

LIGHTING FOR ENTERTAINMENT PRICE LIST

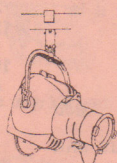
U.K. only, cancelling all previous prices

MAY 1966

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.

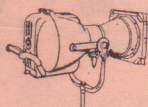
Prices of Profile and Bi-focal spotlights include tilting fork, one frame for colour, 30-in. external length of heat-resisting cable (except Patt 253, 293) but *do not include* lamp, colour filter or suspension clamp.



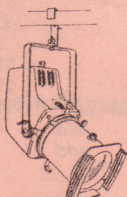
Patt 23 250/500 watt



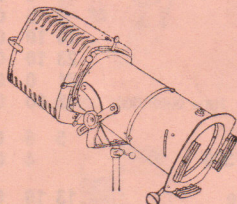
Patt 23/S 250/500 watt



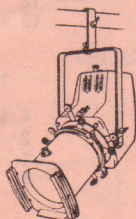
Patt 23N/RH 250/500 watt



Patt 263 1000 watt



Patt 293 1000/2000 watt



Patt 264 1000 watt

Patt 23 250/500 watt, 20° beam angle, with 4 fixed-aperture masks	£	s	d
Patt 23F 250/500 watt, 30° beam angle, otherwise as Patt 23	10	5	0
Patt 23W 250/500 watt, 36° beam angle, otherwise as Patt 23	10	5	0
-/H Handle fitted to Patt 23, 23F, 23W. Add suffix -/H	11	5	0
Ref. 364 Adjustable straight-edge mask for Patt 23, 23F, 23W		add	12 0
Ref. 363 12-leaf iris diaphragm for Patt 23, 23F, 23W			7 0
Ref. 374 Diffuser glass in frame for Patt 23, 23W			1 3 0
Ref. 512 Mica cloud slide for Patt 23, 23F, 23W			8 6
Ref. 362 Spare set of 4 fixed-aperture masks			1 15 0
			4 6

Patt 23/S 250/500 watt, 20° beam angle, with 4 built-in beam shaping shutters and set of 4 circular-aperture masks	11	17	6
Patt 23F/S 250/500 watt, 30° beam angle, otherwise as Patt 23/S	11	17	6
Patt 23W/S 250/500 watt, 36° beam angle, otherwise as Patt 23/S	12	17	6
-/H Handle fitted to Patt 23/S, 23F/S, 23W/S. Add suffix -/H		add	12 0
Ref. 374 Diffuser glass in frame for Patt 23/S, 23W/S			8 6
Ref. 366 Spare set of 4 circular-aperture masks			4 6

Patt 23N 250/500 watt, 11° beam angle, with 4 fixed-aperture masks	14	15	0
Patt 23N/RH 250/500 watt, 11° beam angle, as Patt 23N but rebalanced and fitted with rear handle	15	15	0
Ref. 363 12-leaf iris diaphragm for Patt 23N, 23N/RH			1 3 0
Ref. 364 Adjustable straight-edge mask for Patt 23N, 23N/RH			7 0
Patt 23N/S 250/500 watt, 11° beam angle, with 4 built-in shutters	16	7	6
Ref. 375 Diffuser glass in frame for Patt 23N, 23N/RH, 23N/S			10 0

Patt 263 1000 watt, 20° beam angle, with 4 built-in beam-shaping shutters and gate runners	22	10	0
Patt 263W 1000 watt, 26° beam angle, otherwise as Patt 263	25	0	0
-/H Handle fitted to Patt 263, 263W. Add suffix -/H		add	12 6
Ref. 625 12-leaf iris diaphragm for Patt 263, 263W			2 0 0

Patt 253 2000 watt, 24° beam angle, with 4 built-in beam shaping shutters, built-in 18-leaf iris diaphragm and internal terminal block	58	0	0
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Patt 293 1000/2000 watt, 15° beam angle, with built-in 18-leaf iris diaphragm and black out disc, 4 built-in shutters, front and rear handles, spigot for stand and internal terminal block	69	0	0
Ref. 636 Hand-operated magazine for 4 colours for Patt 293, 253	13	5	0

Patt 501M Sunspot Mirror Arc. 15° beam angle, with automatic AC arc feed, iris diaphragm which can be coupled to reflector, vertical and horizontal masking shutters which can be rotated around axis of beam, finger-tip operated magazine for 5 colours and special heavy stand	715	0	0
Ref. 289 Inductor unit for Patt 501M. 200/250V AC input	155	0	0
Ref. 406 AC Carbon economisers for Patt 501M			1 0 0
Ref. 408 Spare dowser plate for Patt 501M			6 0
9mm x 12-in H.I. Alternalex carbons for Patt 501M, per 100		nett	12 5 0

BI-FOCAL SPOTS

Patt 264 1000 watt, 17° beam angle, with four hard-edge and four soft-edge beams-haping shutters, and gate runners	27	0	0
Patt 264W 1000 watt, 26° beam angle, otherwise as Patt 264	28	0	0
-/H Handle fitted to Patt 264, 264W. Add suffix -/H		add	12 6
Ref. 625 12-leaf iris diaphragm for Patt 264, 264W			2 0 0

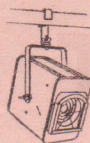
VARIATIONS

Available at time of manufacture if specified			
6-ft cable , instead of standard 30-in, for any Patt 23 model		add	3 0
6-ft cable , instead of standard 30-in, for any Patt 263, 264 model		add	13 0
6-ft cable , fitted to Patt 253 or 293		add	1 2 6
Tilt and Swivel Indication fitted to any Patt 23, 263, 264 model		add	13 6

FRESNEL SPOTS

These provide a soft-edged circular beam which is variable in spread from an intense near-parallel beam to a medium angle flood. The larger the lens diameter the greater is the efficiency.

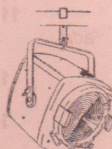
Prices of Fresnel spotlights include tilting fork, one frame for colour, 30-in external length of heat-resisting cable (except Polestar models) but *do not include* lamp, colour filter or suspension clamp.



