



STAGE LIGHTING PRICE LIST

PURCHASE PRICES PAGES 1-8

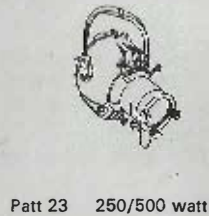
HIRE CHARGES PAGES 9-12

These prices cancel all previous lists and apply in the U.K. only.

AUGUST 1972

PROFILE SPOTS

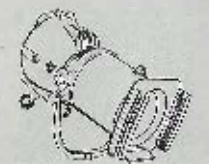
These project a hard-edge beam of any profile determined by the shape of the gate aperture using the built-in shutters between the reflector system and the lens.
 Patt 263 and 264 models can be supplied for pole-operation of pan and tilt.
 Prices of Profile, Bi-focal and Follow spotlights include tilting fork, one frame for colour, 1 metre external length of heat-resisting cable (except Patt 253, 293) but *do not include* lamp, colour filter or suspension clamp.



Patt 23 250/500 watt

Patt 23 250/500 watt, 20° beam angle, with 4 built-in beam shaping shutters, and gate runners. P.28s holder for Class T/1 lamp
Patt 23/H As above, but fitted with handle
Patt 23F 250/500 watt, 30° beam angle, with 4 built-in beam shaping shutters
Patt 23F/H As above, but fitted with handle
Patt 23W 250/500 watt, 36° beam angle, with 4 built-in beam shaping shutters
Patt 23W/H As above, but fitted with handle
 12-leaf iris diaphragm for any Patt 23
 Adjustable straight-edge mask for any Patt 23
 Diffuser glass in frame for Patt 23, 23W
 Set of four fixed-aperture masks for any Patt 23

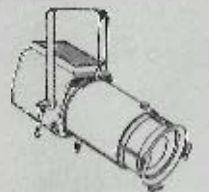
Order Code	£
2001 003	16-20
2001 109	17-10
2001 204	17-60
2001 30T	18-50
2001 405	17-60
2001 500	18-50
23 363 09	1-80
23 364 04	0-50
23 374 01	0-60
23 362 03	0-40



Patt 23N 250/500 watt

Patt 23N 250/500 watt, 11° beam angle, with iris diaphragm, 4 built-in beam shaping shutters and rear handle

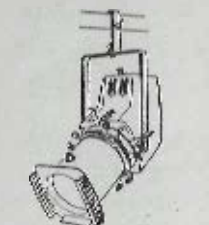
2002 000 27-60



Patt 763 1000 watt tungsten halogen

Patt 763 1000 watt tungsten halogen, 20° beam angle, with 4 built-in shutters, gate runners, twin 6-in dia. P.C. lens, handle, and GX9.5 holder for Class T/9 or CP/24 lamp
Patt 763F 1000 watt tungsten halogen, 24° beam angle, Fresnel lens, otherwise as above
Patt 763W 1000 watt tungsten halogen, 30° beam angle, otherwise as Patt 763

21 03 004	51-00
21 03 10T	40-80
21 03 205	51-00



Patt 264 1000 watt

Patt 263 1000 watt, 20° beam angle, with 4 built-in shutters, gate runners, 6-in dia. Fresnel lens, and pretilted P.28s holder for Class T/4 lamp
Patt 263W 1000 watt, 26° beam angle, P.C. lens, otherwise as Patt 263
 12-leaf iris diaphragm for any Patt 763, 263, 773

2017 001	36-00
2017 202	40-20
23 625 04	3-40

Patt 253 2000 watt, 24° beam angle, with 4 built-in beam shaping shutters, built-in 18-leaf iris and internal terminal block to P.40s holder for A1/218 or CP/28 lamp

2016 004 95-00

BIFOCAL SPOTS

Patt 764 1000 watt tungsten halogen, 20° beam angle, with 4 hard-edge 4 soft-edge shutters, gate runners, twin 6-in dia. P.C. lens, handle, and GX9.5 holder for Class T/9 or CP/24 lamp
Patt 764W 1000 watt tungsten halogen, 30° beam angle, otherwise as Patt 764

21 04 001	53-40
21 04 107	53-40

Patt 774 1000 watt tungsten halogen, long range 10-5° beam angle, with 4 hard-edge and 4 soft-edge shutters, gate runners, twin 8-in dia. P.C. lens, handle, and GX9.5 holder for Class T/9 or CP/24 lamp

21 07 003 70-80

Patt 264 1000 watt, 17° beam angle, with 4 hard-edge and 4 soft-edge shutters, gate runners and pretilted P.28s holder for Class T/4 lamp
Patt 264W 1000 watt, 26° beam angle, otherwise as Patt 264
 12-leaf iris diaphragm for any Patt 764, 774, 264

20 18 009	43-40
20 18 20T	45-00
23 625 04	3-40

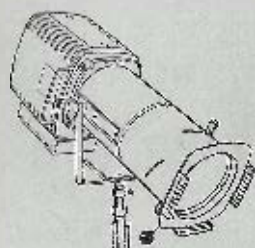
FOLLOW SPOTS

Patt 293 2000 watt, 15° beam angle, with built-in 18-leaf iris and blackout disc, 4 built-in shutters, handles, spigot for stand, and internal terminal block

20 20 005 116-00

Patt 765 1000 watt CSI, 14° beam angle, built-in iris, horizontal and vertical strip shutters, handles, built-in EHT starter unit; complete with external regulation unit and tripod stand
 Hand-operated magazine for 4 colours for Patt 765 or 293
 Mechanical dimming shutter assembly for Patt 765

21 05 009	342-00
23 636 07	21-00
23 740 06	22-20



Patt 765 1000 watt CSI

FRESNEL SPOTS

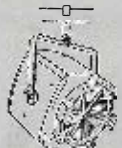
PURCHASE
PRICES



Patt 45 250/500 watt



Patt 123 250/500 watt

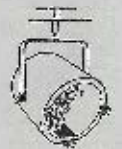


Patt 743 1000 watt
tungsten halogen

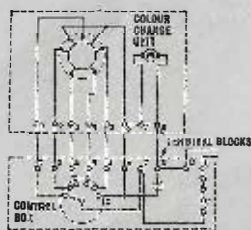
Patt 223 1000 watt



Patt 243BP 2000 watt



Patt 750 1000 watt
tungsten halogen



Ref. 600 control cable is recommended for interconnection. If only continuous rotation is required connect A.C. supply to terminals 7 and 8 of colour change unit.



Mirror Ball with Rotator

These provide a soft-edged circular beam which is variable in spread from an intense near-parallel beam to a medium angle flood. Prices of Fresnel spotlights include tilting fork, one frame for colour, 1 metre external length of heat-resisting cable (except TV Polestar models) but *do not include* lamp, colour filter or suspension clamp.

