



# LIGHTING FOR ENTERTAINMENT HIRE CHARGES

U.K. only, cancelling all previous prices

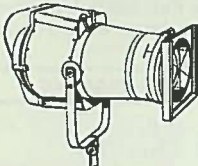
FEBRUARY 1968



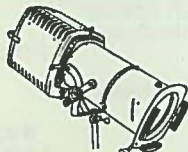
Patt 23 250/500 Watt



Patt 263 1000 Watt



Patt 93 1000 Watt



Patt 293 2000 Watt



Patt 45 250/500 Watt



Patt 123 250/500 Watt



Patt 223 1000 Watt



Patt 243 1000 Watt

## PROFILE SPOTS

These project a hard-edge beam of any profile determined by the shape of the aperture at the gate between the reflector system and the lens. Where there are two or more beam angles to choose from, the narrower the beam angle the greater the intensity. The accurate control of beam shape and spread make Profile Spots the ideal unit for lighting from the Front of House.

The weekly hire charge also includes three empty colour frames, 30-ft of flexible cable with plug connectors, projector lamp and barrel clamp or telescopic stand (if required). Stand only for Patt 293, 501.

**State voltage of supply, lamp wattage, and whether clamp or stand is required.**

<b>Patt 23 250/500 Watt</b> , 20° beam angle, with adjustable mask or iris diaphragm	<b>20/-</b>
<b>Patt 23W 250/500 Watt</b> , 36° beam angle, otherwise as Patt 23	<b>20/-</b>
<b>Patt 23/S 250/500 Watt</b> , 20° beam angle, with four built-in beam-shaping shutters Diffuser glass in frame for Patt 23, 23/S, 23W	<b>20/-</b> <b>1/6</b>
<b>Patt 23N 250/500 Watt</b> , 11° beam angle, otherwise as Patt 23 Narrow angle lens tube only to convert Patt 23 or 23W to Patt 23N	<b>22/6</b> <b>10/-</b>
<b>Patt 263 1000 Watt</b> , 20° beam angle, with four built-in beam shaping shutters and, if required, iris diaphragm	<b>42/-</b>
<b>Patt 264 1000 Watt</b> , 17° beam angle with four soft-edge and four hard-edge shutters and, if required, iris diaphragm	<b>42/-</b>
<b>Patt 264W 1000 Watt</b> , 26° beam angle, otherwise as Patt 264	<b>42/-</b>
<b>Patt 93 1000 Watt</b> , 15° beam angle, with built-in iris diaphragm, adjustable mask, rear handle and six colour frames	<b>66/-</b>
<b>Patt 93N 1000 Watt</b> , 8° beam angle, otherwise as Patt 93 Narrow angle lens tube only to convert Patt 93 to Patt 93N	<b>66/-</b> <b>20/-</b>
<b>Patt 293 1000/2000 Watt</b> , 15° beam angle, with built-in iris diaphragm and blackout disc, four built-in shutters, front and rear handles, 6 colour frames. With 1000-Watt projector lamp	<b>92/6</b>
With 2000-Watt projector lamp	<b>142/6</b>
<b>Patt 501 Sunspot Arc</b> , 15° beam angle, with necessary inductor, heavy stand, built-in iris and shutters, 5-colour magazine and 1 pair carbons	<b>500/-</b>
Colour Wheel, hand-operated, for Patt 23, 53, 93 or 501 (state which)	<b>10/-</b>
Colour Wheel AC motor-driven, for Patt 23, 23N, 53, 123, 263, 264 (state which)	<b>27/6</b>
Colour Change Wheel AC motor driven with 5-position remote control box and 100-ft. cable, for Patt 23, 23N, 123, 263, 264 (state which)	<b>50/-</b>
<i>Note: Colour wheels are fitted with 'Cinemoid' Nos. 6, 41, 7, 22, 4</i>	

## FRESNEL SPOTS

These provide a circular soft-edged beam free from filament striation. The beam spread is variable from an intense near-parallel beam to a medium angle flood. The larger the lens diameter the greater the efficiency. These qualities make the Fresnel Spot the most flexible unit for lighting the acting area from the stage itself. The addition of a rotatable barndoor attachment allows the soft-edges of the beam to be contained for open-stage applications.

The weekly hire charge includes three empty colour frames, 30-ft of flexible cable with plug connectors, projector lamp and barrel clamp or telescopic stand (if required).