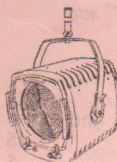
Patt 45 250/500 watt



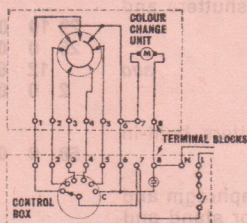
Patt 123 250/500 watt



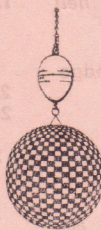
Patt 223 1000 watt



Patt 243BP 2000 watt



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.



Ref. 107 Mirror Ball with Ref. 110 Rotator

Patt 45 250/500 watt, 4½-in dia. lens, 14°/45° beam spread, slide focus	£ s d
	5 5 0
Patt 123 250/500 watt, 6-in dia. lens, 16°/43° beam spread, slide focus	10 2 6
Patt 123W 250/500 watt, 6-in dia. lens, 26°/51° beam spread, slide focus	10 2 6
-/LS Lead-screw focus fitted to Patt 123, 123W. Add suffix -/LS	add 1 5 0
-/C Coloured lens to Patt 123, 123W. Add suffix -/C	add 7 6
Ref. 132 4 door rotatable barndoor attachment for Patt 123	1 13 0
Ref. 131 Superior barndoor attachment for Patt 123W, 123	3 17 0
Ref. 640 Flame Flicker AC motor driven effect for Patt 123, 123W	18 10 0
Patt 223 1000 watt, 8-in dia. lens, 15°/82° beam spread, lead screw focus	16 0 0
Ref. 633 4-door rotatable barndoor attachment for Patt 223	4 5 0
-/C Coloured lens to Patt 223. Add suffix -/C	add 7 6
Patt 243 1000 watt, 10-in dia. lens, 16°/50° beam spread, lead screw focus and large pefocus lampholder	22 17 6
Patt 243BP 2000 watt, 10-in dia. lens, 16°/50° beam spread, lead screw focus and Bipost lampholder	22 17 6
-/C Coloured lens to Patt 243, 243BP. Add suffix -/C	add 7 6
Ref. 133 4-door rotatable barndoor attachment for Patt 243, 243BP	5 0 0
Patt 223TV Polestar 1000 watt, 8-in dia. lens, 15°/82° beam spread, arranged for pole-operation of pan, tilt and focus (hook coupling unless bayonet specified) With lens guard, TV spigot and internal terminal block	36 15 0
Patt 243TV Polestar 2000 watt, 10-in dia. lens, 20°/55° beam spread, otherwise as Patt 223TV Polestar above	43 10 0
Ref. 633 4-door rotatable barndoor attachment for Patt 223TV Polestar	4 5 0
Ref. 133 4-door rotatable barndoor attachment for Patt 243TV Polestar	5 0 0
Ref. 590 8-ft pole for Polestar units (hook coupling unless bayonet specified)	6 0 0
Ref. 591 4-ft extension pole for Ref. 590	3 17 6

VARIATIONS Available at time of manufacture if specified.

6-ft cable , instead of standard 30-in, for Patt 45 or 123 models	add 3 0
6-ft cable , instead of standard 30-in, for Patt 223, 243, 243BP	add 11 0
25-ft 3 core flexible cable fitted to Polestar units	add 1 2 6
Tilt and Swivel Indication fitted to any Patt 123 or Patt 223	add 13 6

SPOTLIGHT ACCESSORIES

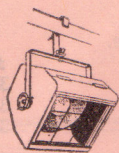
For convenience beam-shaping accessories are listed with spotlights.

Ref. 382 Colour change wheel, AC motor drive, for Patt 23, 23F, 23W	£ s d
	9 15 0
Ref. 400 Colour change wheel, AC motor drive, for Patt 23N/RH	11 10 0
Ref. 410 Colour change wheel, AC motor drive, for Patt 123, 123W	11 10 0
Ref. 622 Colour change wheel, AC motor drive, for Patt 263, 263W, 264, 264W	11 10 0
-/S Slow 1 r.p.m. motor instead of 4 r.p.m. Add suffix -/S	add 5 0
-/LV 110/120V AC motor instead of 200/250V AC. Add suffix -/LV	add 18 0
Ref. 388 Set of five Cinemoid colours (Nos. 33, 11, 41, 36, 52) for Ref. 382	4 0 0
Ref. 390 Set of five Cinemoid colours, as above, for Ref. 400, 410, 622	5 0 0
Ref. 383 1-unit control box for five position or continuous control of one colour change wheel, with cartridge fuse	4 8 0
Ref. 384 2-unit control box, otherwise as ref. 383	7 5 0
Ref. 385 4-unit control box, otherwise as ref. 383, with master switch	14 10 0
Ref. 389 6-unit control box, otherwise as ref. 385	23 10 0
Ref. 386 8-unit control box, otherwise as ref. 385	31 0 0
Ref. 387 12-unit control box, otherwise as ref. 385	42 10 0
Ref. 376 Hand operated colour wheel for Patt 23, 23F, 23W	5 6 0
Ref. 377 Set of five Cinemoid colours (Nos. 33, 11, 41, 36, 52) for ref. 376	4 0 0
Ref. 107 Mirror Ball, 12-in dia. with alternate coloured mosaic surface	13 10 0
Ref. 108 Mirror Ball, 16-in dia. otherwise as ref. 107	17 17 6
Ref. 651 Mirror Ball, 24-in dia. otherwise as ref. 107	40 0 0
Ref. 110 Rotator, 200/250V AC motor drive, for ref. 107, 108, 651	12 0 0
Ref. 111 Rotator, 110/120V AC motor drive, for ref. 107, 108, 651	12 15 0
Ref. 652 Set of parts to add tilt and swivel indication to any Patt 23, 123, 223, 263 and 264 model	10 0 0
Ref. 355 Narrow angle lens front to convert Patt 23, 23F, 23W to Patt 23N	6 12 6
Ref. 356 Standard lens front to convert Patt 23N to Patt 23	2 2 6
Ref. 310 3½ × 5 PC lens (additional) to convert Patt 23 to Patt 23W	1 0 0
Ref. 411 3½-in dia. Fresnel lens to convert Patt 23, 23W to Patt 23F	1 0 0
Ref. 644 3½ × 9 PC lens (additional) to convert Patt 264 to Patt 264W	1 1 0
Ref. 636 Hand-operated magazine for four colours for Patt 293, 253	13 5 0

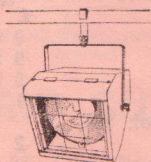
FLOODLIGHTS

These all provide a fixed, wide angle beam spread.