Patt 45 250/500 watt, 4½-in dia. lens, 14°/45° beam spread, slide focus

Patt 123 250/500 watt, 6-in dia. lens, 26°/51° beam spread, slide focus

Patt 123/C As above, but with colourvred lens

4 door rotatable barndoor attachment for Patt 123 only

Superior barndoor attachment for Patt 123 or 123 Polestar

Flame Flicker AC motor driven effect for Patt 123

Patt 743 1000 watt tungsten halogen, 8-in dia. lens, 15°/82° beam spread, lead screw focus and GX9-5 holder for Class T/9 or CP/24 lamp

Patt 743/C As above, but with colourvred lens

Patt 223 1000 watt, as above, but P.28s holder for Class T/6 lamp

Patt 223/C As above, but with colourvred lens

4-door rotatable barndoor attachment for any Patt 743, 223

Patt 243 1000 watt, 10-in dia. lens, 16°/50° beam spread, lead screw focus and large prefocus lampholder

Patt 243/C As above, but with colourvred lens

Patt 243 BP 2000 watt, 10-in dia. lens, 16°/50° beam spread, lead screw focus and Bipost lampholder for CP/12, or CP/41 tungsten halogen lamp

Patt 243BP/C As above, but with colourvred lens

4-door rotatable barndoor attachment for Patt 243, 243BP or 243TV

Patt. 743TV Polestar, GX9-5 holder for 1000 watt tungsten halogen lamp, 15°/82° beam spread, arranged for pole operation of pan, tilt and focus (hook coupling). Fitted with TV spigot, lens guard, carrying handles and internal terminal block

Patt 243TV Polestar, Bipost holder for 2000 watt lamp, wide 18°/55° beam spread. Pole operation and fittings as above

8-ft pole for Polestar units, hook coupling

4-ft extension pole for 590

BEAMLIGHT

Patt 750 1000 watt tungsten halogen, 10-in dia. parabolic reflector, 9°/18° near-parallel beam spread, lead screw focus and GX9-5 holder for Class T/9 or CP/24 lamp

SPOTLIGHT ACCESSORIES

Colour change wheel, 200/250V AC motor drive for Patt 23, 23F, 23W

Colour change wheel, 200/250V AC motor drive, for Patt 123

Colour change wheel, 200/250V AC motor drive, for Patt 23N II, 263, 264

Set of five Cinemoid colours (Nos. 33, 11, 41, 36, 52) for 382

Set of five Cinemoid colours, as above, for 410, 622

1-unit control box for five position or continuous control of one colour change wheel, with cartridge fuse, 200/250V AC

2-unit control box, otherwise as above, with master switch

4-unit control box, otherwise as above

6-unit control box, otherwise as above

8-unit control box, otherwise as above

Hand operated colour wheel for Patt 23, 23F, 23W

Set of five Cinemoid colours (Nos. 33, 11, 41, 36, 52) for above

Mirror Ball, 12-in dia. with alternate coloured mosaic surface

Mirror Ball, 16-in dia. otherwise as above

Mirror Ball, 24-in dia. otherwise as above

Rotator, 200/250V AC motor drive, for 107, 108, 651

Hand-operated magazine for four colours for Patt 293, 253, 765

Eddiscope effect, AC motor drive multi-colour disc and set of pattern masks, for Patt 23, 23W

Eddiscope multi-colour disc only, for use with colour change motor drive

Set of five pattern masks, plus one blank

3½×5 PC lens (additional) to convert Patt 23 to Patt 23W

Conical narrow angle lens front to convert any Patt 23 to narrow 11° beam

3½×9 PC lens (additional) to convert Patt 264 to Patt 264W

Order Code £

20 03 008 9-00

20 06 00T 16-00

20 06 105 16-80

23 132 02 2-60

23 131 07 5-90

24 640 08 29-00

21 00 002 29-00

21 00 108 29-90

20 11 008 24-00

20 11 103 24-90

23 633 00 7-00

20 13 002 38-60

20 13 108 39-60

20 13 203 38-60

20 13 309 39-60

23 133 08 8-20

21 00 203 58-80

20 13 404 62-20

23 590 03 9-50

23 591 09 6-20

21 01 00T 30-00

23 382 08 13-80

23 410 00 16-30

23 622 08 16-30

31 388 00 0-30

31 390 04 0-35

23 383 03 9-80

23 384 09 14-00

23 385 04 20-30

23 389 06 34-40

23 386 0T 46-20

23 376 02 7-90

31 377 08 0-30

23 107 08 22-40

23 108 03 29-80

23 651 04 72-60

23 110 07 17-40

23 636 07 21-00

23 746 09 12-00

23 747 04 2-70

23 748 0T 2-10

27 310 01 1-40

23 355 02 12-10

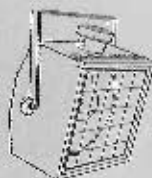
27 644 09 1-60



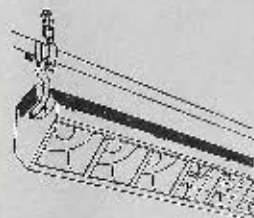
Pat 137
150/200 watt Flood



Pat 80 300/500 watt Flood



Pat 49 1000 watt Flood



Pat S/63 Batten



Mini-Profile with Integral
transformer



Mini-Fresnel with integral
transformer

FLOODLIGHTS

These all provide a fixed, wide angle beam spread.

Prices of individual Floodlights include tilting fork, one frame for colour (except Pat 149TV), 1 metre external length of heat-resisting cable (not Pat QGR.4, QGR.2) but do not include lamp, colour filter, or suspension clamp.

Pat 137 150/200 watt Flood, 105° beam spread	20 07 007	5.40
Masking Hood for Pat 137	23 245 00	0.70
Pat 80 300/500 watt Flood, 90° beam spread	20 05 002	11.40
Pat 49 1000 watt Flood, 120° beam spread	20 04 005	28.80
Pat 149TV 1000 watt Scoop, 120° beam spread, with wire guard and TV spigot	20 08 10T	15.80
Pat QGR.4 4x625/750 watt tungsten halogen Groundrow, 4-ft length, 70° above horizontal beam spread, for four linear lamps on 4 circuits, curved colour frames	21 10 007	51.70
Pat QGR.2 2x625/750 watt tungsten halogen Groundrow, 2-ft length	21 11 004	37.20

PURCHASE
PRICES

Order Code	£
20 07 007	5.40
23 245 00	0.70
20 05 002	11.40
20 04 005	28.80
20 08 10T	15.80
21 10 007	51.70
21 11 004	37.20

BATTEN/BORDERLIGHT

Prices of each length include a pair of hangers to fix to 1½-in ext. dia. pipe, terminal blocks at each end of the wiring trough and short cables to enable lengths to be joined end to end to make up the total length required. One set of colour frames are included but prices do not include colour filters or lamps.

Pat S/63 6-ft Batten, 8x150 watt reflectors on 3 circuits	20 28 003	25.10
Pat S/64 6-ft Batten, 8x150 watt reflectors on 4 circuits	20 29 000	25.10
Pat S/34 3-ft Batten, 4x150 watt reflectors on 4 circuits	20 30 00T	17.20
Pair of floor brackets for groundrow	23 620 07	3.10
Set of four castors for floor brackets	23 621 02	2.00
Cable grip for multicore cable up to ¾-in diameter	23 519 04	0.65

20 28 003	25.10
20 29 000	25.10
20 30 00T	17.20
23 620 07	3.10
23 621 02	2.00
23 519 04	0.65

FOOTLIGHTS

Prices of Pat S-/F Footlight include terminal blocks at each end of the wiring trough, short interconnecting cables, and set of colour frames. Pat JF includes short cables at one end, fixing bracket and floor plate, and clips for colour filter. Prices do not include colour filter or lamps.

Pat S/63/F 6-ft Footlight, 8x150 watt reflectors on 3 circuits	20 28 109	24.80
Pat S/64/F 6-ft Footlight, 8x150 watt reflectors on 4 circuits	20 29 106	24.80
Pat S/34/F 3-ft Footlight, 4x150 watt reflectors on 4 circuits	20 30 105	16.90
Ref. 620 Pair of floor brackets for adjustable tilt groundrow	23 620 07	3.10
Set of four castors for floor brackets	23 621 02	2.00
Cable grip for multicore cable up to ¾-in diameter	23 519 04	0.65
Pat JF/3 3-ft Footlight, 4x40/60 watt BC lampholders on 1 circuit	20 31 007	7.60
Spare colour filter clip for Pat JF/3, JF/3E	23 260 00	0.02

20 28 109	24.80
20 29 106	24.80
20 30 105	16.90
23 620 07	3.10
23 621 02	2.00
23 519 04	0.65
20 31 007	7.60
23 260 00	0.02

MINISPOTS

Small, neat spotlights, for 12 volt 100 watt tungsten halogen lamps, providing adjustable beam distribution as employed in stage and studio lighting.

