MX48, 48 Channel Console | 4,235.00 |

Mantrix MX Accessories

| Part No. | Description | MSRP \$ |
|----------|---------------------------------------|----------|
| 8090 | DMX output cable, A5M/A5F, 25' (7.6m) | 150.00 |
| 8091 | DMX output cable, A5M/A5F, 50' (15m) | 175.00 |
| 8092 | DMX output cable, A5M/A5F, 100' (30m) | 225.00 |
| 11052-10 | AMX output cable, A4F/A4M, 12' (3.6m) | 100.00 |
| 11052-40 | AMX output cable, A4F/A4M, 25' (6m) | 150.00 |
| 11052-20 | AMX output cable, A4F/A4M, 50' (15m) | 175.00 |
| 11052-30 | AMX output cable, A4F/A4M, 100' (30m) | 225.00 |
| 8155 | Terminal display, 14" | 775.00 |
| 8320 | Memory card, 64kB | 185.00 |
| 8490 | Printer with cable | 1,225.00 |
| 8875 | Vinyl cover, Mantrix MX 12 | 55.00 |
| 8876 | Vinyl cover, Mantrix MX 24 | 60.00 |
| 8877 | Vinyl cover, Mantrix MX 48 | 70.00 |

For details on demultiplex units, please refer to page 42 See page 50 for receptacle stations.



GSX 125 CHANNELS WITH MONITOR AND HANDHELD CONTROL



GSX™ with GENIUS™ 25, 50, 75, 100, 125 CHANNELS

- New generation lighting console combining a powerful hardware platform with application software packages
- Designed for entertainment lighting and presentations
- Low-priced entry level with channel number and feature upgrade paths
- Common hardware platform for all systems
- Integrated 3.5" disk drive and separate VGA color monitor
- Comprehensive control surface including command panel, two independent playbacks, wheel, LCD and 5 'pages' of 24 submasters
- 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
- Selectable Multiplex Dimmer Protocols DMX, AMX and D54
- Optional Kaleidoscope extension software package expands Genius to include advanced effects and intelligent color scroller control
- Optional Communiqué extension 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
- Wide range of accessories
- Software available in different languages
- Supplied with 120V power supply
- Can be used for 220V operation with appropriate power supply

GSX™ Control Console

Compact and versatile hardware platform for use with Genius, plus optional Kaleidoscope and Communiqué software. With two playbacks, 24 submasters, LCD display and integral 3.5" floppy disk drive. Supplied with power supply.

☑ 22Vdc ☑ 25-125 ▶ 512 ✎ 24 ⚙ 200 ◼ DMX512, AMX192, MIDI, MSC ◼ 28.4" x 11.2" x 2.6" (751 x 285 x 65mm) ⚖ 12lbs. (5.5kg) ◼ 28.4" x 15" (751 x 380mm) ✓ SELV

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 64001 | GSX Console (requires Genius software minimum) | 1995.00 |

GSX Peripherals & Accessories

| Part No. | Description | MSRP \$ |
|----------|---------------------------------------|----------|
| 66011 | Monitor, 14", VGA | 350.00 |
| 66041 | Handheld, designer's, GSX | 1,200.00 |
| 66021 | Printer | 615.00 |
| 11052-10 | AMX output cable, A4F/A4M, 12' (3.6m) | 100.00 |
| 11052-40 | AMX output cable, A4F/A4M, 25' (6m) | 150.00 |
| 11052-20 | AMX output cable, A4F/A4M, 50' (15m) | 175.00 |
| 11052-30 | AMX output cable, A4F/A4M, 100' (30m) | 225.00 |
| 8090 | DMX output cable, A5M/A5F, 25' (7.6m) | 150.00 |
| 8091 | DMX output cable, A5M/A5F, 50' (15m) | 175.00 |
| 8092 | DMX output cable, A5M/A5F, 100' (30m) | 225.00 |
| 66031 | Vinyl cover, GSX console | 50.00 |
| 66032 | Vinyl cover, 14" monitor | 50.00 |
| 66051 | Touring case, GSX Console | 395.00 |
| 66052 | Touring case, 14" monitor | 345.00 |

For details on demultiplex units, please refer to page 42 See page 50 for receptacle stations.

LBX™ ★NEW★ 25, 50, 75, 100, 125 CHANNELS

- New generation memory + manual lighting console combining a powerful hardware platform with application software packages
- Rugged console designed for concert lighting, multipurpose venues and touring
- Common hardware platform, custom configurable as 96 channel single preset desk, 72 channel single preset with 5 'pages' of 24 submasters, 48 channel two preset desk, or 36 channel two preset desk with 5 'pages' of 24 submasters

LBX 125 CHANNELS WITH MONITOR AND HANDHELD CONTROL



- Integral auto-sensing 120V - 240V power supply
- Integrated 3.5" disk drive and separate VGA color 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 extension software package expands Genius to include advanced effects and intelligent color scroller control
- Optional Communiqué extension 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
- Wide range of accessories

LBX™ Control Console

Compact and versatile hardware platform for use with Genius, plus optional Kaleidoscope and Communiqué software. With two playbacks, LCD display and integral 3.5" floppy disk drive and power supply.

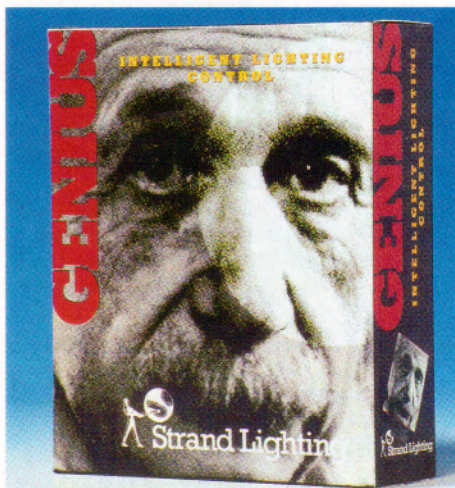
☑ 120V - 240V (autosensing) ☑ 25 - 125 ▶ 512 ✎ 24 ⚙ 200 ◼ DMX512, AMX192, MIDI, MSC ◼ 751 x 285 x 65mm ⚖ 5.5kg ◼ 751 x 380mm ✓ SELV

| Cat. No. | Description | MSRP \$ |
|----------|--|----------|
| 64051 | LBX Console (requires Genius software minimum) | 5,775.00 |

LBX Peripherals & Accessories

| Cat No. | Description | MSRP \$ |
|---------|-------------------------------|----------|
| 66011 | Monitor, 14", VGA | 350.00 |
| 66041 | Handheld designer's control | 1,200.00 |
| 66021 | Printer | 615.00 |
| 8090 | DMX control cable, 25' (7.5m) | 150.00 |
| 8091 | DMX control cable, 50' (15m) | 175.00 |
| 8092 | DMX control cable, 100' (30m) | 225.00 |
| 66033 | Dust cover, LBX console | 185.00 |
| 66032 | Dust cover, 14" monitor | 50.00 |
| 66053 | Touring case, LBX Console | 770.00 |
| 66052 | Touring case, 14" monitor | 345.00 |

For details on demultiplex units, please refer to page 42 For AMX & D54 accessories please contact Strand Lighting



GENIUS OPERATING SOFTWARE

GENIUS™ OPERATING SOFTWARE

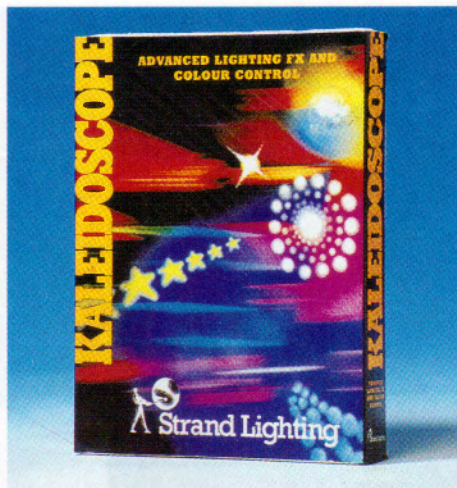
- Foundation software for GSX and LBX consoles
- Versions for 25, 50, 75, 100, and 125 channels
- Provides basic operating functions
- Choice of languages supplied
- Copy protected
- Includes 3.5" disk and handbook

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 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. 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

| Cat. No. | Description | MSRP \$ |
|----------|------------------------------|----------|
| 67010 | Genius, 25 channels English | 990.00 |
| 67020 | Genius, 50 channels English | 1,380.00 |
| 67030 | Genius, 75 channels English | 1,770.00 |
| 67040 | Genius, 100 channels English | 2,160.00 |
| 67050 | Genius, 125 channels English | 2,550.00 |
| 67000 | Genius, Upgrade 25 channels | 445.00 |
| 67013 | Genius, 25 channels French | 990.00 |
| 67023 | Genius, 50 channels French | 1,380.00 |
| 67033 | Genius, 75 channels French | 1,770.00 |
| 67043 | Genius, 100 channels French | 2,160.00 |
| 67053 | Genius, 125 channels French | 2,550.00 |
| 67015 | Genius, 25 channels Spanish | 990.00 |
| 67025 | Genius, 50 channels Spanish | 1,380.00 |
| 67035 | Genius, 75 channels Spanish | 1,770.00 |
| 67045 | Genius, 100 channels Spanish | 2,160.00 |
| 67055 | Genius, 125 channels Spanish | 2,550.00 |



KALEIDOSCOPE OPERATING SOFTWARE

KALEIDOSCOPE™ EXTENSION SOFTWARE

- Extension software for GSX and LBX consoles
- Provides additional effects and color scroller functions
- Copy protected
- Includes 3.5" disk and handbook

Kaleidoscope™ Extension Software

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

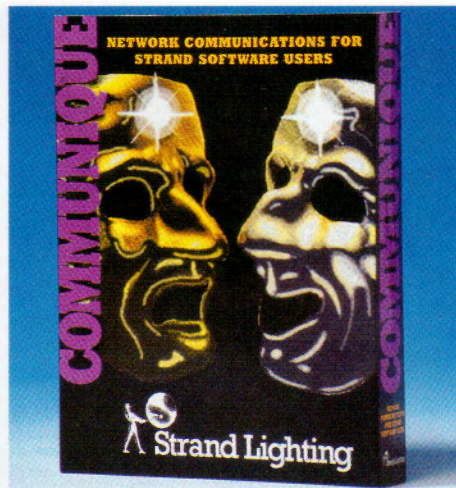
Build, Cycle, Flicker and Random effect types in addition to Chase (which is available with Genius). 30 effects memories. Auxiliary control of effects from audio or MIDI input. Step time & effect fade in time override with wheel. Audio/MIDI sensitivity control with wheel. Macros triggered by audio input.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

| Cat. No. | Description | MSRP \$ |
|----------|--------------|---------|
| 67060 | Kaleidoscope | 350.00 |

GENIUS™ OFF LINE EDITOR

★ NEW ★

- Off-line editor program for PC with MS-DOS operating system
- To prepare lighting, special effects, and system setup memories on floppy disk in advance of using the lighting console
- Emulates either a GSX or LBX console running 125 channel Genius with Kaleidoscope and Communiqué extension software
- Standard PC keyboard used for all GSX/LBX panel control functions
- Permits playback of recorded memories and effects to be displayed in real time on the PC monitor
- Supplied with full Genius manual, program disk, security key, and waterproof color keyboard legend



COMMUNIQUE OPERATING SOFTWARE

COMMUNIQUE™ EXTENSION SOFTWARE

- Extension software for GSX and LBX consoles
- Provides communications and auxiliary control functions
- Copy protected
- Includes 3.5" disk and handbook

Communiqué™ Extension Software

Optional 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.

| Cat. No. | Description | MSRP \$ |
|----------|-------------|---------|
| 67070 | Communiqué | 550.00 |



Genius Off-Line Editor

A stand-alone program for a PC using MS-DOS to emulate the operational features of a GSX or LBX console running Genius 125, Kaleidoscope and Communiqué software. Memories may be recorded and viewed in real-time on the PC monitor, and the information recorded to disk for transfer to the GSX or LBX console at a later date.

| Cat. No. | Description | MSRP \$ |
|----------|---------------------|---------|
| 67120 | Genius OLE, English | 385.00 |
| 67123 | Genius OLE French | 385.00 |
| 67125 | Genius OLE Spanish | 385.00 |



STRAND 430, STRAND 530

★NEW★

LOW/MID RANGE HIGH-CAPABILITY CONSOLE PLATFORMS

- Mid-range hardware platforms to operate with a selection of high capability Strand application software
- For professional theatre, concert halls, TV studios and touring
- Choice of either Lightpalette or Genius+ operating software - a range of optional extension software is also available
- Strand 430 is equipped with Intel486DX2™ motherboard for Lightpalette or Genius+ Operating software to a maximum of 350 intensity channels, 250 scrollers and moving light attributes, 1024 DMX mux outputs
- Strand 530 has an Intel Pentium™ Processor motherboard for higher channel capacities when using Lightpalette or Genius+ Operating software to a maximum of 600 intensity channels, 400 scrollers and moving light attributes, 1024 DMX mux outputs
- Three large backlit graphic LCD displays with context sensitive soft keys
- Hard disk for show storage
- 6 Pages of 24 individually programmable submasters
- 6 User programmable 'Supemasters' for function mastering
- Dedicated moving light attribute controls
- Simultaneous digital and analogue multiplex protocols
- Two split crossfade playbacks for software-selectable single or twin playback operation
- Twin programmable Grand Masters
- Two SVGA color monitor outputs
- Integral 3.5" disk drive

Strand 430

Transportable or installed memory lighting console for use with Lightpalette or Genius+ operating software and additional optional Strand extension software packages. The Operating System package chosen sets the capacity of the system in increments from 100 intensity channels plus 100 color or motion attributes to a maximum of 350 channels plus 250 attributes. Future expansion of capacity or functions (through extension software) is designed into the system through the purchase of upgrade packs or additional extension software.