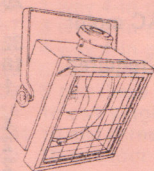
Prices of individual Floodlights include tilting fork, one frame for colour (except Patt 149TV, 149), 30-in external length of heat-resisting cable but *do not include* lamp, colour filter, or suspension clamp.



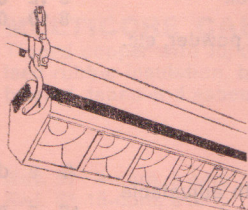
Patt 137 100/150/200 watt Flood



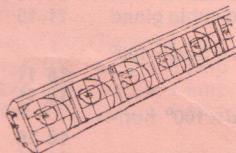
Patt 60 300/500 watt Flood



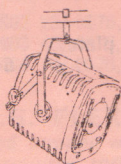
Patt 49 1000 watt Flood



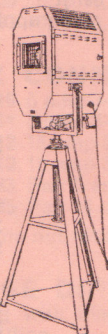
Patt S/63 Batten



Patt S/63/F Footlight



Patt 252 1000/2000 watt



Patt 152 4000 watt

	£	s	d
Patt 137 100/150/200 watt Flood, 105° beam spread	3	12	6
Ref. 245 Masking Hood for Patt 137		8	6
Patt 60 300/500 watt Flood, 90° beam spread	6	17	6
Patt 49 1000 watt Flood, 120° beam spread	16	0	0
Patt 149TV 1000 watt Scoop, 120° beam spread, with wire guard and TV spigot	9	10	0
Patt 149 1000 watt Scoop, 120° beam spread	8	10	0

BATTEN/BORDERLIGHT

Prices of each length includes 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. SP Batten is designed for PAR-38 lamps. One set of colour frames are included but prices *do not include* colour filters or lamps.

	£	s	d
Patt S/63 6-ft Batten, 8×150 watt reflectors on 3 circuits	17	0	0
Patt S/64 6-ft Batten, 8×150 watt reflectors on 4 circuits	17	0	0
Patt S/34 3-ft Batten, 4×150 watt reflectors on 4 circuits	11	0	0
Patt SP/63 6-ft Batten, 8×150 watt lampholders on 3 circuits	14	15	0
Patt SP/64 6-ft Batten, 8×150 watt lampholders on 4 circuits	14	15	0
Patt SP/34 3-ft Batten, 4×150 watt lampholders on 4 circuits	10	0	0
Ref. 620 Pair of floor brackets for groundrow	2	0	0
Ref. 621 Set of four castors for ref. 620 above	1	8	0
Ref. 519 Cable grip for multicore cable up to ¾-in diameter	11	0	

FOOTLIGHTS

Prices of Patt S-/F Footlight include terminal blocks at each end of the wiring trough, short interconnecting cables, and set of colour frames. Patt 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.

	£	s	d
Patt S/63/F 6-ft Footlight, 8×150 watt reflectors or 3 circuits	16	6	0
Patt S/64/F 6-ft Footlight, 8×150 watt reflectors on 4 circuits	16	6	0
Patt S/34/F 3-ft Footlight, 8×150 watt reflectors on 4 circuits	10	6	0
Ref. 620 Pair of floor brackets for adjustable tilt groundrow	2	0	0
Ref. 621 Set of four castors for ref. 620 above	1	8	0
Ref. 519 Cable grip for multicore cable up to ¾-in diameter	11	0	
Patt JF/3 3-ft Footlight, 4×40/60 watt BC lampholders on 1 circuit	4	12	6
Patt JF/3E 3-ft Footlight, 4×40/60 watt ES lampholders on 1 circuit	4	17	6
Ref. 250 Spare colour filter clips for Patt JF/3, JF/3E		3	9
Ref. 254 Spare mounting plate with wing screw for Patt JF/3		1	6

per doz

VARIATIONS Available at time of manufacture if specified.
6-ft cable, instead of standard 30-in, for Patt 137, 60

add 3 0

EFFECTS SPOTS & ACCESSORIES

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. An alternative method, on the shadowgraph principle, is provided by the Patt 223/L Linnebach which uses a large do-it-yourself slide separate from the light source.

	£	s	d
Patt 223/L Linnebach, 1000 watt, with shaping shutters	17	10	0
Patt 252 1000/2000 watt, 6-in dia. 3-element condenser lens	57	0	0
Patt 152 4000 watt, 110 volt, 6-in dia. 4-element condenser lens, Bipost lamp-holder, silent internal fan, anti-surge limiter, and special braced stand	270	0	0
Patt 152/H 4000 watt, 110 volt, as Patt 152 but with hanging bracket	270	0	0
Ref. 522 Transformer, 220/250V input, 4kVA at 110V output	63	0	0
Ref. 262 Special stand for Patt. 152/H (in addition to hanging bracket)	39	0	0
Ref. 511 Special hanging bracket for Patt 152 (in addition to stand)	39	0	0

SLIDE PROJECTION ATTACHMENTS

Ref. 516 Remote controlled slide change unit for six 3¼×4-in slides with turntable front and mount for ref. 393 objective lens	120	0	0
Ref. 649 Adaptor for ref. 391 objective lens	4	0	0
Ref. 648 Control box for ref. 516	6	2	0
Ref. 154 Turntable front only for ref. 155 or 156 slide carrier	6	5	0
Ref. 155 Metal slide carrier for two 3¼-in square slides	3	10	0
Ref. 156 Metal slide carrier for two 3¼×4-in or 3¼-in square slides	6	0	0

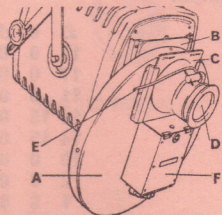
HIGH DEFINITION OBJECTIVE LENSES

Ref. 391 4-in, focus f1.8. Dallmeyer, micrometer focussing	nett	56	0	0
Ref. 392 Lens backplate for ref. 391		3	8	6
Ref. 393 6-in, focus f1.8. Dallmeyer, micrometer focussing	nett	93	10	0
Ref. 394 Lens backplate for ref. 393		3	8	6

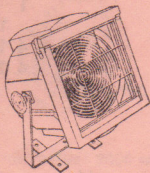
MOVING EFFECTS ATTACHMENTS

Disc Type 18½-in dia. AC motor drive. Discs only, with break-up glass where necessary, are available without drive and case but are only interchangeable with effects of the same letter reference.