Each Minispot with an integral 240 volt input transformer is available for either ceiling-fixed Lytespan 2 track interchangeable with Monopoint, or for ceiling mounting on a B.S.31 circular conduit box. Even more compact Minispots (requiring an external, concealed transformer) are available for either ceiling or for wall mounting. Finish: black.

Mini-Profile

Four built-in shutters provide accurate control of beam shape with hard or soft beam edges. 25° max. spread.

Mini-Profile with integral transformer and fused Lytespan 2 adaptor

Mini-Profile with integral transformer and ceiling-mounting plate

Mini-Profile with ceiling-mounting plate (needs external transformer)

Mini-Profile with wall-mounting plate (needs external transformer)

240/12 volt 100 watt external transformer

100 watt 12 volt Rank Strand tungsten halogen lamp

Lens hood, optional clip-on accessory for Mini-Profile

Additional lens and slide-on mount to increase to 50° max. spread

Slide-on holder for 1½-in disc of 'Cinemoid' colour filter

Order Code £

22 105 36 21.40

22 105 00 17.80

22 101 09 12.85

22 101 33 13.25

22 677 05 3.50

34 017 18 1.61 + 39p.p.t.

22 866 02 1.00

22 670 07 1.30

22 671 02 0.40

Mini-Fresnel

Soft-edged beam, spread variable by rear push-pull knob

Mini-Fresnel with integral transformer and fused Lytespan 2 adaptor

Mini-Fresnel with integral transformer and ceiling-mounting plate

Mini-Fresnel with ceiling-mounting plate (needs external transformer)

Mini-Fresnel with wall-mounting plate (needs external transformer)

240/12 volt 100 watt external transformer

100 watt 12 volt Rank Strand tungsten halogen lamp

22 106 30 19.55

22 106 06 15.95

22 104 05 11.00

22 104 3T 11.40

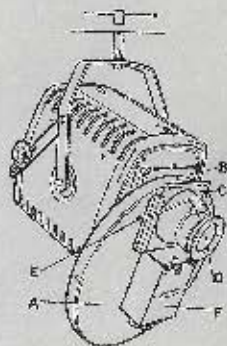
22 677 05 3.50

34 017 18 1.61 + 39p.p.t.

EFFECTS PROJECTORS & ACCESSORIES

PURCHASE
PRICES

The majority of projected moving effects require an Effects Spot, a moving effects attachment, and an objective lens. Scene projection requires a slide carrier and a turntable front instead of an effects attachment.



Patt 252 2000 watt

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 retaining spring (E) is provided for the lens. The speed and direction of the projected effect is adjustable within the motor housing (F).

	Order Code	£
Patt 252 1000/2000 watt, 6-in dia. 3-element condenser lens	20 15 007	94.20
Remote controlled slide change unit for six 3½×4-in slides with turntable front and mount for 393 objective lens	24 516 04	188.00
Control box for above	24 648 01	11.30
Adaptor for 391 objective lens	24 649 07	6.10
Turntable front only for slide carrier	24 154 04	9.60
Metal slide carrier for two 3½×4-in or 3½-in square slides	24 156 05	18.10

Patt 752 4000 watt, 110 volt, 10-in dia. 4-element condenser lens; including slide carrier for 7×7-in slides, reducers for 5×5-in slides, adaptor for moving effects attachments and mount for ref. 393 objective lens. Silent internal fan, anti-surge limiter, and braced stand	20 24 004	770.00
Transformer for Patt 752, 200/250V input, 4kVA at 110V output	24 522 0T	108.00
Special hanging bracket for Patt 752 (in addition to stand)	24 511 07	60.00

HIGH DEFINITION OBJECTIVE LENSES

	Order Code	£
4-in, focus f1.9, Dallmeyer, micrometer focusing	24 391 06	nett 84.00
Lens backplate for above	24 392 01	5.40
6-in, focus f1.9, Dallmeyer, micrometer focusing	24 393 07	nett 140.00
Lens backplate for above	24 394 02	5.40

OBJECTIVE LENSES

commercial quality, slide focusing and with backplate.

	Order Code	£
2½-in focus	24 151 08	19.20
3-in focus	24 152 03	19.20
4-in focus	24 153 09	19.20
Adjustable metal mask	24 343 00	2.00
Beam diverter mirror for above	24 348 07	3.50

MOVING EFFECTS ATTACHMENTS

Disc Type 18½-in dia. AC motor drive	Order Code	£
Thunder Clouds	24 653 01	58.40
Fleecy Clouds	24 134 0T	58.40
Storm Clouds	24 135 05	58.40
Rain	24 136 00	62.00
Snow	24 137 06	59.40
Running Water	24 138 01	74.80
Smoke	24 140 05	69.40
Flames	24 141 00	69.40
Chromosphere	24 667 00	74.00
Dissolving Colours	24 147 03	69.40
Psychodolic Mk II	24 723 04	78.00
Kaleidosphere	24 724 0T	106.00

Box Type 17½×10½-in AC motor drive

	Order Code	£
Sea Wave	24 143 01	59.40
Water Ripple	24 144 07	62.40
Under Sea	24 145 02	60.60

MISCELLANEOUS EFFECTS

Forked Lightning, hand-operated with one slide for use with Effects Spots, objective lens required

Flame Flicker AC motor driven, for Patt 123, no objective lens required

Mica Cloud Slide for Patt 23, 23F, 23W

Eddiscope effect, AC motor driven, for Patt 23, 23W, no objective lens required

Tubular Ripple, self-contained but excluding 1000 watt lamp, AC motor drive 30×4-ft spread at 6-ft throw

Smoke box, 750/1000 watt heater element, with terminal block

Flash box, fitted with 5ft 6-in flexible cable

See **PYROTECHNICS** leaflet for full details of smoke powders, flash powder etc.

U.V. EQUIPMENT & PAINTS

Patt 230 U.V. Display Flood for 125-watt U.V. black-bulb lamp	20 12 005	6.80
125-watt choke for use with Patt 230, AC only	33 405 03	4.10
4-ft button type fitting with control gear for U.V. tube	33 379 01	4.20
4-ft fitting, as above, but with single reflector	33 379 1T	5.60

FLUORESCENT PAINTS

Weights are approximate

U.V.11 Blue, fluorescing blue	10 oz. tin	33 011 00	1.30
U.V.12 White, fluorescing blue	10 oz. tin	33 012 06	1.30
U.V.14 Green, fluorescing green	10 oz. tin	33 014 07	1.30
U.V.15 Yellow, fluorescing yellow	10 oz. tin	33 015 02	1.30
U.V.16 Orange, fluorescing amber	10 oz. tin	33 016 08	1.30
U.V.17 Cream, fluorescing white	10 oz. tin	33 017 03	1.30
U.V.18 Pink, fluorescing pink	10 oz. tin	33 018 09	1.30
U.V.19 Flame, fluorescing red	10 oz. tin	33 019 04	1.30
U.V.20 Curise, fluorescing dark red	10 oz. tin	33 020 02	1.30
U.V.21 Invisible*, fluorescing blue	8 oz. tin	33 021 08	1.40*
U.V.23 Invisible*, fluorescing green	8 oz. tin	33 023 09	1.40*

*U.V.21 and U.V.23 are not intermixable with other colours.

U.V.10 Special Undercoat for U.V.10-20	10 oz. tin	33 010 05	0.85
U.V.28 Special thinners for U.V.10-20	8 oz. tin	33 028 06	0.65
U.V.30 Clear protective varnish	10 oz. tin	33 030 01	0.95

Postage and packing: Add 30p if order for paint under £5.