⚡ 120V-240V universal 50/60Hz █ 350 ch. + 250 att. ▶ 1024 ⚡ unlimited █ DMX512, D54 AMX192 █ 48" x 24" x 6" (1220 x 620 x 150mm) █ 99lb (45kg) █ 48" x 26" (1220 x 670mm) █ 116lb (53kg) █ 0.304m³

| Cat. No. | Description | MSRP \$ |
|----------|---|---------|
| 64512 | Strand 430 console, (requires Lightpalette or Genius+ software minimum) | POA |



STRAND 430, & STRAND 530 CONTROLS

Strand 530

Transportable or installed memory lighting console for use with Lightpalette or Genius+ operating software and additional optional Strand extension software packages. The Operating System package chosen sets the capacity of the system in increments from 100 intensity channels plus 100 color or motion attributes to a maximum of 600 channels plus 400 attributes. Future expansion of capacity or functions (through extension software) is designed into the system through the purchase of upgrade packs or additional extension software.

⚡ 120V-240V universal 50/60Hz █ 600 ch. + 400 att. ▶ 1024 ⚡ unlimited █ DMX512, D54 AMX192 █ 48" x 24" x 6" (1220 x 620 x 150mm) █ 99lb (45kg) █ 48" x 26" (1220 x 670mm) █ 116lb (53kg) █ 0.304m³

| Cat. No. | Description | MSRP \$ |
|----------|---|---------|
| 64514 | Strand 530 console, (requires Lightpalette or Genius+ software minimum) | POA |

SOFTWARE

FOR STRAND 430, STRAND 530 CONSOLES

- Foundation software and optional extension software for Strand 430 and 530 consoles
- Upgradable at any time for increased capacity or functionality
- Choice of custom-configurable foundation software: Lightpalette® for operators familiar with the Lightpalette 90 system, or Genius plus™, the direct-action or command line operator interface based on Genius™ software for GSX/LBX consoles
- Foundation starter packs provide basic lighting control operations and special effects for 100 intensity channels plus 100 scroller/moving light attributes (additional extension software is required for integrated moving light control); channel upgrade packs available in 50 or 200 intensity channel stages to reach desired maximum capacity
- Choice of languages

- Supports single or twin playback operation, single or dual SVGA monitor displays, 6 pages of 24 individually programmable submasters (independent or inhibitive) with 6 pages, additional 6 'supemasters' for custom function mastering, 10 separate effects playbacks, and macros
- Developing extension software packs for remote control, networking, moving light attribute control, dimmer reporting, and off-line editing

Lightpalette® Foundation software

Foundation operating software based on Lightpalette 90 methods to provide the primary functionality for the Strand 430 or Strand 530. Available as a 100 channel starter pack and 50 or 200 channel incremental channel upgrades to a maximum of 350 intensity channels (plus 250 attributes) for the Strand 430 and 600 intensity channels (plus 400 attributes) for the Strand 530. Operations manual and software is supplied with a choice of languages. Features as follows:

Intensity and color scroller control. Mux output DMX 512, AMX 192 or D54. 2 soft (programmable) dimmer patches. 600 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. Single or dual manual or timed playback for up to 128 simultaneous fades with separate fade and delay times. When in dual playback mode, playbacks can follow separate pointers in the same cue sheet. 6 pages of 24 programmable submasters, configurable to normal, independent or inhibitive operation. Integrated special effects with Chase, Build, Cycle, Flicker and Random effect types. 99 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. '@ Color' facility to select scroller color frames directly. Color channels with frame numbers on screen. Combined intensity and color instructions from the channel control. Intelligent Color Control software manages potential conflicts between submasters, playbacks, channel control and Grand Masters to avoid unwanted scroll resets. Show storage & retrieval using 3.5" disk or hard drive. Support for full-function Designer's Remote. Multiple monitor displays including 'on-line help' screen. Support for popular printers: HP, Epson & IBM

Genius plus™ Foundation software

Foundation operating software based on Genius for GSX/LBX to provide the primary functionality for the Strand 430 or Strand 530. Available as a 100 channel starter pack and 50 or 200 channel incremental channel upgrades to a maximum of 350 intensity channels (plus 250 attributes) for the Strand 430 and 600 intensity channels (plus 400 attributes) for the Strand 530. Operations manual and software is supplied with a choice of languages. Features as for Lightpalette Foundation software above.

Communiqué plus™ Extension Software

Optional software package to extend the Lightpalette software or Genius plus 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.
- Supermaster control for DMX IN. Macros triggered by 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 ASCII 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.

Future Extension Software

A range of optional software packages are planned for release in 1995 to extend the Lightpalette software or Genius plus on the Strand 430 and Strand 530 consoles:

- Network extension software for remote color monitors, remote control and DMX distribution.
- Multi-attribute control of automated lights, scanners and scrollers using the additional wheels and tracker ball controls on the console
- Reporter™ extension software for dimmer configuration and load reporting for CD80 Supervisor™ dimmers.
- Off-line editor program to prepare memories and system configurations on a remote PC.

Intel486 and Pentium are trademarks of Intel Corporation

LIGHTPALETTE® 90

Representing a significant advancement, the Lightpalette 90 range of consoles has all the features expected from the very top end of the world's control systems - and much more.

Now available in three versions, the Lightpalette 90 is Strand Lighting's high performance control console range for use in any facility requiring optimum flexibility and reliability. Lightpalette has been the control standard for more than a decade with hundreds of installations world wide.

Lightpalette 90 has evolved with the critical input of lighting designers, consultants and operators to increase the versatility and the speed of programming to match and exceed the demands of today's sophisticated world market.

Compact Lightpalette 90 has increased channel and dimmer capacity, and 48 submasters in the same double-tier desk as mini Lightpalette 90.

The Lightpalette command line philosophy has been enhanced and refined in this generation of control consoles and represents the combined input of ten years of Lightpalette users. Lightpalette 90, mini and Compact Lightpalette 90 are fully compatible, and an off-line editor is provided with each console. The off-line editor is available in versions for either DOS or Macintosh computers and allows full off-line access to cues, effects, patch and submaster assignments as well as ASCII light cues.

mini LIGHTPALETTE® 90 576 CHANNELS - 1024 DIMMERS

- Developed for use in a wide range of touring, theatrical and studio applications
- Controls 1024 dimmers on 576 control channels
- 24 fully overlapping submasters with bump buttons
- Average 600 cues per show
- Eight manual sliders to control multi part fades
- Up to 128 fades simultaneously
- Integrated alpha keyboard
- Word processor function and notes display for making show notes
- Alpha numeric patching with 64 user-definable fade profiles
- Effects with up to 99 steps with individual fade in, dwell and out times
- Effects may be controlled by cues or submasters
- Off-line cue editor supplied with each console available in DOS or Mac versions
- Up to two focus remotes with LCD display, independent command line and full function access.
- Diagnostic and test software included in all consoles
- mini Lightpalette 90 features a universal power supply suitable for use on any 50/60Hz supply voltage in the world.

mini Lightpalette 90

Mid range lighting console for 1024 dimmers on 576 control channels. Supplied without monitors, but with vinyl cover and 25' DMX control cable. Optional remote video repeater supports two remote color monitors.

☑ 120V/220V 50/60Hz (universal) ☐ 576 ▶ 1024 ● 600
 ■ DMX512 ■ 43" x 25.6" x 7.6" (1093 x 651 x 192mm)
 ■ 65lbs. (29.5kg) ■ 43" x 30" (1093 x 750mm) ■ 88lbs. (40kg)
 ■ 9.2 Cu.ft. (0.26m3)



COMPACT LIGHTPALETTE 90



MINI LIGHTPALETTE 90

| Part No. | Description | MSRP \$ |
|----------|-----------------------------------|-----------|
| 9200 | mini Lightpalette 90, no monitors | 17,765.00 |

COMPACT LIGHTPALETTE® 90 1152 CHANNELS - 2048 DIMMERS











- Developed for use in mid range applications
- Controls 2048 dimmers on 1152 control channels
- 48 fully overlapping submasters with bump buttons (submasters cannot be remoted).
- Average 600 cues per show
- Eight manual sliders to control multi part fades
- Up to 128 fades simultaneously
- Integrated alpha keyboard
- Word processor function and notes display for making show notes
- Effects with up to 99 steps with individual fade in, dwell and out times
- Effects may be controlled by cues or submasters
- Up to 999 user defined Macros
- Real time clock
- Off-line cue editor supplied with each console available in DOS or Mac versions
- Up to three hand-held focus remotes with LCD display, independent command line and full function access
- Up to three consoles may be used simultaneously with independent command lines, video displays, disk drives and full function access
- Compact Lightpalette 90 features a universal power supply suitable for use on any 50/60Hz supply voltage in the world.

Compact Lightpalette 90

High performance lighting console for 2048 dimmers on 1152 control channels. Supplied without monitors, but with vinyl cover and 25' DMX control cable. Optional

remote video repeater supports two remote color monitors.

All systems require a custom quotation and pricing is available from your nearest Strand Lighting Dealer or Representative.

 120V/220V 50/60Hz (universal)
  1152
  2048
  600
 DMX512
  43" x 25.6" x 7.6" (1093 x 651 x 192mm)
 65lbs. (29.5kg)
  43" x 30" (1093 x 750mm)
  88lbs. (40kg)
 9.2 Cu.ft. (0.26m³)

| Part No. | Description | MSRP \$ |
|----------|--------------------------------------|---------|
| 64930 | Compact Lightpalette 90, no monitors | POA |

LIGHTPALETTE® 90

1728 CHANNELS - 1728 DIMMERS

- Developed for use in a wide range of theatrical and studio applications
- Controls 1728 dimmers on 1728 control channels
- Up to 48 fully overlapping submasters with bump buttons per console
- Average 600 cues per show
- Eight manual sliders to control multi part fades
- Up to 128 fades simultaneously
- Integrated alpha keypad
- Word processor function and notes display for making show notes
- Alpha numeric patching with 64 user-definable fade profiles
- Effects with up to 99 steps with individual fade in, dwell and out times
- Effects may be controlled by cues or submasters
- Up to 999 user defined Macros
- Real time clock
- Off-line cue editor supplied with each console available in DOS or Mac versions
- Up to three focus remotes with LCD display, independent command line and full function access
- Up to three desks with independent command lines, video displays, disk drives and full function access
- Simultaneous access to DMX 512 and AMX 192 control protocols for unlimited flexibility
- Full tracking backup available with duplicate electronics, power supplies and disk drives
- Automatic fault diagnoses and changeover to back up system to ensure absolute reliability
- Lightpalette 90 features a universal power supply suitable for use on any 50/60Hz supply voltage in the world.
















Lightpalette™ 90

High performance lighting console for 1728 dimmers on 1728 control channels. The electronics tower includes ports to support a printer, up to three focus remotes and three desks simultaneously. Each desk and remote has an independent command line allowing the console operator and remote users to work on the system at the same time. All desks generate their own video displays and have a disk drive for off-line storage. A remote video port allows the user to connect remote color monitors as needed to each desk wherever



LIGHTPALETTE 90

remote monitoring capability is required. All desks may have a full complement of submasters. Desks are available in single or double tier configurations. Supplied with desk, tower, Vinyl cover and 25' DMX control cable. Optional remote video repeater supports two color monitors. All systems require a custom quotation and pricing is available from your nearest Strand Lighting Dealer or Representative.

 120V/220V 50/60Hz (universal)
  1728
  1728
  600
 DMX512
  Desk: 43" x 25.6" x 7.6" (1093 x 651 x 192mm)
  Electronics Tower: 25.3" x 12.5" x 22" (642 x 318 x 559mm)
  Desk: 65lbs. (29.5kg)
  Tower: 90lbs. (41kg)
  Desk: 43" x 30" (1093 x 750mm),
  Tower: 25.3" x 12.5" (642 x 318mm)
  Desk: 88lbs. (40kg)
  Tower: 110lbs. (50kg)
  Desk: 9.2 Cu.ft. (0.26m³)
  Electronics Tower: 20.9 Cu.ft. (0.59m³)

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 9422 | FTBU (Full Tracking Backup) tower | POA |
| 9423 | Single electronics tower | POA |
| 9411 | Desk with dual electronics and 24 submasters | POA |
| 9412 | Desk with dual electronics and 48 submasters | POA |
| 9413 | Desk with single electronics and 0 submasters | POA |
| 9414 | Desk with single electronics and 24 submasters | POA |
| 9415 | Desk with single electronics and 48 submasters | POA |
| 9418 | 24 submaster outrigger | POA |
| 9419 | 48 submaster outrigger | POA |

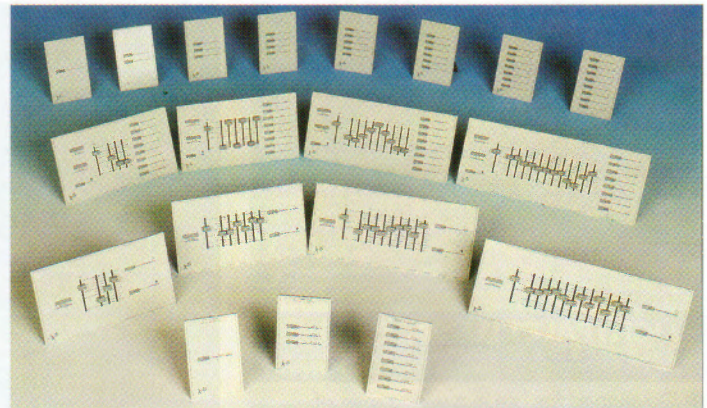
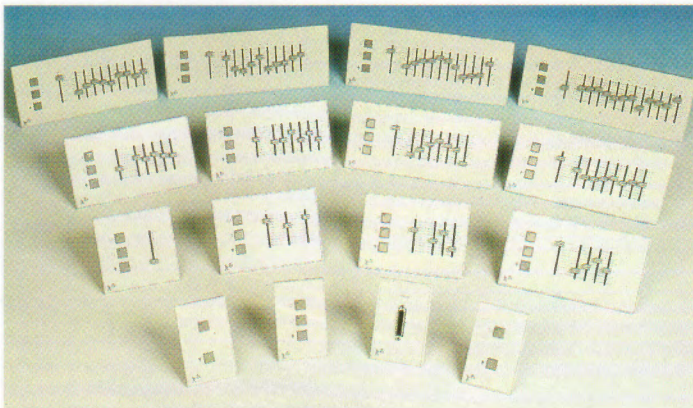
Lightpalette 90 Accessories