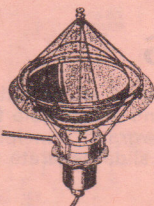
	Complete		Disc only	
	£	s d	£	s d
Ref. 653 Thunder Clouds (A)	36	0 0	9	10 0
Ref. 134 Fleecy Clouds (A)	36	0 0	9	10 0
Ref. 135 Storm Clouds (A)	36	0 0	9	10 0
Ref. 136 Rain (C)	38	10 0	12	10 0
Ref. 137 Snow (B)	36	0 0	9	10 0
Ref. 138 Running Water (B)	46	0 0	20	0 0
Ref. 140 Smoke (B)	43	0 0	16	0 0
Ref. 141 Flames (C)	43	0 0	17	10 0
Ref. 147 Dissolving Colours (B)	43	0 0	17	10 0



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).



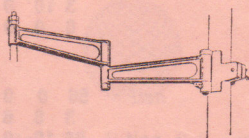
Patt 543 Outdoor Fresnel Spot



Ref. 479 500 watt Underwater lampholder with colour filter assembly



Ref. 483 Hook clamp



Ref. 252 Double-swivel arm boom bracket

Box Type 17½×10½-in AC motor drive.

	£	s	d
Ref. 143 Sea Wave	37	0	0
Ref. 144 Water Ripple	38	10	0
Ref. 145 Under Sea	37	10	0

OBJECTIVE LENSES

commercial quality, slide focussing and with backplate.

	£	s	d
Ref. 151 2½-in focus	9	10	0
Ref. 152 3-in focus	9	10	0
Ref. 153 4-in focus	9	10	0
Ref. 343 Adjustable metal mask	1	5	0
Ref. 346 Beam diverter mirror for ref. 151, 152, 153	2	2	6

MISCELLANEOUS EFFECTS

Ref. 148 Forked Lightning, hand-operated with one slide for use with Effects Spots, objective lens required	20	10	0
Ref. 342 Tubular Ripple, self-contained but excluding 1000 watt lamp, AC motor drive 30×4-ft spread at 6-ft throw	32	10	0
Ref. 640 Flame Flicker AC motor driven, for Patt 123, no objective lens required	18	10	0
Ref. 512 Mica Cloud Slide for Patt 23, 23F, 23W	1	15	0

Patt 230 U.V. Display Flood for 125-watt U.V. black-bulb lamp	4	12	6
Ref. 405 125-watt choke for use with Patt 230 AC only	2	18	6
Ref. 379 4-ft batten type fitting with control gear for U.V. tube	2	17	0
Ref. 379/R 4-ft fitting, as Ref. 379, but with single reflector	3	15	0
See BLACK LIGHT leaflet for details of fluorescent paints and other materials.			

Ref. 165 Smoke box, 750/1000 watt heater element, with terminal block	5	12	6
Ref. 169 Flash box, fitted with 5ft 6-in flexible cable	8	10	0
See PYROTECHNICS leaflet for full details of smoke powders, flash powder, etc.			

OUTDOOR LIGHTING

Prices do not include lamp or, where applicable, colour filter.

	£	s	d
Patt 523 Outdoor Profile Spot, 250/500 watt, 20° beam angle, with adjustable straight-edge mask, colour runners, swivel base and 30-in PVC cable	16	5	0
Patt 523W 30° beam angle, otherwise as Patt 523	17	5	0
Patt 543 Outdoor Fresnel Spot, 1000 watt, 10-in dia. lens, 16°/50° beam spread, lead-screw focus, colour frame and cable gland	31	0	0
Patt 560 Outdoor Flood, 500 watt, 90° beam spread, colour frame and cable gland	11	15	0

TID.1000 Tungsten Iodine Outdoor Flood, 750/1000 watt, 80° vertical×100° horizontal beam spread, with footplate	16	11	0
TIS. 1000. As above, but with 20°×100° beam spread	16	11	0
TID.1500 Tungsten Iodine Outdoor Flood, 1500 watt, 80° vertical×100° horizontal beam spread, with footplate	16	19	6
TIS.1500. As above, but with 20°×100° beam spread	16	19	6

Ref. 479 GES underwater lampholder for 500 watt Altrilux lamp with 6½-in long ⅝-in dia. spigot	3	0	0
Ref. 476 Colour filter holder assembly for ref. 479	17	6	
Ref. 474 Cinemoid colour filter cone for ref. 476	4	6	
Ref. 658 ES underwater lampholder for 150 watt PAR 38 lamp, with base plate and fitted with 18-ft TRS cable	6	19	0
Ref. 659 Colour filter holder assembly for ref. 658	15	0	
Ref. 660 Cinemoid colour filter cone for ref. 659	2	6	

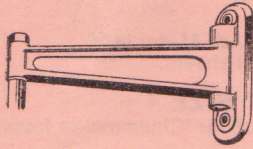
CLAMPS, BRACKETS & STANDS

	£	s	d
Ref. 25 1½-in bore Gas pipe, 1⅝-in external dia. 8, 10, 12 or 14 ft lengths	per ft	3	8
Ref. 655 1½-in bore alloy pipe, 1⅝-in external dia. 8, 10, 12 or 14 ft lengths	on application	13	6
Ref. 629 Clamping plate to join 1⅝-in ext. dia. pipe end-to-end		4	0
Ref. 483 Hook clamp for 1⅝-in ext. dia. pipe		3	6
Ref. 64 Safety chain, 22-in long, with clip hook		11	0
Ref. 592 1½-in dia. TV spigot for Patt 23, 123, 223, 263, 264		11	0
Ref. 593 1½-in dia. TV spigot for Patt 49, 243, 252, 253		3	5
Ref. 594 Hook clamp for TV spigot and 1⅝-in ext. dia. pipe		9	6