Box type effect.



Ref. 342 Tubular Ripple



Patt 230 with 125 watt U.V. Bulb.

CLAMPS, STANDS & BRACKETS

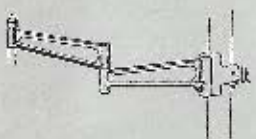
PURCHASE PRICES



Ref. 483 Hook Clamp



Ref. 247 Swivel arm bracket



Ref. 262 Double-swivel arm boom bracket

1 1/2-in external dia. steel pipe, 8, 10, 12 or 14 ft lengths *per ft*
 1 1/2-in external dia. alloy pipe, 8, 10, 12 or 14 ft lengths *per ft*
 Clamping plate to join 1 1/2-in external dia. pipe end-to-end
 Hook clamp for 1 1/2-in ext. dia. pipe
 Safety chain, 22-in long, with clip hook
 1 1/2-in dia. TV spigot for Patt 23, 123, 223, 263, 264, 743, 763, 764
 1 1/2-in dia. TV spigot for Patt 49, 243, 252, 253, 293, 294,
 Hook clamp for TV spigot and 1 1/2-in ext. dia. pipe

Spigot adaptor, 3/8-in thread, for Patt 23, 45, 60, 123, 137, 223, 263, 264
 Spigot adaptor, 1/2-in thread, for Patt 49, 149, 243, 252, 253, 293
 Telescopic stand, 52-89-in. Will accept 484 or 487 spigot
 Junior telescopic stand, 43-77-in. Will accept 484 only
 Tripod base double-extension 12 ft max tall stand. Will accept 484 spigot
 Tripod base, braced stand supplied with TV spigot for Patt 252, 265, 293
 Braced telescopic stand, 34-49-in. Will accept 484 or 487
 Set of three castors for 626-628, 656
 Low stand, 8 1/2-in high. Will accept 484 or 487 spigot
 Double-extension castored stand for TV spigot
 Clamp to join 1 1/2-in ext. dia. pipe at right angles
 Bracket for rigid fixing of 1 1/2-in ext. dia. pipe to wall
 Swivel arm boom bracket for vertical 1 1/2-in dia. pipe
 Double-swivel arm boom bracket, otherwise as above
 Fixed boom bracket for vertical 1 1/2-in dia. pipe
 Swivel arm wall bracket
 Double-swivel arm wall bracket
 Fixed wall bracket for two small spots, one above one below
 Adaptor for 247 or 251 to take two small spots side by side
 Spare threaded stem for swivel arm brackets
 Ceiling plate, or base, for Patt 23, 45, 123, 223, 263, 264, 743, 763, 764
 Ceiling fixing saddle

Brackets 238, 247, 248, 251, 252 are not suitable for Patt 49, 149, 243, 252, 253, 293, 294.

Order Code	£
26 025 08	0-22 nett
26 655 05	0-33 nett
26 829 05	0-95
26 483 07	0-33
26 064 01	0-26
26 592 03	0-90
26 593 09	0-90
26 564 04	3-90
26 484 02	0-26
26 487 09	0-26
26 626 09	12-50
26 627 04	3-30
26 742 06	22-50
26 741 00	18-70
26 628 01	22-10
26 630 03	1-50
26 656 05	5-00
26 702 07	30-50
26 654 01	0-60
26 631 09	1-70
26 251 05	5-50
26 252 00	7-70
26 255 07	1-20
26 247 00	3-10
26 248 06	5-30
26 238 09	0-85
26 486 03	0-35
26 195 01	0-26
26 387 07	0-80
26 259 08	0-65

CABLES & CONNECTORS

MULTICORE CABLE

Tinned copper stranded conductors, numbered cores Butyl insulated and Nylplas sheathed overall.

	1-49 metres per metre		50 metres and over per metre	
	Order Code	£	Order Code	£
9-core, 8 amp	35 051 02	1-45	35 051 10	1-30
15-core, 6 amp	35 053 03	2-30	35 053 11	2-10
25-core, 5 amp	35 055 04	3-75	35 055 12	3-40

CONTROL CABLE

Copper stranded conductors, PVC insulated, colour coded and PVC sheathed. Price per metre as above.

7-core, 1 amp	35 600 08	0-25	35 600 16	0-19
12-core, 1 amp	35 601 03	0-33	35 601 11	0-27

P.V.C. FLEXIBLE CORD

Copper stranded conductors, PVC insulated, 3-core colour-coded, made circular with wormings and PVC sheathed.

	per metre		50 metre coil	
	Order Code	£	Order Code	£
6 amp, 0.75mm ²	35 602 08	0-11	35 602 17	5-00
10 amp, 1mm ²	35 603 04	0-12	35 603 12	5-80
15 amp, 1.5mm ²	35 604 07	0-16	35 604 18	7-50

T.R.S. FLEXIBLE CORD

Copper stranded conductors, VRI insulated, 3 core colour-coded, made circular with wormings and tough rubber sheathed.

6 amp, 0.75mm ²	35 605 05	0-12	35 605 13	5-60
10 amp, 1mm ²	35 606 00	0-14	35 606 19	6-45
15 amp, 1.5mm ²	35 607 06	0-19	35 607 14	8-50

FLY RAIL PLUG & SOCKET BOXES

Constructed in sheet steel with recessed socket panel carrying flush B.S.546 15 amp 3-pin sockets and supplied with mating rubberclad plugtops.

	Order Code	£
6 way 15 amp	26 422 03	12-70
10 way 15 amp	26 429 05	17-90
Connector box only, with terminals for 12 circuits and cable gland	26 020 09	6-20

FLEX CONNECTORS

	Order Code	£
5 amp 3-pin rubberclad flex-socket	35 610 05	0-31
5 amp 3-pin rubberclad plugtop	35 611 00	0-20
15 amp 3-pin rubberclad flex-socket	35 612 06	0-37
15 amp 3-pin rubberclad plugtop	35 613 01	0-26

STAGE DIP TRAPS

Castings with hinged lid provided with cable inlet.

	Order Code	£
1/2 way Dip Trap only, for flush fitting.	26 190 04	4-90
3/4 way Dip Trap only, for flush fitting.	26 192 05	7-60

PLUG AND SOCKET BOXES

For under Stage Dip Traps, etc. Angled sheet steel box, with removable lid fitted with flush B.S.546 3-pin sockets and supplied with mating rubberclad plugtops.

	Order Code	£
2 way 5 amp	26 176 02	4-60
3 way 5 amp	26 177 08	6-10
4 way 5 amp	26 178 03	8-90
2 way 15 amp	26 180 07	4-90
3 way 15 amp	26 181 02	6-45
4 way 15 amp	26 182 08	7-55

INTERNALLY WIRED BARRELS

These consist of 1 1/2-in ext. dia. alloy pipe with PVC insulated wiring brought to short tails at each equidistant lantern position and terminated in 5 or 15 amp 3-pin flex sockets supplied with mating rubberclad plugtops. The other end of the wiring terminates in a numbered terminal box at one end. Constructed in two or more lengths joined by a clamping plate.

Prices on application

State length, number of circuits, and whether 5 amp or 15 amp flex sockets required.