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 9425 | Color monitor* | 790.00 |
| 8166 | Handheld focus remote with 12' cable | 1,295.00 |
| 8335 | Remote video repeater with 25' cable | 495.00 |
| 8490 | Printer with cable | 1,225.00 |
| 11052-10 | AMX output cable, Overtemp cable, A4F/A4M, 12' (3.6m) | 100.00 |
| 11052-40 | AMX output cable, Overtemp cable, A4F/A4M, 25' (6m) | 150.00 |

| | | |
|--------------|---|----------|
| 11052-20 | AMX output cable, Overtemp cable, A4F/A4M, 50' (15m) | 175.00 |
| 11052-30 | AMX output cable, Overtemp cable, A4F/A4M, 100' (30m) | 225.00 |
| 8090 | Additional DMX output cable, A5M/A5F, 25' (7.6m) | 150.00 |
| 8091 | DMX output cable, A5M/A5F, 50' (15m) | 175.00 |
| 8092 | DMX output cable, A5M/A5F, 100' (30m) | 225.00 |
| 3-262182-010 | Console to Hand Held Remote cable, DB9F/A5M, 25'(7.6m) | 35.00 |
| 3-262172-010 | Remote video cable, DB25M/DM25F, 25' (7.6m) | 85.00 |
| 3-262172-030 | Remote video cable, DB25M/DM25F, 50' (15m) | 145.00 |
| 3-262172-040 | Remote video cable, DB25M/DM25F, 100' (30m) | 260.00 |
| 3-262167-010 | Desk to Tower cable, DB9M/DB9F, 25' (7.6m) | 30.00 |
| 3-262167-020 | Desk to Tower cable, Light Palette 90 DB9M/DB9F, 50' (15m) | 65.00 |
| 3-262167-030 | Desk to Tower cable, Light Palette 90 DB9M/DB9F, 100' (30m) | 110.00 |
| 9427 | Touring case for double tier desk | 950.00 |
| 9426 | Touring case for single tier desk | 785.00 |
| 9429 | Touring case for two monitors | 1,120.00 |
| 9440 | Table mounting kit for double tier desk | 37.00 |
| 9441 | Table mounting kit for single tier desk | 27.00 |
| 9430 | Vinyl cover for single tier desk | 70.00 |
| 9431 | Vinyl cover for double tier desk | 75.00 |

For details on demultiplex units, please refer to page 42 See page 50 or receptacle stations.

*9425 Monitors are compatible to MLP90, Compact LP90 and LP90



OUTLOOK STATIONS

MICROCONTROL™
1 - 12 CHANNELS

- Simple to operate range of manual lighting control stations for use with remote dimmers
- 1 - 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
- Portable station options
- +10V analog control signal

Microcontrol Stations

A range of flush-mounted slider stations controlling up to 12 channels. 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 analog 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.) ▶ 12 (max.) ◻▶▶ 0 to +10V ✓ SELV

| Part No.* | Description | MSRP \$ |
|-----------|--|---------|
| 61001 | On/Off/Manual station, 1 channel, Microcontrol | POA |
| 61002 | On/Off/Manual station, 2 channel + master, Microcontrol | POA |
| 61003 | On/Off/Manual station, 3 channel + master, Microcontrol | POA |
| 61004 | On/Off/Manual station, 4 channel + master, Microcontrol | POA |
| 61005 | On/Off/Manual station, 5 channel + master, Microcontrol | POA |
| 61006 | On/Off/Manual station, 6 channel + master, Microcontrol | POA |
| 61007 | On/Off/Manual station, 7 channel + master, Microcontrol | POA |
| 61008 | On/Off/Manual station, 8 channel + master, Microcontrol | POA |
| 61009 | On/Off/Manual station, 9 channel + master, Microcontrol | POA |
| 61010 | On/Off/Manual station, 10 channel + master, Microcontrol | POA |
| 61011 | On/Off/Manual station, 11 channel + master, Microcontrol | POA |
| 61012 | On/Off/Manual station, 12 channel + master, Microcontrol | POA |
| 61020 | Entrance station, On/Off, Microcontrol | POA |
| 61021 | Entrance station, Manual/Off, Microcontrol | POA |
| 61022 | Entrance station, On/Manual/Off, Microcontrol | POA |

61024 Receptacle station, Microcontrol POA
*for a portable station add suffix /P

Microcontrol Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 66100 | Power Supply with enclosure (required), Microcontrol/Outlook | POA |

OUTLOOK™
3, 6, 9 or 12 CHANNELS, 8 PRESET

- Manual slider wall station controls with preset scene capability
- Ideal for Conference and Meeting Rooms, Restaurants, Reception Areas and all small to medium-sized applications
- Elegant screwless face plates with concealed fasteners
- Simple Digital Network Control wiring
- Manual Sliders for direct control of individual circuits
- Capacity to store slider settings for future pushbutton recall
- 8 Presets in addition to on and off
- 3, 6, 9 or 12 Channels of control
- Optional 1, 4 or 8 Preset pushbutton Remote Stations with toggle off
- Individual fade time stored for each preset adjustable between 0 to 4 minutes
- Record Lockout function for playback only operation
- Room Combine stations
- AV interface
- Infra-red wireless remote
- Portable station options

Outlook Stations

A mid-range selection of control stations for architectural applications with individual manual control of up to 12 channels with preset record and pushbutton recall. Master stations include 3, 6, 9 or 12 channel sliders with master, 8 preset push buttons, manual (take control), enter and off push buttons. Remote preset stations have 1, 4, or 8 preset push buttons. Slider stations have 3, 6, 9 or 12 channel sliders with master, manual (take control) on and off push buttons. Combine stations for 2, 3, or 8 rooms allow combinations to be set up, previewed and cancelled. Plexiglass locking covers are available for all Outlook stations - details on request. Outlook uses Digital Network Control protocol for use with Digital Environ, System 6, CD80SV and LD90 (220V). Alternatively an Outlook Interface is available for using Outlook stations with any dimmer product that accepts 0 to +10V analog control. A separate external power supply may be required depending on the dimmer cabinets chosen.

☑ 24V ☐ 12 (max.) ◻▶▶ DNC ✓ SELV

| Part No.* | Description | MSRP \$ |
|-----------|-----------------------------------|---------|
| 63003 | 3 channel Outlook Master station | POA |
| 63006 | 6 channel Outlook Master station | POA |
| 63009 | 9 channel Outlook Master station | POA |
| 63012 | 12 channel Outlook Master station | POA |
| 63021 | 1 preset Outlook Remote station | POA |
| 63024 | 4 preset Outlook Remote station | POA |
| 63028 | 8 preset Outlook Remote station | POA |
| 63103 | 3 channel Outlook Slider station | POA |
| 63106 | 6 channel Outlook Slider station | POA |
| 63109 | 9 channel Outlook Slider station | POA |
| 63112 | 12 channel Outlook Slider station | POA |
| 63041 | Receptacle station, Outlook | POA |
| 63042 | Infra-red Transmitter, Outlook | POA |
| 63043 | Infra-red Receiver, Outlook | POA |
| 63044 | Audio Visual Interface, Outlook | POA |
| 63031 | 2-room Outlook Combine station | POA |
| 63033 | 3-room Outlook Combine station | POA |
| 63038 | 8-room Outlook Combine station | POA |
| 63039 | Room Combine Interface, Outlook | POA |

*for a portable station add suffix /P

Outlook Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 66100 | Power Supply with enclosure, Outlook/Microcontrol | POA |

OUTLOOK™ INTERFACE
★NEW★

- New 6 channel interface supporting the Outlook range of control stations
- Supports up to 9 rooms each with 8 preset scenes plus 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 +10V control
- Supplied as a PCB for inclusion in dimmer cabinet or equipment enclosure
- "Panic" facility for turning control output to full in an emergency

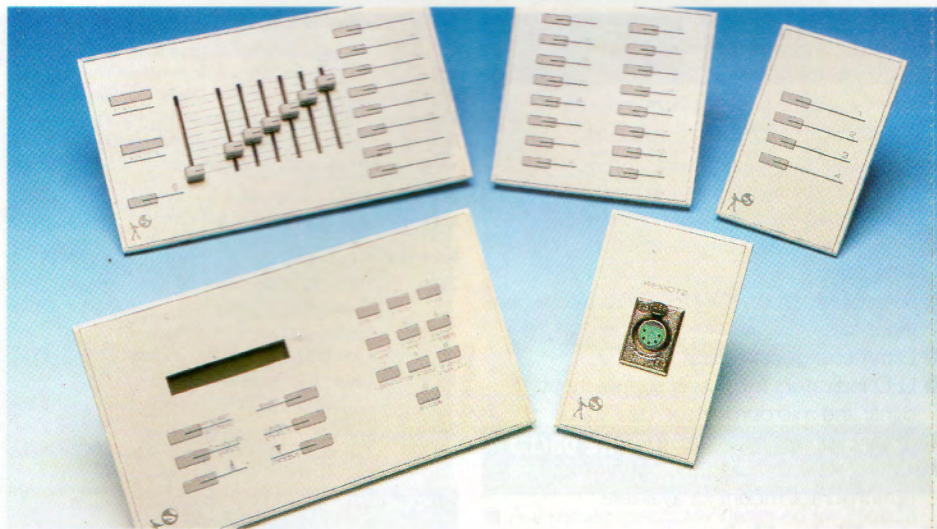
The Outlook Interface allows the Outlook range of control stations to be used with dimming systems that do not directly support Outlook's Digital Network Control Protocol. The interface provides 6 analog 0 to +10V dc signals for direct dimmer control. The interface (supplied as a PCB) has a battery backed memory to retain preset levels and fade times recorded from the control stations. The interface supports up to 9 rooms each with 8 presets plus On and Off.

☑ 24V ☐ 6 ◻▶▶ Analog ✓ SELV

| Part No | Description | MSRP \$ |
|---------|-----------------------------------|---------|
| 63040 | Outlook Digital Network Interface | POA |



A SELECTION OF 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 features
- 128 lighting presets per room
- Programmable fade time from 1/10 th second to 9 hours
- Automatic lighting sequences and effects for dynamic lighting
- Astronomical time clock with automatic sunrise and sunset offset
- Time clock event programming for up to 600 single or repeated events
- Optional configuration software for use with Microsoft Windows V3.0 (or later issue) 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 inch disk drive
- Battery maintained memory in the event of power interruption
- Multiplex output for high speed communications
- Versions also available for 220V operation

Premiere is the advanced lighting control system which allows a wide range of sophisticated applications in architectural and effects lighting. Hotels, conference and convention facilities, shopping malls, retail stores, restaurants, cruise ships, museums, art galleries, churches and theme parks benefit from the use of this unique system.

Premiere can be used to control architectural or performance lighting with dimmers such as Strand Digital Environ, System 6, CD80SV or any DMX 512 controlled dimmer.

The Premiere system consists of a central processor linked by Control Local Area Networks (C-LAN: shielded three twisted pair cable) to wall mounted control stations. Pushbutton or slider control stations can be located for user convenience.

Premiere Central Processor

Available in rack or wall mounted options including 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 networks.

Control Stations

Control station pushbutton functions can be configured to perform any of more than 30 different commands such as ON, OFF, PRESET, RAISE, LOWER, 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 or pages (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 gray key caps and concealed fasteners.

2100 SERIES - control stations with from 1 to 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 function.

2300 COMMAND STATION with 16 character backlit LCD display for on-site programming and overall master or individual room control, and event programming.

2200 DISPLAY STATION with 16 character, 16 line LCD display and menu options for preset recall and preset modification.

2500 SMART JACK station for connecting a portable station to C-LAN.

2100-IR Infra red transmitter and receiver for wireless control.

Interfaces

Special interfaces are available as open printed circuit boards for mounting in custom enclosures:

2600 AUDIO-VISUAL INTERFACE a 16 input interface used for interfacing external devices to Premiere (Max 4 per processor).

2610 REMOTE DEVICE INTERFACE with 16 programmable inputs with mimic outputs, ideal for creating custom panels.

2620 RELAY DRIVER INTERFACE with 16 programmable inputs with 16 relay drive outputs. Used for controlling external devices such as blinds, screens or other switched devices which are to be integrated with the lighting.

Configuration Software is written for MS-DOS PC's with Microsoft Windows® 3.0 (or later) for designer off-line system set up. 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

PREMIERE® NETWORK MANAGER

★NEW★

On-Line PC Control for Premiere

- On-line PC based lighting manager for Premiere
- Windows® based software for graphical user friendly control
- Connects with up to 8 Premiere systems for total management control
- Simple PC mouse/tracker ball control of lighting levels
- Full access to recall and modify preset levels and fade times
- Time clock event programming
- Grouping functions for simplified system wide access
- Programmable Macro's for multiple command sequences

Premiere Network Manager is a new software package that enables a personal computer running Windows® V3.1 (or later issue) to become an on-line lighting management system for up to 8 Premiere processors.

The Premiere configuration files created using the Premiere Configuration Software provide the systems data for the Network Manager.

The simple to use graphical environment offered by Windows® allows menu access to the following functions:

- Preset selection for a single room, or pre-defined group of rooms.
- "Slider" control of channel levels using the PC mouse or tracker ball.
- Full preset edit capabilities including levels, fade times and chase parameters.
- Time clock event set-up and editing for rooms or groups of rooms.
- Group editing - creating groups rooms, stations or even groups of groups to provide simple selective system wide control.
- Room combination using pre-defined room groupings.
- Macro execution - named macros can be selected which execute programmed sub-macros at the Premiere Processors giving simple control of multiple command sequences.
- Astronomical Parameters - Latitude, Sunrise and system clocks can be set to synchronise times events.
- Control station lockout for rooms or groups of rooms.