Ref. 654 Clamp to join 1⅝-in ext. dia. pipe at right angles	1	3	6
Ref. 631 Bracket for rigid fixing of 1⅝-in ext. dia. pipe to wall	3	10	0
Ref. 251 Swivel arm boom bracket for vertical 1⅝-in dia. pipe	5	0	0
Ref. 252 Double-swivel arm boom bracket, otherwise as ref. 251	15	0	
Ref. 255 Fixed boom bracket for vertical 1⅝-in dia. pipe	2	0	0

Ref. 247 Swivel arm wall bracket	3	7	6
Ref. 248 Double-swivel arm wall bracket	9	0	
Ref. 238 Fixed wall bracket for two small spots, one above one below			

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



Ref. 247 Swivel arm wall bracket

Ref. 486	Adaptor for ref. 247 or 251 to take two small spots side by side	£	s	d
Ref. 195	Spare threaded stem for ref. 247, 248, 251, 252		4	0
Ref. 367	Ceiling plate, or base, for Patt 23, 45, 123, 223, 263, 264		3	3
Ref. 259	Ceiling fixing saddle		9	0
			6	6
Ref. 484	Spigot adaptor, $\frac{3}{8}$ -in thread, for Patt 23, 45, 60, 123, 137, 223, 263, 264		3	9
Ref. 487	Spigot adaptor, $\frac{1}{2}$ -in thread, for Patt 49, 149, 243, 252, 253, 293		3	9
Ref. 626	Telescopic stand, 52-89-in. Will accept ref. 484 or 487 spigot		7	15 0
Ref. 627	Junior telescopic stand, 43-77-in. Will accept ref. 484 only		5	5 0
Ref. 628	Braced telescopic stand, 48-80-in. Will accept ref. 484 or 487		14	15 0
Ref. 630	Set of three castors for ref. 626-628, 656		1	1 0
Ref. 656	Low stand, 8 $\frac{1}{2}$ -in high. Will accept ref. 484 or 487 spigot		3	5 0
Ref. 657	Heavy base plate. Will accept ref. 484 or 487 spigot.		3	1 6

GRID SUSPENSIONS

	£	s	d		£	s	d	
Ref. 26	Chain Bridles	1	13	0	Ref. 31	$\frac{1}{4}$ -in dia. steel cable	100ft	2 8 0
Ref. 27	1 way 6-in grid pulley	1	9	6	Ref. 33	$\frac{1}{4}$ -in bulldog grip		1 0
Ref. 28	2 way 6-in grid pulley	3	2	0	Ref. 35	$\frac{1}{4}$ -in thimbles		7
Ref. 38	4 way 6-in grid pulley	3	17	6	Ref. 32	$\frac{5}{16}$ -in dia. steel cable	100ft	4 0 0
Ref. 56	1 way 4-in grid pulley	1	3	6	Ref. 34	$\frac{5}{16}$ -in bulldog grip		1 3
Ref. 57	3 way 4-in grid pulley	2	9	6	Ref. 36	$\frac{5}{16}$ -in thimbles		9
Ref. 58	4 way 4-in grid pulley	2	19	6	Ref. 37	Swivel shackle		1 5 6
Ref. 29	5 cwt single drum winch	19	10	0	Ref. 59	2-in. dia. sashline pulley		8 0
Ref. 30	5 cwt three drum winch	21	5	0	Ref. 320	Sashline for hoisting cables	100ft	18 0
Ref. 39	10 cwt single drum winch	on application			Ref. 321	Cleat for ref. 320		9 0
Ref. 244	10 cwt three drum winch	on application			Ref. 41	Clip to suspend $1\frac{1}{2}$ -in ext. dia. pipe from		
Ref. 40	10 cwt four drum winch	on application				$2\frac{3}{8}$ -in ext. dia. pipe		1 10 0

CABLES & CONNECTORS

MULTICORE CABLE

Tinned copper wire 70/-0076 with double jacket of vulcanised rubber insulation, taped with numbered tapes, cores twisted, taped and asbestos braided overall.

		1-24 yds per yd	25-49 yds per yd	50 yds and over per yd
Ref. 51	9-core, 8 amp	15/10	14/-	12/8
Ref. 53	15-core, 6 amp	20/10	18/6	16/8
Ref. 55	25-core, 5 amp	31/-	28/-	26/-

CONTROL CABLE

Tinned copper wire 14/-0076, PVC insulated, colour-coded and PVC sheathed

Ref. 608	3-core, 3 amp	1/2	1/-	11d
Ref. 600	7-core, 1 amp	2/4	2/1	1/10
Ref. 601	12-core, 1 amp	3/4	3/-	2/8

P.V.C. FLEXIBLE CORD

Tinned copper wire PVC insulated, 3-core colour-coded red, black and green, made circular with wormings and PVC sheathed.

Ref. 602	23/-0076, 6 amp	1/6	1/4	1/2
Ref. 603	40/-0076, 13 amp	1/9	1/7	1/5
Ref. 604	70/-0076, 18 amp	2/10	2/6	2/3

T.R.S. FLEXIBLE CORD

Tinned copper wire vulcanised rubber insulated, 3-core colour-coded red, black and green, made circular with wormings and tough rubber sheathed.

Ref. 605	23/-0076, 6 amp	1/7	1/5	1/3
Ref. 606	40/-0076, 13 amp	2/2	1/11	1/9
Ref. 607	70/-0076, 18 amp	3/2	2/9	2/6

FLEX CONNECTORS

Ref. 610	5 amp 3-pin rubberclad flex socket	pair	4/9
Ref. 611	5 amp 3-pin rubberclad plugtop		2/6
Ref. 612	15 amp 3-pin rubberclad flex-socket		5/9
Ref. 613	15 amp 3-pin rubberclad plugtop		3/3
Ref. 183	Pair 5 amp 3-pin-in-line connectors*	pair	4/6
Ref. 185	Pair 15 amp 3-pin-in-line connectors*	pair	13/-

*3-in-line not recommended for modern installations.