**LIST OF
'CINEMOID'
COLOURS**

1. Yellow
2. Light Amber
3. Scarw
4. Medium Amber
5. Orange
- 5A. Deep Orange
6. Red (Primary)
7. Light Rose
8. Deep Salmon
9. Light Salmon
10. Middle Rose
11. Dark Pink
12. Deep Rose
13. Magenta
14. Ruby
15. Peacock Blue
16. Cyan (Blue-Green)
17. Steel Blue
18. Light Blue
19. Dark Blue
20. Deep Blue (Primary)
21. Pea Green
22. Moss Green
23. Light Green
24. Dark Green
25. Purple
26. Mauve
27. Smoky Pink

29. Heavy Frost
30. Clear
31. Light Frost

32. Medium Blue
33. Deep Amber
34. Golden Amber
35. Deep Golden Amber
36. Pale Lavender
38. Pale Green
39. Primary Green
40. Pale Blue
41. Bright Blue
42. Pale Violet
43. Pale Navy Blue
46. Daylight
48. Chrome Yellow
47. Apricot
48. Bright Rose
49. Canary
50. Pale Yellow
51. Gold Tint
52. Pale Gold
53. Pale Salmon
54. Pale Rose
55. Chocolate Tint
58. Pale Chocolate
57. Pink
60. Pale Grey
61. Slate Blue
62. Turquoise
63. Sky Blue
66. Pale Red
67. Steel Tint
68. Gisselle Blue

59. Ariel Blue

A 'Cinemoid' Reference Book can be purchased for 20p. nett, cash with order.
Order code 30 260 01

'CINEMOID' COLOUR FILTERS

PURCHASE PRICES

"The trade mark 'Cinemoid' denotes a particular brand of self-extinguishing acetate sheeting which is made in England specially for use as colour filters and is distributed throughout the world by Rank Strand Electric"

COLOURS 29, 30, 31, 69 ONLY

Sheet 24½×21-in 30 267 0T 35p
Sheet 49×21-in 30 268 05 70p

COLOURS 1-27, 32-68 ONLY

Sheet 28×25-in 30 270 09 52p
Sheet 56×25-in 30 271 04 104p

Postage and packing: Add 30p if order under £5

COLOUR FRAMES AND 'CINEMOID' CUT TO SIZE

Postage and packing: Add 30p if order under £5

	Frames only	'Cinemoid' only
	each	each
11½×11½-in for Patt 60, 243, 253, 293	27 061 0T 43p	31 061 04 20p
18½×18½-in for Patt 49	27 067 02 58p	31 067 07 30p
5½×5½-in for Patt 45 (millboard)	27 076 04 8p	31 076 09 4p
8½×8-in for Patt 137, S, S-/F	27 240 09 20p	31 240 03 8p
4×4-in for Patt 23, 23F, 23W	27 359 0T 20p	31 359 04 3p
6½×6½-in for Patt 123	27 401 04 52p	31 401 09 6p
9½-in dia. for Patt 501 M magazine	27 495 01 £2.20	31 495 06 12p
8½×8½-in for Patt 223, 743, 773, 774	27 632 00 28p	31 632 05 12p
5½×5½-in for Patt 45 (metal)	27 650 04 23p	31 650 09 4p
6½×6½-in for Patt 23N II, 263, 264	27 661 07 22p	31 661 01 6p
17½×12½-in for Patt 23	27 722 08 72p	31 722 02 28p
Curved frame for Patt QGR.4, QGR.2	27 726 0T 75p	31 726 04 21p
7½×7½-in for Patt 763, 764	27 754 00 24p	31 754 05 8p
Set of five cut filters for Patt 23 colour change wheel		31 388 00 30p
Set, as above, for Patt 23N, 123, 263, 264 colour change wheels		31 390 04 35p
Set, as above, for Patt 23 hand-operated colour wheel		31 377 08 30p
<i>'Cinemoid' colour filters Nos. 33, 11, 41, 36, 52, will be supplied</i>		
'Cinemoid' colour filter for GES underwater lampholder		31 474 06 35p

LAMPS

GENERAL LIGHTING SERVICE (G.L.S.)

150 watt clear, single coil, E.S. base, for Patt 137, S, S-/F
200 watt clear, single coil, E.S. base, for Patt 137
300 watt clear, single coil, G.E.S. base, for Patt 60
500 watt clear, single coil, G.E.S. base, for Patt 60
1000 watt clear, single coil, G.E.S. base, for Patt 49

Order Code nett
34 101 04 11p+3p p.t.
34 102 0T 14p+4p p.t.
34 103 05 35p
34 104 00 50p
34 105 06 99p

INTERNALLY SILICA COATED LAMPS

40 watt opal, B.C. base only, for Patt JF/3
60 watt opal, B.C. base only, for Patt JF/3
1000 watt opal, G.E.S. base, for Patt 149TV

nett
34 106 01 10p+2p p.t.
34 107 0T 10p+2p p.t.
34 108 02 £2.00

PROJECTION LAMPS Specify 220 volt or 240 volt.

250 watt Class T/3, P.28 base, for any Patt 23, 45, 123
250 watt †Class B1/7, P.28 base, for any Patt 23, 45, 123
500 watt Class T/1, P.28 base, for any Patt 23, 45, 123
500 watt †Class T/7, P.28 base, for any Patt 23, 45, 123
1000 watt Class T/4, P.28 base up, for any Patt 263, 264
1000 watt Class T/6, P.28 base, for any Patt 223
1000 watt Class T/2, P.40 base, for Patt 243 (not -BP, -TV)
1000 watt Class A1/188, P.40 base, for Patt 252, 293
2000 watt Class A1/218, P.40 base, for Patt 252, 253, 293
2000 watt Class CP/12, Bi38 base, for Patt 243BP, 243TV
4000 watt 4M/T32 110 volt only, Bi38 base, for Patt 752

£ nett
34 109 08 1.73+42p p.t.
34 110 06 1.91+47p p.t.
34 111 1T 2.46
34 112 15 3.31
34 114 16 4.66
34 115 11 5.27
34 122 04 3.11
34 118 0T 3.18
34 119 13 8.47
34 120 11 7.65
34 121 09 25.20

†Lamps for extended (800 hour) objective life with consequential reduced light output.

TUNGSTEN HALOGEN LAMPS

100 watt 12v Class M/28 pin base for Minispots
260 watt 24v Class A1/223 pin base for any Patt 202
250 watt 24v Class M/33 as above, but extended life
625 watt Class P2/10, R7S caps, 200 hour for Patt QGR.4
750 watt Class K/3, R7S caps, 2000 hour, for Patt QGR.4
1000 watt Class T/9 GX9.5 base, 400 hour, for Patt 743, 750, 763/4, 773/4
1000 watt Class CP/24, GX9.5 base, 150 hour, for Patt 743, 760, 763/4, 774
2000 watt Class CP/41, Bi38 base, 200 hour, for Patt 243BP, 243TV
2000 watt Class CP/23, P.40 base, 100 hour, for Patt 252, 253, 293

nett
34 017 18 1.61+38p p.t.
34 201 09 2.08+51p p.t.
34 202 04 2.31+55p p.t.
34 203 07 5.20
34 204 05 4.22
34 206 06 7.61
34 214 02 13.02
34 207 01 15.48
34 208 07 11.55

SPECIAL-PURPOSE LAMPS

40 watt 4-ft U.V. tube, Bi-pin caps, for 379
125 watt U.V. bulb, 3-pin B.C. base, for Patt 230
400 watt Compact source mercury halide (CSI) lamp, for Patt 265
600 watt Internally silvered reflector, G.E.S. base, for 479
1000 watt Compact source mercury halide (CSI) lamp, for Patt 765
1000 watt Class FL/2, G.E.S. base, for 342

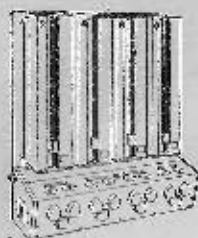
nett
34 209 02 7.04
34 210 00 3.78
34 212 01 7.26
34 113 10 5.77
34 213 07 18.64
34 123 18 6.55

LIGHTING CONTROLS

PURCHASE

PRICES

Order Code £



Junior 8

JUNIOR 8 200/250 volt AC only, single phase.