Contact your nearest Strand Lighting Representative for information.
Windows® is a registered Trademark of the Microsoft Corporation.

MULTIPLEX INTERFACES PROTOCOL CONVERTERS

- Protocol conversion in either direction between DMX512 and AMX protocols
- User-selectable operating modes
- Built-in input/output signal testing
- LED indicators for power supply, input signal and microprocessor 'run' status
- Rotary address switches
- Complete enclosure with power supply, optional rack mount kit available

Protocol Converters

The Multi-Protocol product range consists of three units that take an input signal (DMX 512 or AMX 192) and convert it to the other multiplex protocol. Enclosures include power supply.

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 65001 | Protocol Converter, AMX (D4F) input - DMX (D5F) output | 1,200.00 |
| 65002 | Protocol Converter, DMX (D5M) input - AMX (D4M) output | 1,200.00 |
| 65003 | Protocol Converter, DMX (D5M) input - two AMX (D4M) output | 1,200.00 |

Protocol Converter Accessories

| Part No. | Description | MSRP \$ |
|----------|----------------|---------|
| 66800 | Rack mount kit | 75.00 |

MULTIPLEX INTERFACES PROTOCOL MANAGER

- Protocol conversion, mixing and selecting functions for two input signals
- Converts in either direction
- Combine or Backup mode of operation
- User-selectable operating modes
- Built-in input/output signal testing
- LED indicators for power supply, input signal and microprocessor 'run' status
- Rotary address switches
- Complete enclosure with power supply, optional rack mount kit available

Protocol Manager

This unit combines two multiplex lines so that signals from two consoles can drive one dimming system. There are two functions: Combine mixes two signals together (the two input lines combine on a highest takes precedence basis); Backup takes two signals and outputs one only unless this signal is lost, in which case the output switches over to the second input.

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 65004 | Protocol Manager, two AMX (D4F) inputs - DMX (D5F) output | 1,350.00 |
| 65005 | Protocol Manager, two DMX (D5M) inputs two AMX (D4M) outputs | 1,360.00 |
| 65006 | Protocol Manager, two DMX (D5M) inputs DMX (D4M) output | 1,350.00 |

Protocol Manager Accessories

| Part No. | Description | MSRP \$ |
|----------|----------------|---------|
| 66800 | Rack mount kit | 75.00 |

MULTIPLEX INTERFACES DEMULPLEX UNITS

- Interface to analog dimmers from DMX or AMX (D54) multiplexed consoles
- Microprocessor-based
- Dual control signal inputs allow automatic selection of second input for backup
- Several units can be daisy-chained for large installations
- Selectable 'last level' output retention when input fails
- Dimmer preheat option
- LED indicators for power supply, input signal and microprocessor 'run' status
- Rotary address switches
- Complete enclosure with power supply, optional rack mount kit available

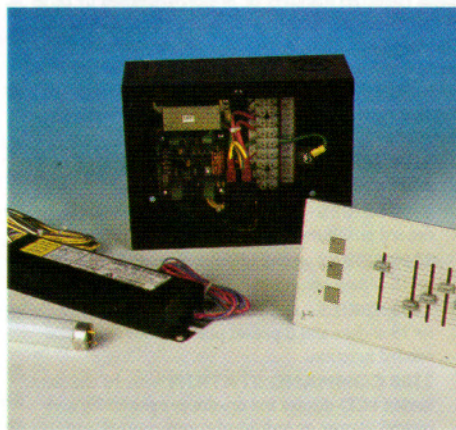
Demultiplex Units

Demultiplex units to convert DMX and AMX multiplex signals to 24 or 48 analog dimmer voltages.

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 65007 | Demultiplex unit, DMX (D4F) /AMX (D5M) input, 24 analog (DB25F) output | 1,541.00 |
| 65008 | Demultiplex unit, DMX (D4F) /AMX (D5M) input, 48 analog (2-DB25F) output | 1,650.00 |

Demultiplex Units Accessories

| Part No. | Description | MSRP \$ |
|----------|----------------|---------|
| 66800 | Rack mount kit | 75.00 |



EFBC™ ELECTRONIC FLUORESCENT BALLAST CONTROLLER

- Self-contained interface for controlling Advance Mark VII Electronic ballasts from Strand architectural controls
- Each EFBC can be used to control up to 40 ballasts
- Uses analog 0V to +10Vdc control signal
- Ballast full-on fail-safe in event of control disconnection
- Constant signal output independent of the number of ballasts controlled
- Integral 20A relay to isolate line voltage to ballast
- Control input over-voltage and reverse voltage protection

Electronic Ballast Controller

The EFBC is a self-contained surface mounting interface to buffer an analog 0V to +10Vdc signal derived from an architectural control station or Digital Environ Processor to drive up to 40 Advance® Mk.VII fluorescent ballasts. Available in 120V and 277V versions, with or without enclosure.

☑ 120V or 277V 60/50 Hz ☑ 0 to +10V analog ☑ 9.1" x 7.13" x 3.53" (231 x 181 x 89.7mm) ☑ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 7800 | Electronic Fluorescent Ballast Controller, 120V | POA |
| 7800SE | Electronic Fluorescent Ballast Controller, 120V, with enclosure | POA |
| 7801 | Electronic Fluorescent Ballast Controller, 277V | POA |
| 7801SE | Electronic Fluorescent Ballast Controller, 277V, with enclosure | POA |

SYSTEM 6™ DIMMER RACK

- Compact self-contained pre-wired dimmer cabinet with 6 by 15A, 6 by 20A dimmers and 6 x 10A (220V version only)
- Suitable for dimming incandescent and low voltage loads
- Switch-selectable non-dim, cold cathode and fluorescent options
- "Panic" function for turning dimmers to full in an emergency
- Supplied complete with primary circuit breakers for each dimmer
- Hinged access doors for ease of installation
- System "bypass" for installation test and verification
- Uses analog 0V to +10Vdc control signals and Digital Network Control
- Compatible with Microcontrol and Outlook control systems
- Compatible with Premiere when used with a demultiplex unit
- UL listed and CSA approved for 120V

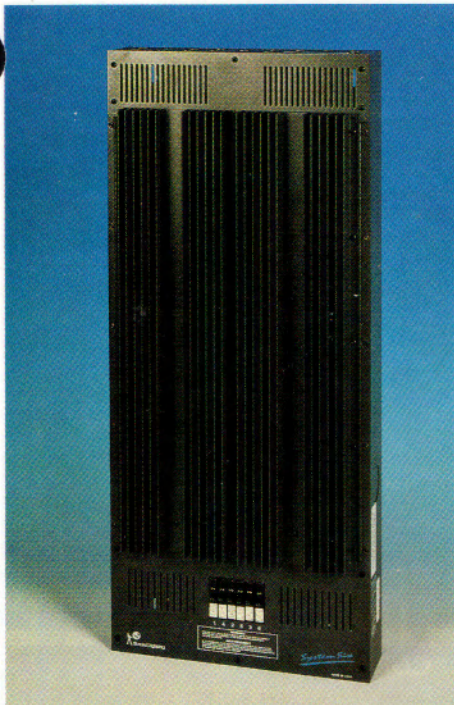
System 6 Dimmer Racks

System 6 racks are available with either 6 by 15A or 6 by 20A dimmers with primary circuit breakers. Available in single phase 3-wire or three phase 4-wire configurations, with or without power supply for operating with Microcontrol or Outlook stations.

☑ 120/240V 60/50Hz single phase 3-wire or 120/208V 3 phase 4-wire ☑ 90/120A ☑ 6 - 1800W or 6 - 2400W ☑ 6 ☑ DNC, 0 to +10V analog ☑ 14.5" x 33" x 4.6" (368 x 838 x 117.5mm) ☑ 48.5lbs. (22kg) ☑ 54lbs. (24.5kg) ☑ 2.1 Cu.ft. (0.06m3) ☑ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 74001 | System 6, 6 - 15A, 120/208V, 3ph 4 wire | POA |
| 74002 | System 6, 6 - 15A, 120/208V, 3ph 4 wire, with power supply | POA |
| 74003 | System 6, 6 - 20A, 120/208V, 3ph 4 wire | POA |
| 74004 | System 6, 6 - 20A, 120/208V, 3ph 4 wire, with power supply | POA |
| 74005 | System 6, 6 - 15A, 120/240V, 1ph 3 wire | POA |
| 74006 | System 6, 6 - 15A, 120/240V, 1ph 3 wire, with power supply | POA |
| 74007 | System 6, 6 - 20A, 120/240V, 1ph 3 wire | POA |
| 74008 | System 6, 6 - 20A, 120/240V, 1ph 3 wire, with power supply | POA |

SYSTEM 6 DIMMERCABINET



CD80 SINGLE



ACT 6+



CD80 SINGLE™ ★NEW★
PORTABLE UNIT DIMMERS

- A dimmer specifically designed for Motion Picture production
- Rugged dimmers for portable applications
- Full range of capacities: 2.4kW, 6kW, 12kW and 20kW
- Stage pin power connections
- Plug-in digital command module
- Integral Circuit Breaker
- Recessed controls
- Remote analog and DMX512 control versions
- 120V and 220V versions available
- Stackable
- UL/CSA approved

The technology of CD80 has set the standard for entertainment dimming for over a decade. This range of stackable, single dimmers at 2.4kW, 6kW, 12kW and 20kW has been specifically designed to serve the North American Motion Picture market, with special reference to rental houses and the lighting departments of major studios. Analog, DMX and local control available.

■ 6.25" x 9.25" x 15.5" (158.7mm x 226.63mm x 395.4mm)

| Part No. | Description | MSRP \$ |
|----------|------------------------------|---------|
| 73111 | Analog 2.4kW 120V | 650.00 |
| 73113 | Analog 6.0kW 120V | 759.00 |
| 73115 | Analog 12kW 120V | 1245.00 |
| 76103 | Single channel remote slider | 225.00 |
| 73117 | Analog 20kW 208V | 1408.00 |
| 73112 | Multiplex 2.4kW 120V | 920.00 |
| 73114 | Multiplex 6.0kW 120V | 1060.00 |
| 73116 | Multiplex 12kW 120V | 1588.00 |
| 73118 | Multiplex 20kW 208V | 1760.00 |
| 76031 | DMX Control Module | 495.00 |

Please refer to your Strand Lighting representative for 220V versions



ACT 6+™ ★NEW★
220V 10A DIMMER PACKS

- Six 10A dimmers in a rugged, portable economical pack
- Ideal for temporary lighting rigs, or small installations
- New design featuring double sockets per dimmer, analogue input, and optional DMX/D54 multimux 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
- Analog versions accept positive or negative control signals
- Optional plug-in module gives multiplex control capability and integral chase facility for independent special effects

Act 6+

Compact dimmer pack with six 220V 10A dimmers controlled by 0 to 10V (plus/minus autosensing) per dimmer or optionally by multiplex signals.

■ 220V/240V 50/60Hz ■ 60A ■ 6 x 2kW ■ 6 ■ 0 - 10V (+/-), option: DMX512, D54 ■ 490 x 300 x 180mm ■ 9.6kg ■ 11.3 kg ■ 0.107m³ ■ BS 800, VDE 0875, EN55014

| Cat. No. | Description | MSRP \$ |
|----------|---|---------|
| 73020 | Act 6+, blank socket panel  | POA |
| 73040 | Act 6+, blank socket panel, with Multi-mux module  | POA |

System 6™ Accessories

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 74009 | System 6, Branch Breaker Panel with 12 - 15A breakers | POA |

System 6 Dimmer Racks - 220 Volt

System 6 racks are available with either 6 x 10A, 6 x 15A or 6 x 20A dimmers with primary circuit breakers. Available in single phase 3-wire or three phase 4-wire configurations, with or without power supply for operating with Microcontrol or Outlook stations.

■ 220/440V 60/50Hz single phase 3-wire or 220/380V 3 phase 4-wire ■ 60/90/120A ■ 6 - 2200W or 6 - 3300W or 6 - 4400W ■ 6 ■ DNC, 0 to +10V analog ■ 14.5" x 33" x 4.6" (368 x 838 x 117.5mm) ■ 48.5lbs. (22kg) ■ 54lbs. (24.5kg) ■ 2.1 Cu.ft. (0.06m³)

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 74031 | System 6, 6 - 10A, 220/380V, 3ph 4 wire | POA |
| 74032 | System 6, 6 - 10A, 220/380V, 3ph 4 wire, with power supply | POA |
| 74021 | System 6, 6 - 15A, 220/380V, 3ph 4 wire | POA |
| 74022 | System 6, 6 - 15A, 220/380V, 3ph 4 wire, with power supply | POA |
| 74023 | System 6, 6 - 20A, 220/380V, 3ph 4 wire | POA |
| 74024 | System 6, 6 - 20A, 220/380V, 3ph 4 wire, with power supply | POA |
| 74035 | System 6, 6 - 10A, 220/440V, 1ph 3 wire | POA |
| 74036 | System 6, 6 - 10A, 220/440V, 1ph 3 wire, with power supply | POA |
| 74025 | System 6, 6 - 15A, 220/440V, 1ph 3 wire | POA |
| 74026 | System 6, 6 - 15A, 220/440V, 1ph 3 wire, with power supply | POA |
| 74027 | System 6, 6 - 20A, 220/440V, 1ph 3 wire | POA |
| 74028 | System 6, 6 - 20A, 220/440V, 1ph 3 wire, with power supply | POA |



CD80 12-2.4kW PACK

CD80™ DIMMER PACKS WITH DIGITAL CONTROL

- Rugged dimmer packs for portable and permanent applications
- Full range of capacities: 24 - 1.2kW, 12 - 2.4kW, 6 - 6kW or 6 - 12kW
- Full range of output connectors: pin connectors, twist locks and parallel blades or terminal strip output for permanent installations
- Plug-in digital command module
- Automatic multiple protocols - automatically selects for DMX 512, AMX 192 and Fiber Optic (DMX 512) with active protocol LED display
- Overlapping simultaneous 0 to +10V analog control output
- Illuminated push buttons for local control (full/normal) plus 'panic' feature for instant on
- Input and output XLR connectors for daisy chaining packs
- RS232C serial port for interfacing capability
- Entire pack UL and CSA approved as an assembly and appropriately labelled
- Simple phase change from single phase 3 wire to three phase 4 wire
- Toroidal chokes for high-quality filtering

CD80 Digital Pack 1.2kW

Digital dimmer pack with twenty-four 1.2kW dimmers. Includes low-noise cooling fan and primary circuit breakers. The Canadian version of this pack has 15A connectors to comply with CSA.