STAGE DIP TRAPS

Casting with hinged lid provided with cable inlet. For flush fitting.

	£	s	d
Ref. 190	1/2 way Dip Trap only	3	1 0
Ref. 192	3/4 way Dip Trap only	4	12 0

PLUG AND SOCKET BOXES

These are for under Stage Dip Traps, etc., and consist of an angled sheet steel box with removable lid fitted with flush B.S.546 3-pin sockets and supplied with mating rubberclad plugtops.

	£	s	d
Ref. 175	1 way 5 amp	1	15 0
Ref. 176	2 way 5 amp	2	8 0
Ref. 177	3 way 5 amp	2	18 0
Ref. 178	4 way 5 amp	3	16 0
Ref. 179	1 way 15 amp	2	0 0
Ref. 180	2 way 15 amp	2	14 0
Ref. 181	3 way 15 amp	3	6 0
Ref. 182	4 way 15 amp	4	15 0
Ref. 662	10 way 5 amp flat top	21	10 0
Ref. 663	30 way 5 amp flat top	45	0 0

FLY RAIL PLUG AND SOCKET BOXES

Constructed in sheet steel with recessed and numbered socket panel carrying flush BS.546 15 amp 3-pin sockets and supplied with mating rubberclad plugtops. Fitted with hinged lid and cable inlet.

	£	s	d
Ref. 422	6 way 15 amp	14	15 0
Ref. 423	8 way 15 amp	18	0 0
Ref. 429	10 way 15 amp	21	0 0
Ref. 424	12 way 15 amp	23	0 0
Ref. 426	16 way 15 amp	28	10 0
Ref. 427	20 way 15 amp	38	0 0
Ref. 428	30 way 15 amp	50	0 0
Ref. 20	Connector box only, with terminals for 12 circuits and cable gland	3	18 0

INTERNALLY WIRED BARRELS

These consist of $1\frac{1}{2}$ -in bore Gas barrel ($1\frac{7}{8}$ -in ext. dia.) 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.

	£	s	d	Longer barrel per ft
Ref. 430	6 way 5 amp 18-ft long, 56lb	20	15 0	7/-
Ref. 431	8 way 5 amp 18-ft long, 57lb	24	10 0	8/-
Ref. 432	10 way 5 amp 20-ft long, 63lb	28	0 0	9/-
Ref. 433	12 way 5 amp 24-ft long, 73lb	30	15 0	10/-
Ref. 437	15 way 5 amp 24-ft long, 74lb	37	0 0	13/-
Ref. 436	16 way 5 amp 24-ft long, 75lb	39	0 0	14/-
Ref. 440	6 way 15 amp 24-ft long, 91lb	29	0 0	9/-
Ref. 441	8 way 15 amp 24-ft long, 93lb	33	0 0	10/6
Ref. 442	10 way 15 amp 24-ft long, 96lb	37	10 0	12/-
Ref. 443	12 way 15 amp 28-ft long, 109lb	44	0 0	13/6
Ref. 447	15 way 15 amp 30-ft long, 120lb	53	10 0	15/9
Ref. 446	16 way 15 amp 30-ft long, 122lb	56	10 0	16/6

For longer or shorter length add or subtract per foot as right hand column above.

**LIST OF
"CINEMOID"
COLOURS**

1. Yellow
2. Light Amber
3. Straw
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. 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
45. Daylight
46. 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
56. Pale Chocolate
57. Pink
60. Pale Grey
61. Slate Blue
62. Turquoise
63. Sky Blue
66. Pale Red
67. Steel Tint

Additions to the range are made from time to time.

'CINEMOID' COLOUR FILTERS

"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 which is distributed throughout the world by The Strand Electric & Engineering Company Ltd."

Ref. 267 Small sheet 24½×21-in 5/3 } Postage and packing: Add 3/- for less
Ref. 268 Large sheet 49×21-in 10/6 } than 6 large or 12 small sheets.

COLOUR FRAMES AND 'CINEMOID' CUT TO SIZE

Add suffix -/C to frame reference for 'Cinemoid' cut to size, or -/CF for 'Cinemoid' in frame

	Frames only per dozen	'Cinemoid' only -/C		'Cinemoid' and Frames, -/CF	
		£ s d	£ s d	£ s d	£ s d
Ref. 61 11¼×11¼-in for Patt 60, 243, 253, 293	2 13 0	1 13 0	4 6 0	6 4 0	
Ref. 67 16¼×16¼-in for Patt 49	3 18 0	2 6 0	6 4 0	4 6 0	
Ref. 76 5¾×5¼-in for Patt 45 (millboard)	12 0	5 0	17 0	17 0	
Ref. 240 9¼×8-in for Patt 137, S, S-/F	1 16 0	12 0	2 8 0	2 8 0	
Ref. 250 Spring clips only for Patt JF/3	3 9	—	—	—	
Ref. 284 7¾×7¾-in for Patt 23N	1 16 0	11 0	2 7 0	2 7 0	
Ref. 359 4×4-in for Patt 23, 23F, 23W	1 12 6	4 0	1 16 6	1 16 6	
Ref. 401 6½×6½-in for Patt 123	3 8 0	8 0	3 16 0	3 16 0	
Ref. 495 9¼-in dia. for Patt 501M magazine	13 5 0	16 0	14 1 0	14 1 0	
Ref. 632 8¾×8¾-in for Patt 223	1 17 0	15 0	2 12 0	2 12 0	
Ref. 639 11¼-in dia. for Patt 543	7 10 0	1 16 0	9 6 0	9 6 0	
Ref. 650 5¾×5¼-in for Patt 45 (metal)	1 16 0	5 0	2 1 0	2 1 0	
Ref. 661 6½×6½-in for Patt 263, 264	1 14 0	8 0	2 2 0	2 2 0	

Ref. 388 Set of five cut filters for ref. 382 Patt 23 colour change wheel set 4/-
Ref. 390 Set, as above, for Patt 23N, 123, 263, 264 colour change wheels set 5/-
Ref. 377 Set, as ref. 388, for ref. 276. Patt 23 hand-operated colour wheel set 4/-
'Cinemoid' colour filters Nos. 33, 11, 41, 36, 52, will be supplied, unless others specified

Ref. 474 'Cinemoid' colour filter for ref. 479, 476 GES underwater lampholder 4/6
Ref. 660 'Cinemoid' colour filter for ref. 658, 659 ES underwater lampholder 2/6
Ref. 641 'Cinemoid' 4¾×4¾-in for Patt 523, 523W dozen 5/-

LAMPS

Prices marked thus * are subject to addition of Purchase Tax.