Junior 8 Eight 5 amp control channels sharing four 500/1000 watt slider dimmers. Cordless circuit to allow each channel to be switched full-on, off, or on-dimmer and all channels to be faded-in or out simultaneously. Cartridge fuses, 5 amp 3 pin B.S. socket, white plugtop to each channel

Slave 8 As above, but extension unit

Spare 5 amp 3 pin white plugtop for additional circuit

00 618 08	72-00
00 617 03	72-00
00 618 09	0-18



MINI-2 RANGE, 220/250 volt 50Hz, each dimmer pack single phase only.

Lightweight 6x2000 watt maximum Thyristor dimmer packs with twin socket outlets to each dimmer. Mini-desks for 6, 12 or 18 control channels with 2 metre (6½-ft) control cables to plug-in to 1, 2 or 3 dimmer packs. For remote operation the short control cable to each dimmer pack can be extended by a 10 metre (33-ft) or 30 metre (98-ft) extension cable which is complete with mating plug and socket.

6-channel, 6-lever shallow desk (requires one 6x2kW dimmer pack)

12-channel, 2-preset shallow desk (requires two 6x2kW dimmer packs)

18-channel, 2-preset shallow desk (requires three 6x2kW dimmer packs)

04 736 02	17-00
04 737 08	66-00
04 738 03	89-00

Dimmer Pack for 220/250v 50Hz single phase supply. Six 2kW max. Thyristor dimmers each with shrouded-contact fuse holder and twin 15-amp 3-pin socket outlets.

Dimmer Pack, as above, but with twin 5-amp 3-pin socket outlets.

04 735 07	176-00
04 745 04	178-00

10 metre (33-ft) 6-channel control extension cable, mating plug and socket.

30 metre (98-ft) 6-channel control extension cable, mating plug and socket.

04 739 08	5-40
04 753 00	11-50

Auto Pak, self-contained dimmer pack providing automatic 3-colour cycle or manual control of three Mini-2 2kW. Thyristor dimmers each with twin 15-amp 3-pin socket outlets. Cycle time, overlap and low-limit variable.

Auto Desk, plug-in desk providing the above facilities, for use with any Mini-2 6x2kW. dimmer pack.

04 762 02	200-00
04 761 07	100-00

Sound Pak, self-contained dimmer pack providing frequency-selective sound/light conversion or manual control of three Mini-2 2kW. Thyristor dimmers each with twin 15-amp 3-pin socket outlets. Sensitivity, low-limit and response rate variable.

Audio Desk, plug-in desk providing the above facilities, for use with any Mini-2 6x2kW. dimmer pack.

04 767 0T	198-00
04 766 02	98-00



Ref. 737 Mini-2 2-preset desk with two, Ref. 735 6-dimmer packs

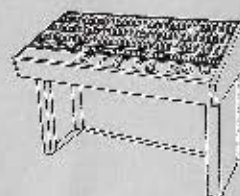
REMOTE LIGHTING CONTROLS



Type JP.20 Remote control

All the control systems listed below incorporate our type JTM dimmers in standard racks housing twenty, or ten, 2kW. max. 200/250v 50Hz dimmer modules. Variations available include superior filtering for television applications and 5kW. max. dimmers. Prices for the 110/120v 60Hz range, for plug-in dimmer modules and for all dimmer memory systems are subject to quotation. The phase to neutral voltage should be stated at time of order.

The prices for the control systems shown below are intended for budgeting use only. We are always pleased to offer individual specific quotations.



Type SP.60 Remote control

System JP, 2-preset desk, reversible for table or wall-mounting, complete with 2kW. max. JTM dimmers.

System JP, 3-preset near-vertical wing unit, complete with 2kW. max. JTM dimmers.

System SP, 2-preset, 2 group desk, reversible for table or wall-mounting, complete with 2kW. max. JTM dimmers.

System SP, 3-preset, 2 group free-standing low-back desk, with lever grouping switches, complete with 2kW. max. JTM dimmers.

System 'Thraeset', 3-preset, 3 groups to each preset by lever switches. Desk and shaped wing. Complete with 2kW. max. JTM dimmers.

System 'Lightset', 3-preset, 2 group with transfer facilities to each preset. Selection and indication by luminous dimmer levers. Low-back desk for 40, 60, 80 channels; wing and desk for larger. Complete with 2kW. max. JTM dimmers.

		Budget
Type JP.20/2	20-channel	£915
Type JP.30/2	30-channel	£1,450
Type JP.40/3	40-channel	£1,975
Type SP.20/2	20-channel	£1,015
Type SP.30/2	30-channel	£1,500
Type SP.40/2	40-channel	£1,850
Type SP.40/3	40-channel	£2,400
Type SP.60/3	60-channel	£3,300
Type SP.80/3	80-channel	£4,300
Thraeset 60	60-channel	£4,500
Thraeset 80	80-channel	£5,500
Thraeset 100	100-channel	£8,400
Thraeset 120	120-channel	£7,300
Lightset 40	40-channel	£3,900
Lightset 60	60-channel	£5,300
Lightset 80	80-channel	£7,900
Lightset 100	100-channel	£9,300
Lightset 120	120-channel	£11,100
Lightset 140	140-channel	£12,800



Type JTM Dimmer rack

THYRISTOR UNIT DIMMERS

200/250 volt AC only.

Constant-rated variable-load Thyristor dimmers with substantial filter. Ratings are for tungsten filament lamps. A single load circuit, to be controlled by a dimmer lever, requires a Type TU. Two or more load circuits, to be controlled either collectively or individually by dimmer levers, require one Type MTU dimmer and Type TU for the remaining circuits. For Up, Down, or to Preset intensity control from parallel-connected push-button sets one Type PTU dimmer is required and Type TU for the remaining circuits.

Type	Watt max.	Order Code	£
Type TU.50	5000-watt max.	01 00 504	55-00
Type TU.20	2000-watt max.	01 00 208	40-00
Type MTU.50	5000-watt max.	01 01 501	56-00
Type MTU.20	2000-watt max.	01 01 205	41-00
Type PTU.50	5000-watt max.	01 02 509	71-00
Type PTU.20	2000-watt max.	01 02 202	56-00
1-lever control box with terminals		05 00 116	9-00
2-lever control box with terminals		05 00 124	9-60
4-lever control box with terminals		05 00 140	13-00
6-lever control box with terminals		05 00 167	16-20
8-lever control box with terminals		05 00 183	19-60
10-lever control box with terminals		05 00 203	21-40

For colour cycle dimmers see Mini-2 Auto range page 7

SLIDER DIMMERS 200/250v AC only. Graduated resistance windings. With scale, internal terminals and conduit/cable entry at base.

	Order Code	£
500/1000 watt	000 548 8	10-10
600/1200 watt	000 547 6	10-10
1000/2000 watt	000 548 4	20-00
500/1000 watt, top exit cord	000 556 3	10-10

ORCHESTRA LIGHTS

The orchestra stand is adjustable in height and has a lighting fitting with a B.C. lampholder and an adjustable spread shade. Supplied unwired.

Orchestra Stand	26 117 04	12-60
Lighting Fitting only	26 118 0T	4-40

EXIT BOXES

5-in high EXIT characters (to B.S.2560). Complete with one B.C. and one E.S. porcelain lampholder, for primary and secondary lighting, opal diffuser and provision for 'Cinemoid' colour filter.