✓ Three Phase: 120/208V 50/60Hz 4 wire plus ground, Single Phase: 120V 50/60Hz 3 wire plus ground **A** 240A **W** 24 - 1.2kW **H** 24 **I** DMX 512, AMX 192, Fiber Optic (DMX 512), 0 to +10V analog **J** 23.5" x 20.5" x 8.5" (597 x 52.1 x 21.6mm) **L** 65lbs. (29.5kg) **M** 85lbs. (38.5kg) **N** 5.7 Cu.ft. (0.16m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 8324 | CD80 1.2kW pack, 24 dimmers, primary circuit breakers, one 20A GTL connector per dimmer S | 5,995.00 |
| 8325 | CD80 1.2kW pack, 24 dimmers, primary circuit breakers, one 20A GP connector per dimmer S | 5,495.00 |
| 8326 | CD80 1.2kW pack, 24 dimmers, primary circuit breakers, one 20A GR connector per dimmer S | 5,395.00 |
| 8327 | CD80 1.2kW pack, 24 dimmers, primary circuit breakers, terminal strip output S | 5,285.00 |

CD80 Digital Pack 2.4kW

Digital dimmer pack with twelve 2.4kW dimmers. Includes low-noise cooling fan and primary circuit breakers.

✓ Three Phase: 120/208V 50/60Hz 4 wire plus ground, Single Phase: 120V 50/60Hz 3 wire plus ground **A** 240A **W** 12 - 2.4kW **H** 12 **I** DMX 512, AMX 192, Fiber Optic (DMX 512), 0 to +10V analog **J** 23.5" x 20.5" x 8.5" (597 x 52.1 x 21.6mm) **L** 65lbs. (29.5kg) **M** 85lbs. (38.5kg) **N** 5.7 Cu.ft. (0.16m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 8524 | CD80 2.4kW pack, 12 dimmers, primary circuit breakers, two 20A GTL connectors per dimmer S | 4,185.00 |
| 8525 | CD80 2.4kW pack, 12 dimmers, primary circuit breakers, two 20A GP connectors per dimmer S | 4,175.00 |
| 8526 | CD80 2.4kW pack, 12 dimmers, primary circuit breakers, two 20A GR connectors per dimmer S | 4,175.00 |
| 8527 | CD80 2.4kW pack, 12 dimmers, primary circuit breakers, terminal strip output S | 3,825.00 |

CD80 Digital Pack 6kW

Digital dimmer pack with six 6kW dimmers. Includes low-noise cooling fan and primary circuit breakers.

✓ Three Phase: 120/208V 50/60Hz 4 wire plus ground, Single Phase: 120V 50/60Hz 3 wire plus ground **A** 300A **W** 6 - 6kW **H** 6 **I** DMX 512, AMX 192, Fiber Optic (DMX 512), 0 to +10V analog **J** 23.5" x 20.5" x 8.5" (597 x 52.1 x 21.6mm) **L** 65lbs. (29.5kg) **M** 85lbs. (38.5kg) **N** 5.7 Cu.ft. (0.16m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|---|----------|
| 8566 | CD80 6kW pack, 6 dimmers, primary circuit breakers, one 60A GTL connector per dimmer S | 4,135.00 |
| 8567 | CD80 6kW pack, 6 dimmers, primary circuit breakers, one 60A GP connector per dimmer S | 3,995.00 |
| 8568 | CD80 6kW pack, 6 dimmers, primary circuit breakers, terminal strip output S | 3,845.00 |

CD80 Digital Pack 12kW

Digital dimmer pack with six 12kW dimmers. Includes low-noise cooling fan and primary circuit breakers. Choice of portable pack with one 100A GP connector per dimmer or wall mounted pack with terminal strip for wiring. Input power Cam-loc connectors provided.

✓ Three Phase: 120/208V 50/60Hz 4 wire plus ground **A** 600A **W** 6 - 12kW **H** 6 **I** DMX 512, AMX 192, Fiber Optic (DMX 512), 0 to +10V analog **J** 23.5" x 20.5" x 8.5" (597 x 52.1 x 21.6mm) **L** 65lbs. (29.5kg) **M** 85lbs. (38.5kg) **N** 5.7 Cu.ft. (0.16m3) ✓ UL, CSA

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 8563 | CD80 12kW pack, 6 dimmers, primary circuit breakers, one 100A GP connector per dimmer S | 4,995.00 |
| 8564 | CD80 12kW pack, 6 dimmers, primary circuit breakers, terminal strip output S | 4,645.00 |

CD80 Digital Packs Accessories

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 8215 | Digital Pack Controller for 24 - 1.2kW CD80 dimmer packs | 1,625.00 |
| 8216 | Digital Pack Controller, to retrofit AMX192 2.4kW, 6kW, and 12kW CD80 dimmer packs or as a spare | 1,425.00 |
| 8179 | Touring case for CD80 packs | 698.00 |



CD80 COMPACT ROLLING RACK 48-2.4kW

CD80™ COMPACT ROLLING RACKS

- Convenient sized rolling racks with digital control
- Rugged, lightweight welded aluminum design for theatrical touring and Motion Picture & TV production facilities
- Three versions: 48 - 2.4kW, 24 - 6kW, 24 - 12kW
- Utilizes CD80 Digital Pack Controller
- DMX512, AMX192 or Fiber Optic DMX512 protocols supported with automatic identification and the DMX512 input is optically isolated
- Local control of each dimmer using On/Normal illuminated push-buttons
- Power input connector and output panel options, with choice of connectors
- Power indicators identify each phase that is hot
- Available Hot pocket & GR 20A convenience outlets
- Status quo retention of dimmer levels for 30 minutes after loss of control signal, or immediate off, is selectable
- Supplied with protective cover panels
- Supplied with two or four smart wheels

CD80 Compact Rolling Rack, 48 - 2.4kW

Rugged touring CD80 dimmers in a compact narrow-width rack to allow access through standard doorways. Accommodates 48 - 2.4kW dimmers in 24 dual modules. Each dimmer is protected by a fully magnetic circuit breaker. Input options are single 400A Posi-Lok, single 400A Abbott or two sets of Cam-Lok. Output connectors options are a choice of StagePin and Socapex outlets. main breaker and convenience outlets are options as listed below.

✓ 120/208V 3 phase 4-wire 60Hz **A** 400A per phase **W** 48 - 2.4kW **H** 48 max. **I** DMX 512, AMX192, analog (0 - 10Vdc or 0 - 15Vdc) **J** 47" x 26.5" x 30" (1.2m x 673mm x 762mm) **L** Loaded: 464lbs. (210 kg), without modules: 200lbs. (91kg) **M** 26.5" x 30" (673mm x 762mm) **N** Loaded: 498lbs. (225 kg), without modules: 234lbs. (106kg) **O** 13.54 Cu.ft. (0.38m3) ✓ UL, CSA



| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 75009 | CD80 Compact, 48 - 2.4kW, Posi-Lok, 48 - StagePin, 8 Socapex outputs and convenience outlets | POA |
| 75010 | CD80 Compact, 48 - 2.4kW, Posi-Lok, 48 - StagePin, 8 Socapex outputs and convenience outlets, Main breaker | POA |
| 75018 | CD80 Compact, 48 - 2.4kW, Posi-Lok, 48 - StagePin, 16 Socapex outputs | POA |
| 75021 | CD80 Compact, 48 - 2.4kW, Posi-Lok, 96 - StagePin outputs and convenience outlets, Main breaker | POA |
| 75024 | CD80 Compact, 48 - 2.4kW, Posi-Lok, 96 - StagePin outputs and convenience outlets | POA |
| 75015 | CD80 Compact, 48 - 2.4kW, Posi-Lok, 96 - StagePin, 8 Socapex outputs | POA |
| 75011 | CD80 Compact, 48 - 2.4kW, Abbott, 48 - StagePin, 8 Socapex outputs and convenience outlets | POA |
| 75012 | CD80 Compact, 48 - 2.4kW, Abbott, 48 - StagePin, 8 Socapex outputs and convenience outlets, Main breaker | POA |
| 75019 | CD80 Compact, 48 - 2.4kW, Abbott, 48 - StagePin, 16 Socapex outputs | POA |
| 75022 | CD80 Compact, 48 - 2.4kW, Abbott, 96 - StagePin outputs and convenience outlets, Main breaker | POA |
| 75025 | CD80 Compact, 48 - 2.4kW, Abbott, 96 - StagePin outputs and convenience outlets | POA |
| 75016 | CD80 Compact, 48 - 2.4kW, Abbott, 96 - StagePin, 8 Socapex outputs | POA |
| 75013 | CD80 Compact, 48 - 2.4kW, Cam-lok (2), 48 - StagePin, 8 Socapex outputs and convenience outlets | POA |
| 75014 | CD80 Compact, 48 - 2.4kW, Cam-lok (2), 48 - StagePin, 8 Socapex outputs and convenience outlets, Main breaker | POA |
| 75020 | CD80 Compact, 48 - 2.4kW, Cam-lok (2), 48 - StagePin, 16 Socapex outputs | POA |
| 75023 | CD80 Compact, 48 - 2.4kW, Cam-lok (2), 96 - StagePin outputs and convenience outlets, Main breaker | POA |
| 75026 | CD80 Compact, 48 - 2.4kW, Cam-lok (2), 96 - StagePin outputs and convenience outlets | POA |
| 75017 | CD80 Compact, 48 - 2.4kW, Cam-lok (2), 96 - StagePin, 8 Socapex outputs | POA |

CD80 Compact Rolling Rack, 24 - 2.4kW with Patch Bay ★NEW★

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 75029 | CD80 Compact Rolling Rack with Patch Bay, fully wired for 24 Dual 2.4kW Dimmer Modules Camlock Input, Dual 19 Pin Socapex Output, Main breaker, Hot Pocket & Convenience outlet | POA |
| 75032 | CD80 Compact Rolling Rack with Patch Bay, fully wired for 24 Dual 2.4kW Dimmer Modules Camlock Input, Dual 19 Pin Socapex Output. | POA |
| 75035 | CD80 Compact Rolling Rack with Patch Bay, fully wired for 24 Dual 2.4kW Dimmer Modules Camlock Input, Single 37 Pin Socapex Output, Main breaker, Hot Pocket & Convenience outlet | POA |
| 75038 | CD80 Compact Rolling Rack with Patch Bay, fully wired for 24 Dual 2.4kW Dimmer Modules Camlock Input, Single 37 Pin Socapex Output. | POA |

| | | |
|-------|---|-----|
| 75041 | CD80 Compact Rolling Rack with Patch Bay, fully wired for 24 Dual 2.4kW Dimmer Modules Camlock Input, Dual 37 Pin Socapex Output, Main breaker, Hot Pocket & Convenience outlet | POA |
| 75044 | CD80 Compact Rolling Rack with Patch Bay, fully wired for 24 Dual 2.4kW Dimmer Modules Camlock Input, Dual 37 Pin Socapex Output. | POA |

CD80 Compact Rolling Rack, 24 - 6kW

Rugged touring CD80 dimmers in a compact narrow width rack to allow access through standard doorways. Accommodates 24 - 6kW dimmer modules, each protected by a fully magnetic circuit breaker. Input options are single 400A Posi-Lok, single 400A Abbott or two sets of Cam-lok. Output connectors are 60A StagePin. Main breaker and convenience outlets are options as listed below.

120/208V 3 phase 4-wire 60Hz 400A 24 - 6kW 24 max. DMX 512, AMX192, analog (0 - 10Vdc or 0 - 15Vdc) 47" x 26.5" x 30" (1.2m x 673mm x 762mm) Loaded: 464lbs. (210 kg), without modules: 200lbs. (91kg) 26.5" x 30" (673mm x 762mm) Loaded: 498lbs. (225 kg), without modules: 234lbs. (106kg) 13.54 Cu.ft. (0.38m3) UL, CSA

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 75003 | CD80 Compact, 24 - 6kW, Posi-Lok, 24 - 60A StagePin outputs | POA |
| 75004 | CD80 Compact, 24 - 6kW, Posi-Lok, 24 - 60A StagePin outputs and convenience outlets, main breaker | POA |
| 75005 | CD80 Compact, 24 - 6kW, Abbott, 24 - 60A StagePin outputs | POA |
| 75006 | CD80 Compact, 24 - 6kW, Abbott, 24 - 60A StagePin outputs and convenience outlets, main breaker | POA |
| 75007 | CD80 Compact, 24 - 6kW, Cam-lok (2), 24 - 60A StagePin outputs | POA |
| 75008 | CD80 Compact, 24 - 6kW, Cam-lok (2), 24 - 60A StagePin outputs and convenience outlets, main breaker | POA |

CD80 Compact Rolling Rack, 24 - 12kW

Rugged touring CD80 dimmers in a compact narrow-width rack to allow access through standard doorways. Accommodates 24 - 12kW dimmer modules, each protected by a fully magnetic circuit breaker. Input options are two 400A Posi-Lok, two 400A Abbott or four sets of Cam-lok. Output connectors are 100A StagePin. main breaker and convenience outlets are options as listed below.