**State voltage of supply, lamp wattage, and whether clamp or stand is required.**

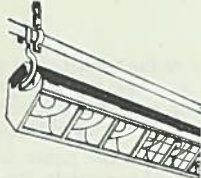
<b>Patt 45 250/500 Watt</b> , 4½-in. dia. lens, 14°/45° beam spread	<b>15/-</b>
<b>Patt 123 250/500 Watt</b> , 6-in. dia. lens, 16°/43° beam spread Four-door rotatable barndoor attachment for Patt 123	<b>20/-</b> <b>1/6</b>
<b>Patt 223 1000 Watt</b> , 8-in. dia. lens, 15°/82° beam spread Four-door rotatable barndoor attachment for Patt 223	<b>42/-</b> <b>4/-</b>
<b>Patt 243 1000 Watt</b> , 10-in. dia. lens, 16°/50° beam spread	<b>36/-</b>
<b>Patt 243BP 2000 Watt</b> , 10-in. dia. lens, 16°/50° beam spread Four-door rotatable barndoor attachment for Patt 243, 243BP	<b>72/-</b> <b>4/-</b>



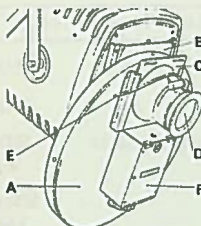
Patt 137 100/200 Watt



Patt 49 1000 Watt



S type Batten



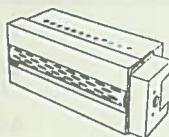
Patt 252 with moving effects disc and objective lens. The disc housing (A) can be rotated by means of the integral turntable (B). The runners (C) are for the objective lens (D) and for colour filter or mask if necessary. A retainer spring (E) is provided for the lens. The speed and direction of the projected effect is adjustable within the motor housing (F).



Patt 252 2000 Watt



Patt 152 4000 Watt



Tubular Ripple

## FLOODLIGHTS, BATTEN & FOOTLIGHT

These all provide a fixed wide angle beam and are used mainly for lighting parts of the setting such as door and window backings or a backcloth or cyclorama background. Footlights should never be used as a main source of illumination and are often better employed as groundrow at the base of a cyclorama. Floodlighting is too indiscriminate for use on open-stages.

The weekly hire charge also includes up to 30-ft of flexible cable with plug connectors and general service lamp(s), but does not include colour filters.

**State voltage of supply, lamp wattage, and for compartment equipment the number of circuits required.**

- Patt 137 150/200 Watt, 105° beam spread, with three colour frames and barrel clamp 10/-
- Masking Hood attachment for Patt 137 1/-
- Patt 60, 500 Watt, 90° beam spread, with three colour frames and barrel clamp or telescopic stand (if required) 18/6
- Patt 49, 1000 Watt, 120° beam spread, with three colour frames and telescopic stand or barrel clamp (if required) 21/-
- S type Batten, 6-ft length with eight 150 Watt compartments on 2, 3 or 4 circuits, with one set of colour frames and, if required, suitable length of barrel with chain bridle 30/-
- S type Footlight or Groundrow, 6-ft length with eight 150 Watt compartments on 2, 3 or 4 circuits, with one set of colour frames 30/-

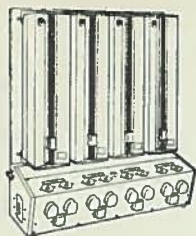
## EFFECTS PROJECTION

The majority of moving effects require an Effects Spot (Patt 52, 252, 152), a moving effects attachment, and an objective lens, as illustrated. Conventional stationary slides require a slide carrier and turntable front instead of an effects attachment. The Patt 223/L Linnebach provides an alternative method, on the shadowgraph principal, using a large do-it-yourself slide separate from the light source.