Surface mounting, EXIT	23 500 08	5-90
Surface, but with opal base	23 514 07	6-60
Flush mounting, EXIT	23 515 02	6-60
Surface, EMERGENCY EXIT	23 500 16	6-90
Surface, EMERGENCY EXIT		
opal base	23 514 15	7-60
Flush, EMERGENCY EXIT	23 515 10	7-80

UNDERWATER LIGHTING

GES underwater lampholder for 500 watt internally silvered lamp with 5½-in long ⅜-in dia. spigot	Order Code	£
Colour filter holder assembly for above	23 479 03	6-30
Cinemoid colour filter cone for above	23 476 07	1-20
	31 474 06	0-36

SPARE LAMPHOLDERS

porcelain bodies

Bayonet Cap (B.22), recessed type, for Patt JF/3	27 490 04	0-30
Edison Screw (E.27), recessed type, for Patt JF/3, 137, S, S-/F	27 491 0T	0-35
E.S. as above but American shell	27 523 04	0-35
Goliath Edison Screw (E.40) for Patt 49, 60, 543, 560	27 492 05	0-60
G.E.S. as above but American shell	27 513 07	0-60
Medium Prefocus (P.28), for any Patt 23, 45, 123, 223, 263, 264	27 493 00	0-60
Large Prefocus (P.40) for Patt 93, 243, 253, 293	27 494 06	1-40
Bi-post (BI 38) with lever lock, for Patt 243BP, 243TV, 162, 762	27 488 08	1-00
Medium Bi-post (G.22) lampholder, for Patt 766	27 668 05	4-90
GX9-5 lampholder with heat-sink, for Patt 743, 760, 763/4, 773/4	27 734 06	4-00

SPARE LENSES

6×9-in PC lens for Patt 23N	27 304 06	3-70
6×8-in PC lens for Patt 263W and 264	27 306 07	4-10
3½×5-in PC lens for Patt 23, 23W, 52, 523, 523W	27 310 01	1-40
10-in dia. Fresnel lens for Patt 143, 243, 243BP, 543	27 317 0T	3-70
As above, but coloured, for Patt 243/C	27 317 18	4-70
8×13-in PC lens for Patt 93, 253	27 369 07	9-50
4½-in dia. Fresnel lens for Patt 45	27 409 08	1-00
10×20-in PC lens for Patt 93N, 293	27 492 08	23-60
6-in dia. Fresnel lens (wide) for Patt 123	27 503 0T	1-60
As above, but coloured for Patt 123/C	27 503 18	2-40
6×8-in coloured Fresnel lens for Patt 263, 763F	27 823 09	2-00
8-in dia. Fresnel lens for Patt 223, 223TV Polyester, 743	27 634 01	2-80
As above, but coloured for Patt 223/C, 743/C	27 834 1T	3-70
3½×9-in PC lens for Patt 263W, 264W	27 644 09	1-60
8×12-in PC lens for Patt 763W, 764W	27 698 07	5-30
10×40-in PC lens for Patt 765	27 699 02	29-00
8×26-in PC lens for Patt 773, 774	27 704 04	12-00
6×18-in PC lens for Patt 501, 763, 764	27 766 05	7-00

Prices apply in U.K. only and are subject to the Company's TERMS AND CONDITIONS OF BUSINESS obtainable on request

HIRE CHARGES

AUGUST 1972

Any transaction made is subject to our current printed **TERMS AND CONDITIONS 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, irrespective of whether the goods are in use or not.

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 8-12 Dolland Street, SE11 5LW (at rear 250 Kennington Lane—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.



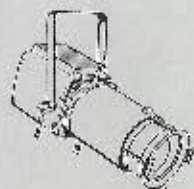
Patt 23 250/500 watt

PROFILE SPOTS

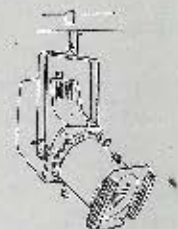
These project a hard-edge beam of any profile determined by the shape of the aperture at the gate between the reflector system and the lens.

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, 265, 501, 765.

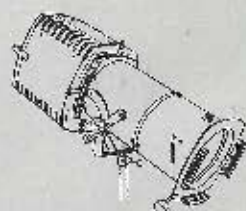
State voltage of supply, lamp wattage, and whether clamp or stand is required.



Patt 764 1000 watt tungsten halogen



Patt 263 1000 watt



Patt 293 2000 watt

	£
Patt 23 250/500 Watt, 20° beam angle, with adjustable mask or iris diaphragm	1-10
Patt 23W 250/500 Watt, 38° beam angle, otherwise as Patt 23	1-10
Patt 23/S 250/500 Watt, 20° beam angle, with four built-in beam-shaping shutters	1-10
Diffuser glass in frame for Patt 23, 23/S, 23W	0-10
Patt 23N 250/500 Watt, 11° beam angle, otherwise as Patt 23	1-25
Patt 763 1000 Watt tungsten halogen, 20° beam angle, with four built-in beam shaping shutters	3-00
Patt 764 1000 Watt tungsten halogen, 20° beam angle, with four soft-edged and four hard-edged beam shaping shutters	3-00
Patt 263 1000 Watt, 20° beam angle, with four built-in beam shaping shutters and, if required, iris diaphragm	2-20
Patt 264 1000 Watt, 17° beam angle, with four soft-edged and four hard-edged shutters and, if required, iris diaphragm	2-20
Patt 264W 1000 Watt, 26° beam angle, otherwise as Patt 264	2-20
Patt 93 1000 Watt, 15° beam angle, with built-in iris diaphragm, adjustable mask, rear handle and six colour frames	3-50
Patt 93N 1000 Watt, 3° beam angle, otherwise as Patt 93	3-50
Patt 263 2000 Watt, 24° beam angle, with 4 built-in beam shaping shutters and built-in iris diaphragm	7-25
Patt 293 1000/2000 Watt, 15° beam angle, with built-in iris diaphragm and black-out disc, four built-in shutters, front and rear handles, 6 colour frames.	
With 1000-Watt projector lamp	4-65
With 2000-Watt projector lamp	7-25
Patt 265 400 Watt CSI, 18.5° beam angle, with built-in iris diaphragm and strip shutters, external EHT starter and regulation unit and braced stand	10-50
Patt 765 1000 Watt CSI, 14° beam angle, with built-in iris diaphragm, horizontal and vertical strip shutters, internal EHT starter unit, external regulation unit, with special tripod stand but excluding 1000 watt Compact Source Mercury Halide lamp which must be purchased (see page 6).	15-00
Patt 501 Sunspot Arc, 15° beam angle, with necessary inductor heavy stand, built-in iris and shutters, 5-colour magazine and 1 pair carbons	27-50
Colour Wheel, hand-operated, for Patt 23, 53, 93 or 501 (state which)	0-60
Colour Wheel AC motor-driven, for Patt 23, 23N, 53, 123, 263, 264 (state which)	1-50
Colour Change Wheel AC motor-driven with 6-position remote control box and 100-ft cable, for Patt 23, 23N, 123, 263, 264 (state which)	2-75

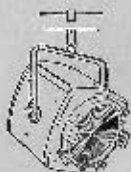
Note: Colour wheels are fitted with 'Cinemoil' Nos. 6, 41, 7, 22, 4



Patt 4E 250/500 watt



Patt 123 250/500 watt

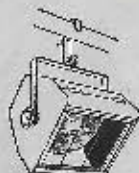


Patt 743 1000 watt tungsten halogen

Patt 223 1000 watt



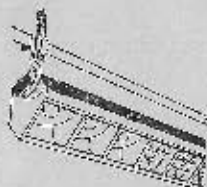
Patt 243 1000 watt



Patt 137 100/200 watt



Patt 49 1000 watt



S type Batten

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 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.