120/208V 3 phase 4-wire 60Hz 800A 24 - 12kW 12 max. DMX 512, AMX192, analog (0 - 10Vdc or 0 - 15Vdc) 47" x 26.5" x 30" (1.2m x 673mm x 762mm) Loaded: 464lbs. (210 kg), without modules: 200lbs. (91kg) 26.5" x 30" (673mm x 762mm) Loaded: 498lbs. (225 kg), without modules: 234lbs. (106kg) 13.54 Cu.ft. (0.38m3) UL, CSA

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 75000 | CD80 Compact, 24- 12kW, Posi-Lok (2), 24 - 100A StagePin outputs | POA |
| 75001 | CD80 Compact, 24 - 12kW, Abbott (2), 24 - 100A StagePin outputs | POA |
| 75002 | CD80 Compact, 24- 12kW, Cam-lok (4), 24 - 100A StagePin outputs and convenience outlets | POA |

Pricing is POA because of modular construction. For further information contact your Strand Lighting Dealer or Representative



SYSTEM WIDE CONTROL™

- SWC - Available as standard with CD80SV, Digital Environ, and LD90
- Highest Takes Precedence operation with other dimmer control inputs
- 99 programmable presets for local and remote selection
- Programmable fade times per preset 0 to 9 minutes 59 seconds
- System wide control capability - up to 32 dimmer cabinets connected to the same control network
- 8 & 16 Pushbutton SWC Panels for remote preset selection
- "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 focussing" control without needing an external control console
- Circuit I.D.'s simplifying control access

System Wide Control (SWC) is a facility incorporated into Strand digital dimmers including Digital Environ, CD80SV, and LD90, to provide an additional communications link connecting each dimmer rack to the SWC network. A benefit of the SWC system is that it operates in parallel with the lighting console's dimmer signal, with both systems interacting on a highest-level-takes-precedence basis. This allows many options of combining different sources of control to meet a wide range of operational requirements.

An SWC Hand-held Programmer can be used to address all dimmers in the system for adjusting and recording preset levels and fade times, and executing a fade to the levels recorded in a rack's internal memory. With a total of 99 memories available, SWC provides a 'desk-free' system for AV presentations, working lights, concert lighting or as a backup to the main lighting desk memories.

8 and 16 Pushbutton SWC Panels enable a range of presets to be selected, each preset fading at it's pre-programmed rate. The current dimmer output can simply be recorded as an SWC preset from the panels. 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 other performance or building management control systems.

| Part No | Description | MSRP \$ |
|---------|---|---------|
| 62951 | SWC 8 Preset Panel | POA |
| 62952 | SWC 16 Preset Panel | POA |
| 62953 | SWC A/V Interface Excludes back box or custom enclosure | POA |
| 76102 | SWC Hand held Programmer | POA |

LD90™ 220V DIGITAL DIMMERS

- Digital dimming system for 220V regions with choice of dimmer "blocks" for custom requirements at an economical price
- 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 analog control input
- Second DMX control input option
- Two analog control signal outputs for auxiliary equipment such as houselight dimmers, relays etc.
- Fluorescent control modes including unique 'kick start' to ensure smooth dimming with 220V high-frequency European electronic ballasts
- Complies with 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
- For 220V operation only
- Suitable for use with Outlook™ controls

LD90 24 - 2.5kW

A standard rack configuration comprising three 220V 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 using high-voltage testers, SPN are fitted with Neutral Switch MCBs which give double pole isolation from the AC supply 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.

✓ 220V phase/neutral star supply, 50/60Hz **A** 100A (three phase) or 300A (single phase) **W** 24 - 2.5kW **H** 24 **C** 99 **I** DMX 512, D54, SMX, SWC, analog 0-10V (+/-) **A** 41.3" x 39" x 5.9" (1050 x 995 x 150mm) **B** 168lbs. (76kg) **C** 41.3" x 5.9" (1050 x 150mm) **D** 298lbs. (135kg) **E** 11.65 Cu.ft. (0.33m3) ✓ EN 50081-1, EN 55014, EN 50082-1, IEC 1000-2-2, EN 60950, EN 60439 Part 1 (also part 12, BS 5486), IP20 to EN 60529

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 74102 | LD90 24 - 2.5kW, single-pole MCB | POA |
| 74104 | LD90 24 - 2.5kW, single-pole MCB (NDT) | POA |
| 74105 | LD90 24 - 2.5kW, SPN MCB | POA |

LD90 12 - 5kW

A standard rack configuration comprising three 220V 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.



LD90 24 X 2.5kW WITH RCD OPTION

✓ 220V phase/neutral star supply, 50/60Hz **A** 100A (three phase) or 300A (single phase) **W** 12 - 5kW **H** 12 **C** 99 **I** DMX 512, D54, SMX, analog 0-10V (+/-) **A** 41.3" x 39" x 5.9" (1050 x 995 x 150mm) **B** 168lbs. (76kg) **C** 41.3" x 5.9" (1050 x 150mm) **D** 298lbs. (135kg) **E** 11.65 Cu.ft. (0.33m3) ✓ EN 50081-1, EN 55014, EN 50082-1, IEC 1000-2-2, EN 60950, EN 60439 Part 1 (also part 12, BS 5486), IP20 to EN 60529

| Part No. | Description | MSRP \$ |
|----------|--------------------------------|---------|
| 74103 | LD90 12 - 5kW, single-pole MCB | POA |
| 74106 | LD90 12 - 5kW, double-pole MCB | POA |

LD90 System Building Blocks

LD90 can be customized to a specific requirement by ordering the component parts separately. For further details of rack configuration options, please contact your local Strand Representative.

LD90 Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 76314 | Wall mounting bracket | POA |
| 76309 | Additional Mux input kit | POA |
| 76310 | RCD option (1 per power block) | POA |
| 76313 | Single phase option (1 per single phase rack) | POA |
| 76312 | 4 - 16mm ² cable termination kit (1 per rack) | POA |
| 76102 | SWC programmer remote unit | POA |
| 76320 | SWC remote socket box | POA |
| 62951 | 8 preset pushbutton control panel | POA |
| 62952 | 16 preset pushbutton control panel | POA |

DIGITAL ENVIRON™ MODULAR DIMMING SYSTEM

- Pre-wired digital dimmer cabinet
- Suitable for architectural and entertainment lighting applications
- Compatible with Microcontrol, Outlook, Premiere and any DMX512 or analog protocol control systems
- Accepts analog, digital and Digital Network control signals
- Modular construction
- Power modules for incandescent/inductive, fluorescent, cold cathode, neon and non-dim loads
- Digital processor with advanced programmable features
- "Panic" feature for switching on selected dimmers in an emergency
- Power modules complete with primary circuit breakers



DIGITAL ENVIRON

- Branch breaker options
- Offers System Wide Control (SWC) capability
- UL listed and CSA approved
- Versions also available for 220V operation

Versatile digital dimming system consisting of two basic elements: the dimmer cabinet (complete with digital processor) and the power modules. Two sizes of dimmer cabinet, with processors, are available to accommodate either 6 or 12 power modules. Each cabinet can provide up to 24 dimmers depending on the combination of power modules chosen.

Power modules are available in single, dual and quad configurations for incandescent, inductive, fluorescent, non-dim or constant-on applications. They can be combined in a cabinet to suit differing load sizes and types. Quad 1.8kW dimmers may only be used in the small cabinet, up to rack maximum rating.

The processor module is the "brains" of the system. Using digital processing techniques for accuracy and reliability, the processor provides firing signals for all power modules installed. User-programmable features such as dimmer to room assignments, dimmer curves, minimum and maximum level, are entered using the processor's membrane keypad and LCD display.

Digital Environ Cabinets

Pre-wired enclosure, with processor, to accept power modules. Small cabinet takes up to 6 single, dual or quad power modules; large cabinet takes up to 12 single or dual power modules. A second DMX 512 multiplex input card may be optionally installed to allow two DMX consoles to communicate independently with the dimmers on a highest level takes precedence basis. A terminal block kit provides all necessary parts to convert selected power modules from branch breaker to terminal block output.

Small cabinet

✓ 90 - 240V 50/60Hz single phase 3-wire, or 3-phase 4-wire **A** 300A total **H** 24 max. **C** 99 **I** DMX 512, DNC, SWC, D54, analog 0-10V (+/-) **A** 30" x 36" x 6" (762 x 914 x 152mm) **B** 100 (45.4kg) lbs. (22kg) **C** 30" x 6" (762 x 152mm) **D** 60lbs. (27kg) **E** 6.7 Cu.ft. (0.19 m3) ✓ UL, CSA.

Large cabinet

✓ 90 - 240V 50/60Hz single phase 3-wire, or 3-phase 4-wire **A** 600A total **H** 24 max. **C** 99 **I** DMX 512, DNC, SWC, D54, analog 0-10V (+/-) **A** 30" x 72" x 6" (762 x 1829 x 152 mm) **B** 175lbs. (79.4kg) **C** 30" x 6" (762 x 152mm) **D** 60lbs. (27kg) **E** 12.9 Cu.ft. (0.36m3) ✓ UL, CSA.

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 74016 | Small Digital Environ Cabinet, 90 - 240V, 60/50Hz, with processor | POA |
| 74012 | Large Digital Environ Cabinet, 90 - 240V, 60/50Hz, with processor | POA |



Digital Environ Cabinets Accessories

Table with 3 columns: Part No., Description, MSRP \$

Digital Environ Modules

Four module types are available: Incandescent/inductive (for low voltage, neon and cold cathode loads), Fluorescent, Non-dim and Constant-on. All Power Modules have primary circuit breakers, and either terminal block (TB) or branch breaker (BB) output options. Full details and specifications are given in the Digital Environ data sheet.

Power Modules: Incandescent / Inductive Dimmers

Table with 3 columns: Part No., Description, MSRP \$

Power Modules: Fluorescent Dimmers

Table with 3 columns: Part No., Description, MSRP \$

Power Modules: Non-Dim

Table with 3 columns: Part No., Description, MSRP \$

Power Modules: Constant On

Table with 3 columns: Part No., Description, MSRP \$

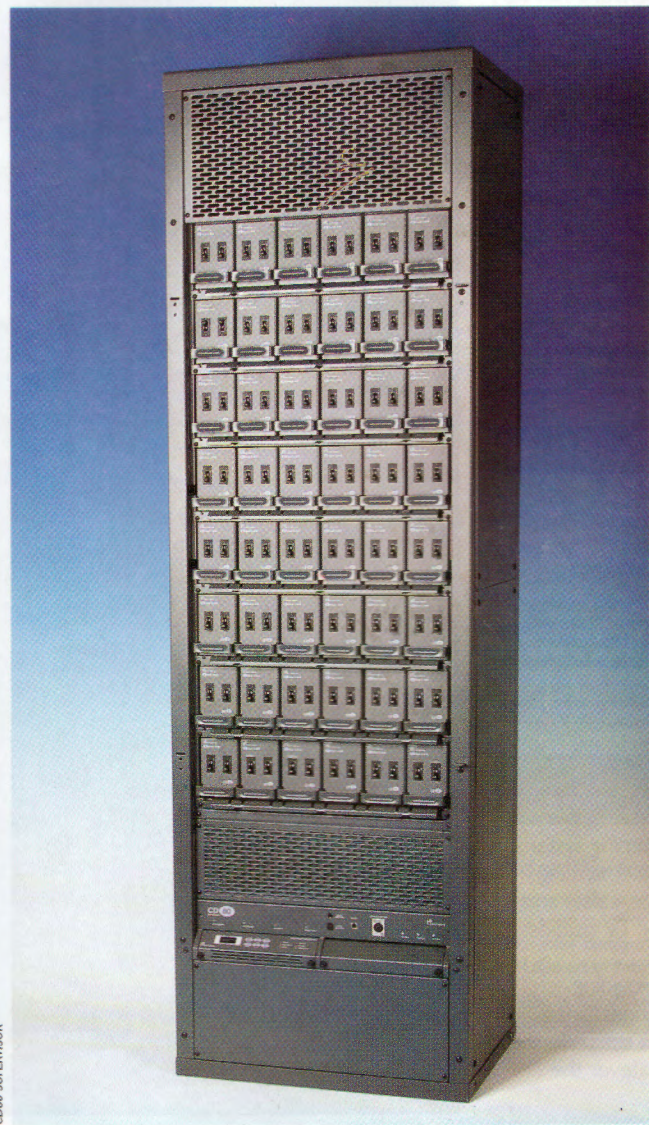
Digital Environ Accessories

Table with 3 columns: Part No., Description, MSRP \$

CD80 SUPERVISOR™ ★NEW★ MODULAR DIMMER RACK SYSTEM WITH REPORTER™ OPTION

- Plug-in modular digital dimming system for mid to high specification applications
● Up to 96 2.4kW dimmers per rack
● A range of rise times to suit all applications
● Hard firing thyristor module option for smooth dimming performance and ability to run transformer and low wattage loads
● Contactor module options to switch motors, HMI ballasts and other non-dimmable equipment
● All modules available in standard format or with Reporter™ options
● Extensive input control capabilities, ensuring system design flexibility and ability for future system additions and upgrades

- Mux A and Mux B inputs provided as standard with individual patches
● Up to 32 analogue +/- 10V inputs per rack patchable to any dimmer circuit
● 99 System Wide Control (SWC™) memories for additional preset and backup-use, using simple "snapshot" recording
● 16 room (zone) by 8 preset Outlook™ architectural lighting presets for auditorium, front of house and other control
● Direct control of channels and presets by hand held remote programmer with specialised focus functions
● Extensive security features for top grade "live" installations
● Dual electronics processor option for tracking backup
● "Panic" function, to bring up selected dimmers to full, is operational without processor and can be actuated manually or automatically (eg. by a fire alarm system)
● Line voltage regulation to minimise light output changes when the input voltage fluctuates
● Built-in library of fixed and custom dimmer curves, accessible per dimmer
● Smooth digital fade processing



CD80 SUPERVISOR

CD80 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.

CD80 Supervisor™ Racks

Two sizes available. The maximum capacity of a small rack is 48 x 2.4kW, or 24 x 6kW and 24 x 12kW. Large racks can accommodate a maximum of 96 x 2.4kW, or 48 x 6kW. Modules can be mixed in any rack.