**State voltage of supply, lamp wattage, and whether clamp or stand is required.**

- Patt 223/L Linnebach, 1000 Watt with shaping shutters, up to 30-ft of flexible cable with plug connectors, barrel clamp or telescopic stand and Class T6 projector lamp 42/-
- Patt 52 1000 Watt, 5-in. dia. 3-element condenser lens, with up to 30-ft flexible cable with plug connectors, barrel clamp or telescopic stand (if required) and Class A1 projector lamp 28/-
- Patt 252 1000/2000 Watt, 6-in. dia. 3-element condenser lens with up to 30-ft flexible cable with plug connectors, barrel clamp or telescopic stand (if required).  
With 1000-Watt projector lamp 92/6  
With 2000-Watt projector lamp 142/6
- Slide Carrier, for 3½-in. square slides, with turntable front, for Patt 52, 252 with standard objective lens (STATE LENGTH OF THROW AND SIZE OF PICTURE) 12/6
- Rainbow Slide, for use with slide carrier 10/-
- Patt 152 4000 Watt, 6-in. dia. 4-element condenser lens with transformer, special stand, slide carrier with turntable front and 4-in. high definition objective lens, up to 30-ft of flexible cable with plug connectors but excluding 4000-watt 110-volt tubular projector lamp which must be purchased 288/-
- Moving Effects Attachments, AC motor-driven, to fit Patt 52, 252, 152 with standard objective lens (STATE LENGTH OF THROW AND SIZE OF PICTURE) Fleecy Clouds, Storm Clouds, Rain, Snow, Waterfall or Running Water, Flames, Sea Wave, Water Ripple, Dissolving Colour, Chromosphere, Chromatrope. 38/-
- Forked Lightning, for use as above, hand-operated, with lens 20/-
- Flame Flicker, AC motor-driven, for Patt 123, 223, 23 (state which) 20/-
- Tubular Ripple Effect, 1000 Watt, self-contained, AC motor-driven with up to 30-ft of flexible cable with plug connectors (30-ft wide by 4-ft high projection at 6-ft throw) 40/-
- Lightning Flash, with photo-flood lamp, 30-ft cable and push-button switch 12/6
- Patt 201 U.V. Flood. AC only, with choke, 30-ft cable with plug connectors and 125 Watt Black Light lamp 25/-
- Patt 30C U.V. Flood, AC only, complete as above 30/-
- Smoke Box, with 30-ft cable and plug connectors, excluding powder 12/6
- Flash Box, with 30-ft cable and plug connectors, exclusive of powder 20/-
- Bomb Tank with cable, plug, switch and fuseboard, exclusive of maroons 25/-
- Dry Ice Machine, 3000-watt element, with 30-ft cable, exclusive of dry ice which must be obtained locally 70/-

## DIMMERBOARDS



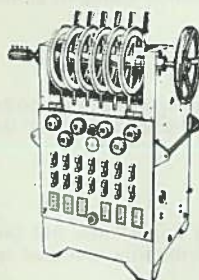
JUNIOR 8



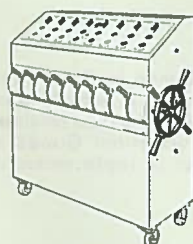
H.A.8/CAR



Ten/20



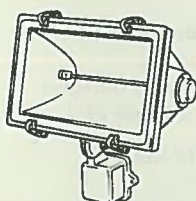
6-way Interlocking



8-way Interlocking



Patt 690 500/1000 Watt



Patt ET. 1500

All portable dimmerboards are fitted with sockets for the connection of the lamp loads. These permit circuit substitution. The weekly hire charge also includes 30-ft. of mains supply cable.

**Junior 8 Portable Dimmerboard, AC only.** Eight 1000-watt max. control channels sharing four 500/1000-watt integral dimmers. Each channel can be switched full-on, off, or on-dimmer and all channels can be faded in or out simultaneously. 5 amp 3-pin socket outlet to each channel.

40/-

**H.A.8 Car Portable Dimmerboard, AC only.** Eight 1000-watt max. fused control channels with B.O/Indep. and Full-on/dimmer-socket switches and four plug-in 500/1000-watt slider dimmers

40/-

**H.A.12 Car Portable Dimmerboard, AC only.** Twelve 1000-watt max. fused control channels with B.O/Indep and full-on/dimmer-socket switches and six plug-in 500/1000-watt slider dimmers

55/-

**Slider Dimmerboards, On/Off switch, fuse and 300, 500 or 1000-watt slider dimmer**

8/-

**Ten/20 Portable Thyristor Lighting Control, AC only.** Twenty control channels and ten variable-load Thyristor dimmers (one 4000-watt max. and nine 2000-watt max.) with 2-preset fingertip control. Each channel can be switched full-on, off, or on-dimmer and all channels faded-in or out simultaneously. 15 amp 3-pin B.S. socket outlet to each channel

400/- nett

### Interlocking Portable Dimmerboards

6 dimmer channels, 500 or 1000-watt dimmers

60/-

6 dimmer channels, 2000-watt dimmers

120/-

8 dimmer channels, 500/1000-watt dimmers, AC only

100/-

8 dimmer channels, 1000/2000-watt dimmers, AC only

150/-

12 dimmer channels, 500 or 1000-watt dimmers

120/-

### Slider Dimmers

100, 300, 500 or 1000-watt Slider Dimmer only

7/6

1500-watt Slider Dimmer only

12/-

2000-watt Slider Dimmer only

15/6

3000-watt Slider Dimmer only

25/-

**Plugboard, 15 amp plug, switch and fuse board**

per way 2/-

## CABLES & SUSPENSIONS

**Main Supply Cable, additional charge over 30-ft**  
To carry up to 6000 watt at 200/240 volt

per ft 6d

To carry over 6000 watt at 200/240 volt

per ft 9d

**Flexible Cable for lanterns, additional charge over 30-ft**

per ft 1d

**12-way, 24-ft Internally Wired Barrel, with barrel clamps, suspension chain bridles and up to 50-ft multicore cable with plug connectors**

per ft 40/-  
9d

**Booms, 14-ft to 20-ft, with six arms**

15/-

## OUTDOOR FLOOD & SPOTLIGHTING

The weekly hire charge, which is nett, also includes lamp, clear front glass. short cable and connectors. State voltage of supply.