	£
Patt 4E 250/500 Watt, 4½-in dia. lens, 14°/45° beam spread	0-80
Patt 123 250/500 Watt, 6-in dia. lens, 16°/43° beam spread	1-10
Four-door rotatable barndoor attachment for Patt 123	0-10
Patt 743 1000 Watt tungsten halogen, 8-in dia. lens, 15°/82° beam spread	2-50
Patt 223 1000 Watt, 8-in dia. lens, 16°/82° beam spread, T/6 lamp	2-50
Four-door rotatable barndoor attachment for Patt 743 or 223	0-25
Patt 243 1000 Watt, 10-in dia. lens, 16°/50° beam spread	1-90
Patt 243 BP 2000 Watt, 10-in dia. lens, 16°/50° beam spread	3-75
Four-door rotatable barndoor attachment for Patt 243, 243BP	0-25

BEAMLIGHT

Patt 750 1000 Watt tungsten halogen, 10-in dia. reflector, 9°/18° beam	3-60
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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	0-55
Masking Hood attachment for Patt 137	0-10
Patt 60, 500 Watt, 90° beam spread, with three colour frames and barrel clamp or telescopic stand (if required)	1-00
Patt 49, 1000 Watt, 120° beam spread, with three frames and telescopic stand or barrel clamp (if required)	1-15
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	1-60
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	1-60

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.

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

	£
Patt 202/K 250 Watt 24v Kaleidospot, with built-in transformer, motor drive, colour disc, pattern glass and two simple objective lenses. Supplied with plug connectors, barrel clamp or telescope stand (if required) and Class A1/223 projector lamp	2-00
Patt 202/SC, similar to Patt 202/K, but with Storm Cloud disc	2-00
Patt 202/FC, similar to Patt 202/K, but with Fleecy Cloud disc	2-00
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	1-50
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	4-85
With 2000-Watt projector lamp	7-25
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)	0-75
Rainbow Slide, for use with slide carrier	0-50

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 (see page 6)

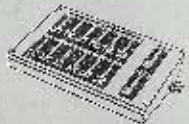
15-00



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).



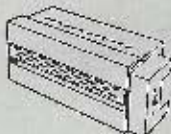
Junior 8



12-channel, 2-preset Mini-2 desk and two 5-dimmer packs



Post 152 4000 watt



Tubular Ripple

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, Psychedelic Effects, Kaleidosphere Effect with multigroove box and set of glasses, otherwise as above
Forked Lightning, for use as above, hand-operated, with lens 1-05
Eddiscope Effect, AC motor-driven, for Patt 23, 23W 1-75
Flame Flicker, AC motor-driven, for Patt 123, 223, 23 (state which) 1-05
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) 2-10
Lightning Flash, with photo-flood lamp, 30-ft cable and push-button switch 0-65
10 watt 'Freezelite' Strobe, self-contained 4-00
40 watt 'Super Freezelite' Strobe, self-contained 6-00
Patt 201 U.V. Flood, AC only, with choke, 30-ft cable with plug connectors and 125 Watt Black Light lamp 1-35
Patt 30C U.V. Flood, AC only, complete as above 1-60
Smoke Box, with 30-ft cable and plug connectors, excluding powder 0-75
Flash Box, with 30-ft cable and plug connectors, exclusive of powder 1-10
Bomb Tank 1 and 2 way with 30-ft cable, plug, switch and fuseboard, exclusive of maroons 1-50
3 and 4 way, as above 2-00
Dry Ice Machine, 3000-watt element, with 30-ft cable, exclusive of dry ice which must be obtained locally 3-75

HIRE CHARGES

£
2-25
3-20
1-05
1-75
1-05

2-10
0-65
4-00
6-00

1-35
1-60
0-75
1-10

1-50
2-00
3-75

LIGHTING CONTROLS

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 2-25

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 2-25

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 3-00

Slider Dimmerboards, On/Off switch, fuse and 300, 500 or 1000-watt slider dimmer per dimmer 0-50

Mini-2 Thyristor Lighting Control, 220/250v 50Hz, each dimmer pack single phase only

Desk with 33-ft control cable to plug-in to one or more lightweight dimmer packs each with 6 x 2000 watt maximum Thyristor dimmers

Twin 15 amp 3-pin socket outlets to each dimmer

6-channel, 8-lever desk, 33-ft control cable and one 6 x 2kW dimmer pack 7-00

12-channel, 2-preset desk, 33-ft control cables and two 6 x 2kW dimmer packs 14-00

18-channel, 2-preset desk, 33-ft control cables and three 6 x 2kW dimmer packs 21-00

10 metre (33-ft) 6-channel control extension with mating plug and socket 0-25

30 metre (98-ft) 6-channel control extension with mating plug and socket 0-75

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 15-00

J.P. 20 Thyristor Lighting Control 20 channel, 2-preset desk, 300-ft control cable and 20 x 2000 watt variable load Thyristor dimmers in one rack 30-00

As above but with 20 x 5000-watt Thyristor dimmers 35-00

SP. 20 Thyristor Lighting Control 20 channel 2-preset, 2-group desk, 300-ft. control cable and 20 x 2000 watt variable load Thyristor dimmers in one rack 33-00

As above but with 20 x 5000-watt Thyristor dimmers 38-00

Interlocking Portable Dimmerboards

6 dimmer channels, 500 or 1000-watt dimmers 3-15

6 dimmer channels, 2000-watt dimmers 5-25

8 dimmer channels, 500/1000-watt dimmers, AC only 6-25

8 dimmer channels, 1000/2000-watt dimmers, AC only 8-00

12 dimmer channels, 500 or 1000-watt dimmers 6-25

Slider Dimmers

100, 300, 500 or 1000-watt Slider Dimmer only 0-45

1500-watt Slider Dimmer only 0-70

2000-watt Slider Dimmer only 0-85

3000-watt Slider Dimmer only 1-35

Plugboard, 15 amp plug, switch and fuse board

per way 0-15

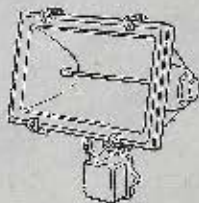


Pat 690 500/1000 watt

CABLES & SUSPENSIONS

HIRE CHARGES

		£
Main Supply Cable, additional charge over 30-ft. up to 60 amp.	per 10-ft	0.50
	over 60 amp. per 10 ft	0.75
Flexible Cable for lanterns, additional charge over 30-ft. in 10-ft multiples	per 10 ft	0.05
12-way, 28-ft Internally Wired Barrel, with barrel clamps, suspension chain bridles and up to 50-ft multicore cable with plug connectors		2.10
Additional charge if multicore cable over 50-ft	per ft	0.05
Booms, 14-ft to 20-ft, with six arms		0.80



Pat ET. 1500

OUTDOOR FLOOD & SPOTLIGHTING

Available London—not always Manchester or Glasgow

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

		£
Pat 537 150 Watt Flood, 90° beam spread, with colour frame	nett	0.55
Pat 560 500 Watt Flood, 100° beam spread, with colour frame	nett	1.00
Pat 690 500/1000 Watt Flood, circular, 100° beam spread, with colour frame if requested	nett	1.35
Pat ET.1500 1500 Watt Tungsten-Iodine Flood	nett	1.85
Pat 143 1000 Watt Fresnel Spot, 12°/40° beam spread, with colour frame	nett	1.90
3-core flexible cable for above, in 10-ft multiples	per 10 ft	0.05



Mirror Ball

SUNDRIES

Orchestra Stand, with lamp, 15-ft cable and plug		0.35
Conductor's Stand, with lamps, 15-ft cable and plug		1.00
Scroll top lighting unit for existing orchestra stand, with lamp, 15-ft cable and plug		0.20
Plug Boards for orchestra stands	per way	0.05
Mirror Ball, AC motor-driven 12-in diameter		1.35
16-in diameter		1.60



Orchestra Stand

DECORATIVE PROPERTY FITTINGS

Chandeliers, Wall Brackets, candelabra, log and coal fires and telephone handsets are available for hire from our associated company J. M. B. Hire, 52a Goldhawk Road, Shepherds Bush, London W12 8DH where there are extensive showrooms.



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