Consult your Strand Lighting Representative.

CD80 Supervisor™ Modules

Dimmer modules are available in various module categories: dual 2.4kW, 6kW and 12kW. Choice of chokes. All dimmer and contactor modules are available in standard or Reporter™ versions.

2.4kW Dimmer Module

Each 2.4kW dual dimmer module is available with a choice of three filter chokes and firm or hard fired SSR's. Non dim contactor modules are also available with a variety of dimmer/non dim combinations. All modules are available with optional status reporting.

6.0kW Dimmer Module

6.0kW single dimmer modules are available with a choice of three filter chokes (350ms, 500ms and 800ms). All modules are available with optional status reporting.

12.0kW Dimmer Module

The 12.0kW CD80 dimmer module is the work horse of the television and motion picture industry with extremely rugged SSR's and dependable cooling for the lasting performance. All modules are available with optional status reporting.

CD80 Supervisor™ and Reporter™ functions

All versions of CD80 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, CD80 Supervisor™ can be configured to suit the particular requirement. Installations may include a mixture of large and small racks, and dimmer ratings and specifications, if required.

For further advice, a full specification or installation notes, please contact your local Strand Lighting Representative.

CD90™

120V INTELLIGENT DIGITAL DIMMERS

- Intelligent modular digital dimming system
- Designed to meet the most demanding specifications for performance, safety and installation required by major TV studios, theatres and concert venues
- Load cable compensation, providing consistent voltages at the connector so that every lighting instrument can have the same color temperature whatever the wire length

- Bi-directional feedback sensors provide dimmer interrogation and system monitoring from an on-rack LCD display and remote computer terminal
- Programmable dimmer output voltage so luminaires can be driven with lower voltages to prolong lamp life
- Programmable individual dimmer response time of 30mS, 100mS or 300mS, allowing lightning-fast responses or slower responses for large luminaires to prolong lamp life
- Programmable individual dimmer curves
- Multiple input dimmer control protocols and system partitioning option with simultaneous control of dimmers available from two control sources
- Eight analog input ports per every row of dimmers to accommodate houselight and wall control station requirements
- 32 backup cues with fade time and remote activation memorized into the dimmer electronics
- Individual dimmer temperature monitoring and automatic shutdown if necessary
- 4000V opto-isolation in every

- dimmer module
- High rise-time quiet chokes on every dimmer
- Programmable dimmer numbering and alpha-numeric labelling from a personal computer
- 90V to 146V main input power with electronic phase load monitoring

CD90 is a high-specification dimming system that incorporates advanced electronic and mechanical design concepts to meet the most demanding requirements. The dimmers are controlled by 16-bit single chip processors giving benefits of stability, speed and precision plus the ability to customize performance. Dimmer output levels are maintained by digital calculation while feedback sensors provide the ability to interrogate dimmer status and feedback information. Each CD90 dimmer rack can accommodate a maximum of 96-2.4kW, 48-6kW or 24-12kW dimmers, and systems can be expanded to a maximum of 99 racks.

✓ 95V to 146V 55Hz to 62Hz, single or three phase
 ▲ 800A
 ▼ 96 - 2.4kW, 48 - 6kW, 24 - 12kW
 ▶ 96 max. ● 32
 ■ DMX 512, D54, SMX, 12 analog 0 - 10V (+/-), 8 per processor
 ■ 81" - 24.5" - 22" (2057 x 622 x 559mm)
 ■ Loaded: 1185lbs. (537kg), un-populated: 400lbs. (181kg)
 ■ 24.5" x 22" (622 x 558mm)
 ■ 1230lbs. (558kg)
 ■ 25.8 Cu.ft. (0.73m³)
 ✓ UL, CSA

Pricing is POA because of modular construction.



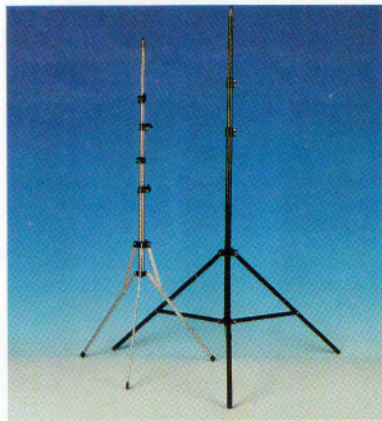
CD90 96 x 2.4kW



SIDE ARM, SAFETY CABLE, SMALL GAFFER GRIP



DISTRIBUTION



LIGHTWEIGHT KIT STANDS

OPERATING POLES FOR QUARTZCOLOR™ P.O. LUMINAIRE

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 1941 | Operating pole, 6' (1.8m), crank-handle | 100.00 |
| 1942 | Operating pole, 9' 3" (2.8m), crank-handle | 111.00 |
| 1943 | Operating pole, 12' 7" (3.8m), crank-handle | 121.00 |
| 1944 | Operating pole, 15' 10" (4.5m), crank-handle | 133.00 |

Strand Lighting is pleased to quote a variety of grip equipment, manufactured by quality companies, upon request.

CONNECTOR STRIPS

- Heavy-gauge cold-rolled steel wireway and mounting brackets in black finish
- 4" x 4" wireway cross section with standard 6" O.C. knockout spacing
- Stage pin, Twistlock, or parallel blade U-ground or GR connectors available, either flush-mounted or 20-50-100 Amp on SO pigtails (18" standard)
- Factory pre-wired from receptacles to terminals for easy, fast installation
- Pigtail-mounted connectors provided with strain relief bushings
- Range of standard mounting brackets available
- Removable wireway cover for simple wiring access
- Choice of circuit numbering methods
- Code gauge steel terminal boxes provided on connector strips with 8 or more circuits
- UL listed
- CSA approved connector strips are also available

Connector strips are used wherever lighting circuits must be distributed over a large area. Typical mounting applications include over stage/studio, front of house and catwalk locations. Strand Lighting's connector strips are made to order, constructed from heavy-gauge steel, and designed to be both durable and cost-effective. A range of mounting brackets is available consisting of: single 1 1/2" batten (pipe) theatre offset style; double 1 1/2" batten (pipe) theatre style; single 1 1/2" batten (pipe) TV symmetrical style; or wall-mounted. Circuit numbers are in 2" yellow on black background; stencilled characters or engraved Lamacoid tags as custom. Custom connector spacing, mounting brackets, wiring configurations, finishes etc are also available. Please contact your local Strand Lighting Representative for details.

ACCESSORIES & GRIP EQUIPMENT

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 1500 | Safety cable, 18" (457mm), for fixtures up to 100lbs. (45kg) | 4.00 |
| 1540 | Sidearm, 15" (381mm), with one tee | 30.00 |
| 1541 | Sidearm, 24" (508mm), with one tee | 47.00 |
| 1543 | Clamp hanger, 8" (508mm) | 85.00 |
| 1550 | Cable clamp, for clamping up to 1.75" (44mm) pipe and 1.75" (44mm) cable | 25.00 |
| 1553 | Junior pipe C-clamp, with 1 5/8" (29mm) receiver | 66.00 |
| 1555 | Standard 2" (51mm) pipe C-clamp, with stud | 10.00 |
| 1558 | Baby pipe C-clamp, with male 5/8" (16mm) spigot | 55.00 |
| 1559 | Standard Double Pipe C-clamp | 50.00 |
| 1580 | Clancy Sure Clamp | 34.00 |
| 1963 | Gaffer grip (small) with 5/8" (16mm) spigot | 37.00 |
| 1964 | Gaffer grip (large) with 5/8" (16mm) spigot | 116.00 |

TORMENTORS & LADDERS

| Part No. | Description | MSRP \$ |
|----------|--|----------|
| 1570 | Tormentor boom, 1 1/2" pipe, 20' (6.1m) long, 6" (152mm) base with tie-off | 250.00 |
| 1571 | Tormentor boom, 1 1/2" pipe, 12' (3.7m) long, 6" (152mm) base with tie-off | 160.00 |
| 1572 | 3-rung light ladder, 57" x 18" (1.5m x 457mm), with 4 - 20A Pigtails | 1,025.00 |
| 1573 | 3-rung light ladder, 57" x 18" (1.5m x 457mm), No Pigtails | 598.00 |

LIGHTWEIGHT KIT STANDS

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 1529 | Folding stand, extends 19.25" to 74.75" (489mm - 1.9m) | 70.00 |
| 1535 | Large Kit Stand, max. height 8' (2.44m), 58" (16mm) stud | 125.00 |

GRIDIRON JUNCTION BOXES

- Range of grid-mounted junction boxes
- Code gauge steel construction in semi-gloss black finish
- Removable cover for simple access to terminal strips
- UL listed

Gridiron Junction Boxes

Convenient method of the transition from conduit to flexible feeds for branch load circuits in theatres and studios. Each box is normally specified along with the cable drops, clamps, cradles and Kellems grips necessary to connect to the corresponding load distribution device (ie. connector strip etc).

8 & 15 Circuits

■ 9lbs. (4kg) ■ 18" x 10" x 4" (460 x 255 x 100mm) ■ 10lbs. (4.5kg) ■ 1.95 Cu.ft. (0.055m³) ✓ UL

20 Circuits

■ 12lbs. (4kg) ■ 18" x 15" x 4" (460 x 380 x 100mm) ■ 13lbs. (4.5kg) ■ 1.95 Cu.ft. (0.055m³) ✓ UL

30 & 36 Circuits

■ 14lbs. (6.3kg) ■ 24" x 15" x 4" (610 x 380 x 100mm) ■ 16lbs. (7.25kg) ■ 3.33 Cu.ft. (0.094m³) ✓ UL

50 Circuits

■ 20lbs. (9kg) ■ 24" x 18" x 4" (610 x 460 x 100mm) ■ 23lbs. (10.4kg) ■ 3.6 Cu.ft. (0.1m³) ✓ UL

| Part No. | Description | MSRP \$ |
|----------|--------------------------------|---------|
| 6051 | Gridiron Box, 8 Circuits max. | 112.00 |
| 6052 | Gridiron Box, 15 Circuits max. | 141.00 |
| 6053 | Gridiron Box, 20 Circuits max. | 167.00 |
| 6054 | Gridiron Box, 30 Circuits max. | 241.00 |
| 6055 | Gridiron Box, 36 Circuits max. | 416.00 |
| 6056 | Gridiron Box, 50 Circuits max. | 533.00 |

Gridiron Junction Box Accessories

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 1550 | Cable clamp, 2" O.D. cable max. | 25.00 |
| 1551 | Support cradle, 1.375" O.D. cable max. | 75.00 |
| 1501 | Support cradle, 2" O.D. cable max. | 158.00 |
| 1552 | Kellems grip (specify cable O.D.) | 150.00 |

Note: #12AWG multi-conductor cable drops to be ordered per project requirements. Specify quantity and length of drops, and number of conductors required per drop.

FLOOR POCKETS

- Range of permanent flush floor pockets
- Code gauge steel back box in semi-gloss black
- Grounding TL and Grounding Pin connectors
- Rugged cast iron non-skid tread cover plate
- Hinged cover has integral cast hinges and cable notches
- Connectors are mounted on angled insert for ease of use
- Three conduit knockouts on each end; four knockouts on bottom
- UL listed

Floor Pockets

Floor pockets provide concealed power at floor level for a wide range of applications. A variety of standard connector configurations available. Custom connectors available on order.

■ 10lbs. (4.5kg) ■ Back box: 13.5" x 10" x 9.5" (343 x 255 x 240mm), tread plate: 14.375" x 11" x 0.375" (365 x 280 x 9.5mm) ■ 12lbs. (5.44kg) ■ 2 Cu.ft. (0.05m³) ✓ UL

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 6011 | Floor Pocket, 3 - 20A Pin Connector | 365.00 |
| 6021 | Floor Pocket, 3 - 20A Twistlock Connector | 375.00 |
| 6031 | Floor Pocket, 4 - 20A Pin Connector | 395.00 |
| 6041 | Floor Pocket, 4 - 20A Twistlock Connector | 408.00 |
| 6081 | Floor Pocket, 6 - 20A Pin Connector | 475.00 |
| 6091 | Floor Pocket, 6 - 20A Twistlock Connector | 455.00 |

Note:
 1. For use with custom connector configurations and inserts, the backbox, door, and frame are available separately (# 3-06664-010). Contact your local Strand Lighting Representative for details and insert availability.
 2. If required, a voltage barrier can also be added, allowing a low voltage control receptacle (for console input, hand-held remotes, etc) to be mounted next to power receptacles.

PLUG BOXES

- Wide range of surface-mounted and recessed plug-in boxes
- Code gauge steel construction in semi-gloss black
- Two conduit knockouts on each end
- Bracket kit available for mounting on 1 1/2" pipe
- 20 amp Grounding Twistlock and Grounding Pin connectors standard
- Connectors available flush-mounted, or on 18" 12-3 SO cable pigtails

Surface-Mounted Plug Boxes

Surface mounted or pipe mounted on a 1 1/2" lighting pipe by use of accessory bracket. Available either with flush connectors or 18" pigtails with Twistlock or pin connectors.