**Patt 537 150 Watt Flood, 90° beam spread, with colour frame**

nett 10/-

**Patt 560 500 Watt Flood, 100° beam spread, with colour frame**

nett 18/6

**Patt 690 500/1000 Watt Flood, circular, 100° beam spread, with colour frame if requested**

nett 22/-

**Patt ET.1500 1500 Watt Tungsten-iodine Flood**

nett 30/-

**Patt 143 1000 Watt Fresnel Spot, 12°/40° beam spread, with colour frame**

nett 36/-

3-core flexible cable for above

per foot 1d



Mirror Ball



Orchestra Stand

## SUNDRIES

<b>Orchestra Stand</b> , with lamp, 15-ft cable and plug	<b>6/-</b>
<b>Conductor's Stand</b> , with lamps, 15-ft cable and plug	<b>15/-</b>
<b>Scroll top lighting unit</b> for existing orchestra stand, with lamp, 15-ft cable and plug	<b>3/6</b>
<b>Plug Boards</b> for orchestra stands	per way <b>9d</b>
<b>Mirror Ball</b> , AC motor-driven 12-in diameter	<b>25/-</b>
16-in diameter	<b>30/-</b>
<b>Electric Bells, Buzzers, Door Chimes</b> Single Door, Double Telephone Bell, Buzzer or Door Chime Sets with batteries, cable and pear-push	<b>10/6</b>

## DECORATIVE PROPERTY FITTINGS

Chandeliers, Wall Brackets, candelabra, log and coal fires and telephone handsets are the subject of a separate illustrated publication and price list.

## CONDITIONS OF HIRE

Any transaction made is subject to our current printed **TERMS OF BUSINESS**, a copy of which will be supplied on request.

### ORDERS

All orders for hire of apparatus must be in writing and must state supply voltage, lamp wattage and whether clamp or stand is required.

### HIRE CHARGES

Hire charges are based on a period of one week or part thereof and are charged weekly, irrespective of whether the goods are in use or not. All hire charges are strictly nett, and are due and payable weekly. Unless otherwise arranged between us a week shall be deemed to commence on a Sunday and end on a Saturday both days included.

### LAMPS

The Company undertakes to maintain Lamps in the case of electrical failure under normal working conditions, but the customer must accept full responsibility for mechanical damage. A proportion of spare lamps is ordinarily included in each consignment.

**All faulty lamps must be returned for inspection by the company otherwise they will be charged to customer's account.**

### DELIVERY

Delivery is charged at cost. All apparatus is suitably packed, where necessary. Such packing must be used by Hirer when returning apparatus, otherwise it will be charged for. If any damage or shortage occurs in delivery, notice in writing must be given to the local depot of the Railway Executive or other carriers, within three days. Damaged goods should be retained with the original packing for a reasonable period for inspection by carriers and returned with other Hired Goods at conclusion of Hire period. Failure to observe this will result in Hirer being charged with cost of repair or replacement of damaged article(s).

### RETURN OF GOODS

All goods must be returned to the Branch from which received. Goods hired from London should be sent to Hire Stores at 271 Kennington Lane, S.E.11 (5 minutes drive from south end of Vauxhall Bridge).

### APPARATUS

Apparatus is hired complete (less colours) and while every endeavour will be made to supply lanterns as ordered, we reserve the right to substitute other designs when necessary.

## THE STRAND ELECTRIC & ENGINEERING CO. LTD.

HIRE DEPARTMENT: 271 KENNINGTON LANE, LONDON, S.E.11. PHONE: 01-735 7811

**Northern Branch:**  
Jubilee Works, Constable Street,  
Manchester 18.  
Phone: East 4141

**Eire Branch:**  
30 Upper Abbey Street,  
Dublin.  
Phone: Dublin 47078

**Scottish Distributors:**  
Stage Furnishings Ltd.,  
346 Sauchiehall Street, Glasgow.  
Phone: Glasgow, Douglas 6431

**Head Office:** 29 King Street, Covent Garden, London, W.C.2. Phone: 01-836 4444 (16 lines)