GENERAL LIGHTING SERVICE (G.L.S.)

	£	s	d
100 watt clear, single coil, E.S. base, for Patt 137	1	6	½*
150 watt clear, single coil, E.S. base, for Patt 137, S, S-/F	2	0	*
200 watt clear, single coil, E.S. base, for Patt 137	2	9	*
300 watt clear, single coil, E.S. base, for Patt 60, 560	7	3	
500 watt clear, single coil, G.E.S. base, for Patt 60, 560	10	0	
1000 watt clear, single coil, G.E.S. base, for Patt 49	17	0	

INTERNALLY SILICA COATED LAMPS

40 watt opal, B.C. base only, for Patt JF/3	1	11	*
60 watt opal, B.C. base only, for Patt JF/3	1	11	*
1000 watt opal, G.E.S. base, for Patt 149TV, 149	1	5	6

PROJECTION LAMPS Specify 220 volt or 240 volt.

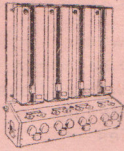
100 watt 13339W, S.B.C. base, for any Patt 100, 103, 12	1	1	0*
250 watt Class T/3, P.28 base, for any Patt 23, 45, 123, 523	1	5	0*
250 watt †Class B1/7, P.28 base, for any Patt. 23, 45, 123, 523	1	6	3*
500 watt Class T/1, P.28 base, for any Patt 23, 45, 123, 523	1	15	0
500 watt †Class T/7, P.28 base, for any Patt 23, 45, 123, 523	2	8	0
1000 watt Class T/4, P.28 base up, for any Patt 263, 264	3	10	0
1000 watt Class T/5 or T/6, P.28 base, for any Patt 223	4	0	0
1000 watt Class T/2, P.40 base, for Patt 243 (not -BP, -TV)	2	5	0
1000 watt †Class B1/4, G.E.S. base, for Patt 543	2	12	6
1000 watt Class A1/188, P.40 base, for Patt 252, 293	2	15	0
2000 watt Class A1/218, P.40 base, for Patt 252, 253, 293	8	10	0
2000 watt Class S/1, B138 base, for Patt 243BP, 243TV	7	10	0
4000 watt 4M/T32 110 volt only, B138 base, for Patt 152	19	15	0

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

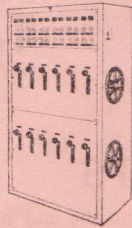
SPECIAL-PURPOSE LAMPS

	£	s	d
40 watt 4-ft U.V. tube, Bi-pin caps, for Ref. 379	3	10	0
125 watt U.V. bulb, 3-pin B.C. base, for Patt 230	3	7	6
150 watt PAR-38, E.S. base, specify flood or spot, for Patt SP	17	6	*
500 watt Altrilux, G.E.S. base, for Ref. 479	3	15	0
750 watt tungsten iodine, for TID.1000	5	4	0
1000 watt tungsten iodine, for TID.1000	5	15	0
1000 watt Class FL/2, G.E.S. base, for Ref. 342	4	10	0
1500 watt tungsten iodine, for TID.1500	6	5	0
12 volt M.E.S. base, for signal and cue boards	1	3	*

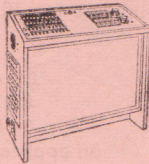
LIGHTING CONTROLS



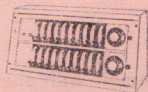
Junior 8



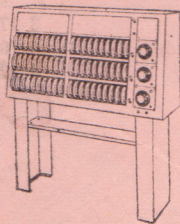
Junior Interlock Type JI/24



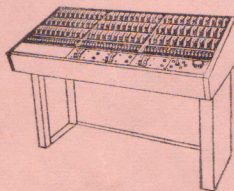
Type Ten/20



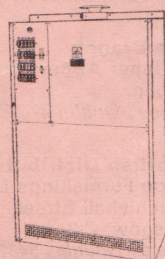
Type JP.20 Remote control



Type JP.40 Remote control



Type SP.60 Remote control



Type JTM Dimmer rack

JUNIOR 8 200/250 volt AC only, single phase

Ref. 616 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 and 5 amp 3 pin B.S. socket, with white plugtops, to each channel

Ref. 617 Slave 8 As ref. 616 above, but extension unit for ref. 616, 614, 615, 619

Ref. 615 Senior 6 Six 5 amp control channels sharing three 1000/2000 watt slider and dimmers, otherwise as ref. 616

Ref. 614 Master 2 Plus Two 4000 watt short-rated master dimmers for series interconnection to two ref. 617 Slave 8 units, plus two 5 amp control channels sharing one 1000/2000 watt slider dimmer

Ref. 619 Master 3 Three 4000 watt short-rated master dimmers for series interconnection to three ref. 617 Slave 8 units

Ref. 618 Spare 5 amp 3 pin white plugtop for additional circuit

£ s d

49 10 0

49 10 0

68 10 0

73 0 0

76 0 0

2 9

JUNIOR INTERLOCK 220/250 volt. AC only, single or three phase.

Type JI/24 24-1000 watt max. control channels sharing 12-500/1000 watt Sunset dimmers interlocking to two master wheels. 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 and terminals for load connections

Type JI/30 28-1000 watt max. control channels sharing 14-500/1000 watt Sunset dimmers, as type JI/24, plus 2 1000/2000 watt single dimmer channels

Each dimmer increased to 1000/2000 watt sharing two channels *add*

Each 1000/2000 watt single dimmer channel to replace two shared channels *add*

297 0 0

347 0 0

7 10 0

7 10 0

JUNIOR SUNSET 220/250 volt. AC only, single or three phase.