■ 11lbs. (5kg) ■ 12" x 6" x 5" (305 x 150 x 127mm) □ 13lbs. (5.8kg) ▣ 1.42 Cu.ft. (0.04m3) ✓ UL

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 6066 | Plug box, 2 - 20A Twistlock, Flush connectors | 100.00 |
| 6069 | Plug box, 2 - 20A Twistlock, 18" Pigtails | 110.00 |
| 6076 | Plug box, 2 - 20A Pin Connector, Flush connectors | 100.00 |
| 6079 | Plug box, 2 - 20A Pin Connector, 18" Pigtails | 110.00 |
| 6026 | Plug box, 3 - 20A Twistlock, Flush connectors | 115.00 |
| 6029 | Plug box, 3 - 20A Twistlock, 18" Pigtails | 130.00 |
| 6016 | Plug box, 3 - 20A Pin Connector, Flush connectors | 115.00 |
| 6019 | Plug box, 3 - 20A Pin Connector, 18" Pigtails | 130.00 |
| 6046 | Plug box, 4 - 20A Twistlock, Flush connectors | 127.00 |
| 6049 | Plug box, 4 - 20A Twistlock, 18" Pigtails | 150.00 |
| 6036 | Plug box, 4 - 20A Pin Connector, Flush connectors | 127.00 |
| 6039 | Plug box, 4 - 20A Pin Connector, 18" Pigtails | 150.00 |
| 6086 | Plug box, 6 - 20A Twistlock, Flush connectors | 151.00 |
| 6089 | Plug box, 6 - 20A Twistlock, 18" Pigtails | 192.00 |
| 6096 | Plug box, 6 - 20A Pin Connector, Flush connectors | 151.00 |
| 6099 | Plug box, 6 - 20A Pin Connector, 18" Pigtails | 162.00 |

Surface-Mounted Plug Box Accessories

| Part No. | Description | MSRP \$ |
|--------------|--|---------|
| 3-199008-010 | Bracket kit, for pipe-mount applications, (one per Plug box) | 18.00 |

Recessed Plug Boxes

Plug boxes designed to be recessed in a wall. Available either with flush connectors or 18" pigtails with Twistlock or Pin connectors.

■ 9lbs. (4kg) ■ Backbox: 12" x 6" x 5" (305 x 150 x 127mm), faceplate: 13" x 7" (330 x 178mm) □ 11lbs. (5kg) ▣ 1.42 Cu.ft. (0.04m3) ✓ UL

| Part No. | Description | MSRP \$ |
|----------|--|---------|
| 6025 | Recessed Plug box, 3 - 20A Twistlock, Flush connectors | 125.00 |
| 6028 | Recessed Plug box, 3 - 20A Twistlock, 18" Pigtails | 138.00 |
| 6015 | Recessed Plug box, 3 - 20A Pin Connector, Flush connectors | 125.00 |
| 6018 | Recessed Plug box, 3 - 20A Pin Connector, 18" Pigtails | 138.00 |
| 6045 | Recessed Plug box, 4 - 20A Twistlock, Flush connectors | 133.00 |
| 6048 | Recessed Plug box, 4 - 20A Twistlock, 18" Pigtails | 160.00 |
| 6035 | Recessed Plug box, 4 - 20A Pin Connector, Flush connectors | 133.00 |
| 6038 | Recessed Plug box, 4 - 20A Pin Connector, 18" Pigtails | 160.00 |
| 6085 | Recessed Plug box, 6 - 20A Twistlock, Flush connectors | 162.00 |
| 6088 | Recessed Plug box, 6 - 20A Twistlock, 18" Pigtails | 200.00 |
| 6095 | Recessed Plug box, 6 - 20A Pin Connector, Flush connectors | 162.00 |
| 6098 | Recessed Plug box, 6 - 20A Pin Connector, 18" Pigtails | 200.00 |

RECEPTACLE STATIONS

- Standard receptacle stations for consoles, handheld remotes, remote video and other installation needs
- Modular components
- Stainless steel faceplates
- Selection of receptacle insert panels
- Label sheet supplied with each faceplate

Faceplates

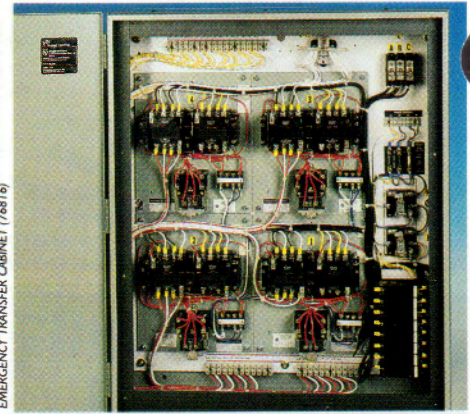
1-gang, 2-gang, 3-gang and 4-gang stainless steel faceplates for mounting to standard junction boxes.

| Part No. | Description | MSRP \$ |
|--------------|-------------------|---------|
| I-293041-000 | Faceplate, 1-gang | 18.00 |
| I-293042-000 | Faceplate, 2-gang | 20.00 |
| I-293043-000 | Faceplate, 3-gang | 22.00 |
| I-293044-000 | Faceplate, 4-gang | 24.00 |

Receptacle Insert Panels

All receptacle insert panels are 1-gang in stainless steel. Combinations can be used in multi-gang faceplates to provide needed configurations. Commonly-used receptacles are listed below. Description number designates pins, sleeves or contacts, M designates Male and F designates Female receptacle. Other receptacles are available on special order.

| Part No. | Description | MSRP \$ |
|--------------|------------------------|---------|
| 3-283414-010 | D4F, AMX and Overtemp | 50.00 |
| 3-283423-010 | D5M, DMX | 50.00 |
| 3-283416-010 | D5F, Handheld remote | 70.00 |
| 3-283446-010 | D6M, GSX, LBX Handheld | 70.00 |
| 3-283445-010 | D6F, GSX, LBX Handheld | 70.00 |
| 3-283430-010 | DB15F, Analog | 70.00 |
| 3-283433-010 | DB15M, Analog | 70.00 |



EMERGENCY TRANSCEIVER CABINET (76816)

CONTROL CABLES

| Part No. | Description | MSRP \$ |
|--------------|---|---------|
| I1052-10 | AMX output cable, Overtemp cable, A4F/A4M, 12' (3.6m) | 100.00 |
| I1052-40 | AMX output cable, Overtemp cable, A4F/A4M, 25' (6m) | 150.00 |
| I1052-20 | AMX output cable, Overtemp cable, A4F/A4M, 50' (15m) | 175.00 |
| I1052-30 | AMX output cable, Overtemp cable, A4F/A4M, 100' (30m) | 225.00 |
| 8090 | DMX output cable, A5M/AS5, 25' (7.6m) | 150.00 |
| 8091 | DMX output cable, A5M/AS5, 50' (15m) | 175.00 |
| 8092 | DMX output cable, A5M/AS5, 100' (30m) | 225.00 |
| 66094 | Analog output cable, DB15M/DB15M, 25' (7.6m) | 150.00 |
| 8146 | Analog output cable, DB15M/DB15M, 50' (15m) | 175.00 |
| 8147 | Analog output cable, DB15M/DB15M, 100' (30m) | 225.00 |
| 8143 | Analog splitter cable, DB15F/2 - DB15M, 18" (450mm), to connect Mantrix LX to CD80 6k & 12k packs | 110.00 |
| 3-262182-010 | Console to Lightpalette Hand Held Remote cable, DB9F/AS5, 25' (7.6m) | 150.00 |
| 3-262109-010 | Console to remote switches cable, DB37F/37F | 150.00 |
| 3-262172-010 | Remote video cable, DB25M/DM25F, 25' (7.6m) | 125.00 |
| 3-262172-030 | Remote video cable, DB25M/DM25F, 50' (15m) | 125.00 |
| 3-262172-040 | Remote video cable, DB25M/DM25F, 100' (30m) | 260.00 |
| 3-262167-010 | LP90 Desk to Tower cable, DB9M/DB9F, 25' (7.6m) | 150.00 |
| 3-262167-020 | LP90 Desk to Tower cable, DB9M/DB9F, 50' (15m) | 185.00 |
| 3-262167-030 | LP90 Desk to Tower cable, DB9M/DB9F, 100' (30m) | 110.00 |
| 3-262229-010 | Control extension cable, DB9F/DB9M, 25' (7.6m) | 150.00 |
| 3-262229-020 | Control extension cable, DB9F/DB9M, 50' (15m) | 185.00 |
| 3-262229-030 | Control extension cable, DB9F/DB9M, 100' (30m) | 110.00 |
| 66071 | Remote cable extension, XLR6, 30' (10m) GSX, LBX | 175.00 |
| 66072 | Remote cable extension, XLR6, 80' (24m) GSX, LBX | 200.00 |
| 66073 | Remote link cable, D9-XLR6, 6' (2m) | 45.00 |



EMERGENCY TRANSFER CABINETS

- Wall-mounted emergency power transfer cabinets
- Ensures continuous power to selected lighting circuits by automatically switching loads to emergency supply upon loss of normal power, and returns loads to normal source when power returns
- Evaluated to UL 1008 for Automatic Transfer Switches
- Conforms to National Electric Code
- Recommended for theatre houselighting, office buildings, hotel conference areas, any public spaces
- Integral test switch for periodic checking
- Finished in semi-gloss light gray

Emergency Transfer Cabinets

A rugged and cost-effective line of fully UL listed automatic transfer switches. The cabinets utilize power transfer relays with both electrical and mechanical interlocks between normal and emergency power, for maximum safety and reliability. Choice of 2, 4, 6 or 8 - 20A load circuits. For either individual 120V/220V single phase 4-wire emergency power feeds or a single 120/208V 3-phase 4-wire emergency power feed. 3 phase cabinets include 20A branch breakers for all load circuits.

2 Circuit

✓ 120V 60Hz 2 - 20A, 24" x 20" x 8.625" (610 x 508 x 219mm) 70lbs. (32kg) 75lbs. (34kg) 4 Cu.ft. (0.11m³)
 ✓ UL 1008, National Electric Code art. 230-83, 700, 701

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 76810 | 2 - 20A circuits, Emergency Transfer Cab., Individual emergency feeds | POA |

4 Circuit

✓ 120/208V 60Hz 4 - 20A, 36" x 30" x 8.625" (914 x 762 x 219mm) 100lbs. (45.5kg) 110lbs. (50kg) 8.5 Cu.ft. (0.24m³)
 ✓ UL 1008, National Electric Code art. 230-83, 700, 701

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 76811 | 4 - 20A circuits, Emergency Transfer Cab., Individual emergency feeds | POA |
| 76814 | 4 - 20A circuits, Emergency Transfer Cab., 3-phase emergency feed with circuit breakers | POA |

6 Circuit

✓ 120V 60Hz single or 208V 60Hz 3-phase 6 - 20A, 36" x 30" x 8.625" (914 x 762 x 219mm) 130lbs. (59kg) 145lbs. (66kg) 8.5 Cu.ft. (0.24m³)
 ✓ UL 1008, National Electric Code art. 230-83, 700, 701

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 76812 | 6 - 20A circuits, Emergency Transfer Cab., Individual emergency feeds | POA |
| 76815 | 6 - 20A circuits, Emergency Transfer Cab., 3-phase emergency feed with circuit breakers | POA |

8 Circuit

✓ 120V 60Hz single or 208V 60Hz 3-phase 8 - 20A, 36" x 30" x 8.625" (914 x 762 x 219mm) 170lbs. (77kg) 185lbs. (84kg) 8.5 Cu.ft. (0.24m³)
 ✓ UL 1008, National Electric Code art. 230-83, 700, 701

| Part No. | Description | MSRP \$ |
|----------|---|---------|
| 76813 | 8 - 20A circuits, Emergency Transfer Cab., Individual emergency feeds | POA |
| 76816 | 8 - 20A circuits, Emergency Transfer Cab., 3-phase emergency feed with circuit breakers | POA |

STRAND WORLDWIDE

Contact the offices listed below for the Strand Representatives and dealers in your area or for assistance on lighting projects.



USA/LATIN AMERICA

Los Angeles Office

Strand Lighting Inc.
 18111 S. Santa Fe Avenue
 Rancho Dominguez, CA 90221
 Toll Free: 800-733-0564 Telephone: 310-637-7500
 Fax: 310-632-5519 Toll Free Fax: 800-775-LEKO (5356)

New York Office

Strand Lighting Inc.
 20 Bushes Lane
 Elmwood Park, NJ 07407
 Telephone: 201-791-7000
 Fax: 201-791-3167

CANADA

Strand Lighting Canada

2430 Lucknow Dr. #15
 Mississauga, Ontario, L5S 1V3, Canada.
 Toll Free: 800-387-3403 Telephone: 905-677-7130
 Fax: 905-677-6859

ASIA

Strand Lighting Asia Limited

7/F Corporation Square, 8 Lam Lok Street,
 Kowloon, Hong Kong
 Telephone: 852 757 3033 Fax: 852 757 1767
 Note : Area code numbers will be changed after January 1995

EUROPE

United Kingdom

Strand Lighting Limited
 Grant Way, Isleworth
 Middlesex TW7 5QD
 Telephone: 081-560 3171 Fax: 081-568 2103
 Note : Area code numbers will be changed after April 1995

Germany

Strand Lighting GmbH
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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.

Lights! also includes regular offers of Strand clothing, books, StrandCAD disks, lighting design stencils and pens, videos, plus free information with Strand Fact Sheets. To receive your own FREE copy of *Lights!* regularly, complete the registration form on the back cover.

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LIGHTING PROJECT ASSISTANCE

Strand Lighting is equipped with the technical skills necessary to undertake a complete project in accordance with the client's specification, providing excellent service through all stages of the project. This includes planning, design, manufacturing, transport and commissioning stages as well as training and instruction in maintenance. Attention to detail, close co-ordination with clients and consultants and continuous service until the completion of the project has resulted in countless jobs brought in on time and on budget. If you require help in specifying or planning lighting systems, call Strand Lighting, or your local Strand Lighting Representative.

REGISTRATION

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Name _____
 Address _____

 Zip _____

Work place (check one box only please)

- Professional theatre
- Amateur theatre
- Civic venue
- Education
- Architectural practice
- Broadcast / TV
- Motion picture production
- Video production
- Theatre: rental/supply
- Motion Picture: rental/supply
- Television: rental/supply
- Electrical wholesalers/distributor
- Other (please specify) _____

Profession

- Cinematographer
- Chief electrician/technician
- Lighting designer
- Interior designer
- Architect
- Still Photographer
- Videographer
- Consultant engineer
- Electrical contractor
- Lecturer
- Student
- Other (please specify) _____

What is your company's annual budget for lighting equipment? _____

Do you have responsibility for this expenditure? yes no

What other lighting journals do you read? _____

Is English your first language? yes no
 If not, what is your first language?

French German Italian Spanish

other (please specify) _____

Signature _____