Type JS/12 12-500/1000 watt Sunset dimmer channels interlocking to two master wheels. B.O/Indep. switch and cartridge fuse to each dimmer channel. Terminals for load connections

Type JS/16 16-500/1000 watt Sunset dimmer channels, otherwise as Type JS/12

Type JS/24 24-500/1000 watt Sunset dimmer channels interlocking to three master wheels, otherwise as type JS/12

Each dimmer channel increased to 1000/2000 watt *add*

270 0 0

315 0 0

430 0 0

7 10 0

TYPE TEN/20 200/240 volt AC only.

Self-contained portable unit with 20 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. Cartridge fuses. 15 amp 3 pin BS socket outlet to each channel

578 0 0

REMOTE LIGHTING CONTROLS

200/240 volt AC only, single or three phase.

Prices for 110/120V AC range, for Type TM Thyristor dimmers and for larger or more sophisticated control systems are subject to quotation. The phase to neutral voltage should be stated at time of order.

Type JP.20 20 channel, 2-preset desk, table or wall-mounting, and 20 **Type JTM** 2000-watt max. Thyristor dimmers and one dimmer rack

£805

Type JP.40/3 40 channel, 3-preset desk, near-vertical wing, and 40 **Type JTM** 2000-watt max. Thyristor dimmers and two dimmer racks

£1,735

Type JP.40/4 40 channel, 4-preset desk, and **Type JTM** dimmers as above

£1,820

Type JP.60/3 60 channel, 3-preset desk, near-vertical wing, and 60 **Type JTM** 2000-watt max. Thyristor dimmers and three dimmer racks

£2,605

Type JP.60/4 60 channel, 4-preset desk, and **Type JTM** dimmers as above

£2,725

Type SP.40/3 40 channel, 3-preset, 2-group low-back desk, and 40 **Type JTM** 2000-watt max. Thyristor dimmers and two dimmer racks

£2,092

Type SP.60/3 60 channel, 3-preset, 2-group low-back desk, and 60 **Type JTM** 2000-watt max. Thyristor dimmers and three dimmer racks

£2,932

Type SP.80/3 80 channel, 3-preset, 2-group low-back desk, and 80 **Type JTM** 2000-watt max. Thyristor dimmers and four dimmer racks

£3,798

TYPE JTM DIMMER VARIATIONS available at time of manufacture.

Each dimmer increased to 5000-watt max. (no more than 2 in any one rack) *add*

£15

Each dimmer reduced to 1000-watt max. *deduct*

£5

Omission of each 2000-watt max. dimmer *deduct*

£25

THYRISTOR UNIT DIMMERS

200/240 volt AC only

Constant-rated variable-load Thyristor dimmers with substantial filter. Maximum ratings below are for tungsten filament lamps. For fluorescent lamps specified control gear must be used and each dimmer is de-rated by 50%. The phase to neutral voltage should be stated at time of order.

For single circuit, single controller applications use type TU series. For multiple circuit applications, with common or separate controllers, one type MTU is required and Type STU units for additional circuits. The prices of shallow, vertical-lever control boxes are on application. For control from parallel-connected push-button stations one type PB solid-state control unit is required.

		£	s	d
Type TU/10	1000 watt max.	33	5	0
Type TU/20	2000 watt max.	38	5	0
Type TU/50	5000 watt max.	46	5	0
Type MTU/10	1000 watt max.	34	2	6
Type MTU/20	2000 watt max.	39	2	6
Type MTU/50	5000 watt max.	47	2	6
Type STU/10	1000 watt max.	33	5	0
Type STU/20	2000 watt max.	38	5	0
Type STU/50	5000 watt max.	46	5	0
Type PB	Control unit to provide up, down, or to preset intensity from push buttons	30	0	0

SLIDER DIMMERS 200/250 volt AC only.

Graduated resistance windings. With plotting scale, internal terminals and conduit/cable entry at base except where otherwise stated.

		£	s	d
Ref. 545	250/500 watt	7	7	6
Ref. 546	500/1000 watt	7	7	6
Ref. 547	600/1200 watt	7	7	6
Ref. 548	1000/2000 watt	14	15	0
Ref. 550	4000 watt short-rated, no scale	16	0	0
Ref. 555	250/500 watt, top exit cord	7	7	6
Ref. 556	500/1000 watt, top exit cord	7	7	6
Ref. 554	Pair fixing conversion plates for old type HA Slider Dimmerboards	6	0	

Wall-mounting Sunset dimmers can be supplied for larger loads, or where constant rating is necessary.

Prices apply in U.K. only and are subject to the Company's terms of business and conditions of sale, obtainable on request.

SIGNAL & CUE BOARDS

Warning and Go engraved tablet switches both with series pilot light and a buzzer push to each way. Master Warning and Go switches fitted for 6 ways and over. Supplied with separate, but enclosed, transformer 24 volt output, i.e. 12 volt M.E.S. lamps in series.

		£	s	d
Ref. 451	3 way Cue Board	35	0	0
Ref. 452	6 way Cue Board	50	0	0
Ref. 453	9 way Cue Board	66	0	0
Ref. 456	12 way Cue Board	82	0	0
Ref. 457	2 light outstation	2	12	6
Ref. 458	Outstation with reply switch	3	18	6

ORCHESTRA LIGHTS

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

The conductor's stand, for a full score, is adjustable in height and tilt and has two B.C. lampholders in a fixed, full width, shade. Supplied unwired.

		£	s	d
Ref. 117	Orchestra Stand	8	17	6
Ref. 118	Lighting Fitting only	3	0	0
Ref. 116	Conductor's Stand			on application

EXIT BOXES

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

		£	s	d
Ref. 500	Surface mounting	3	17	6
Ref. 514	As ref. 500 but with opal base	4	10	0
Ref. 515	Flush mounting	4	12	6

THE STRAND ELECTRIC & ENGINEERING CO. LTD.

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