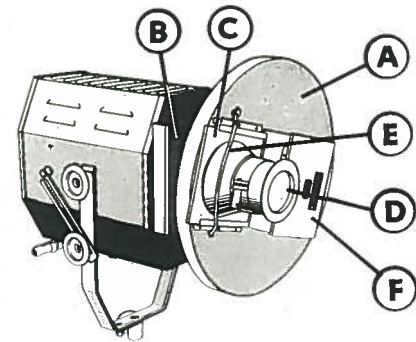


## OPTICAL EFFECTS

Effects of this type consist of lantern (see Patt. 52 and 51) effect attachment, and objective lens (see figure on right). Stationary slides require a normal slide carrier and turntable front instead of an effect attachment. Slides are to special order only and can include a metal frame which replaces the normal carrier but not the turntable front.



Patt. 52 with effects disc and objective lens in position. The effect has been rotated by means of turntable to give downward diagonal direction to the projected effect. (A) Disc housing. (B) Turntable casting. (C) Colour (or mask) and objective runners. (D) Objective lens. (E) Objective lens retainer spring. (F) Motor housing.



## OPTICAL EFFECTS PROJECTORS

Catalogue Ref.	Leaflet	Description	Lamp		Class	Width ins.	Depth ins.	Height ins.	Weight lbs.	Price	
			Watts							£	s d
Patt. 52	F.11	Optical Effects Projector (high efficiency model) .. .. .	1000		A.1	12	15½	19½	26	22	10 0
Patt. 51	F.11	Optical Effects Projector .. .. .	1000	}	TB	12	15½	19½	26		16 10 0
			500								
Patt. 152	—	High Intensity Effects Projector .. .. .	2000	}	—	15	18	26	33		Available Jan. 1959
			3000								

### ACCESSORIES

154—Turntable front (see fig. 1) to take either slide carrier 155 or 156 below (slide carriers not included) .. .. .	5 10 0
155—Standard (metal) slide carrier (slide size 3¼ ins. square) .. .. .	3 0 0
156—Universal (metal) slide carrier (slide sizes 3¼ ins. square to 4 ins. x 3¼ ins.) .. .. .	5 0 0
343—Adjustable metal mask for limiting beam shape to proscenium, etc. .. .. .	13 6
346—Beam diverter mirror for altering direction of emergent beam relative to lantern. (Fits objective assemblies 151, 152, 153 overleaf.) .. .. .	1 12 6

## MOVING EFFECTS ATTACHMENTS excl. lantern or lens (Leaflet F21)

(Lantern and objectives not included)

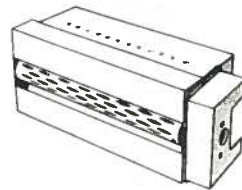
**Disc type.** Glass with effect photographed or otherwise reproduced in 18½-in. diam. aluminium housing, with A.C. electric variable speed drive. Turntable to set angle of travel of effect and runners for colours or mask, and for objective lens assembly, Weight 11½ lb. approx.

	Complete		Disc only	
	£	s d	£	s d
134—Fleecy Clouds(A)	32	10 0	9	0 0
135—Storm Clouds(A)	32	10 0	9	0 0
136—Rain (C) ..	34	0 0	11	0 0
137—Snow (B) ..	32	10 0	9	0 0
138—Running Water (B) ..	47	10 0	23	0 0
140—Smoke (B) ..	40	10 0	16	0 0
141—Flames (C) ..	34	10 0	10	0 0
147—Dissolving Colours ..	32	10 0	8	10 0
148—Forked Lightning — Hand operated with 1 slide ..	14	0 0		

Discs are only interchangeable with effects of the same lanterns, see letter reference.

**Box type.** Reciprocating action in wooden case 10½ in. wide x 17½ in. high. Weight 9½ lb. Otherwise as on left.

143—Sea Wave .. ..	28	0 0
144—Water Ripple .. ..	30	10 0
145—Under Sea .. ..	28	0 0
342—Tubular Ripple Effect, .. .. .	27	10 0



Self-contained in sheet-metal case with A.C. electric motor drive and requiring no projection lantern or lens. For close range work behind ground rows only. Weight 28 lbs. To use 1000W Class FL/2 Tubular lamp

## OBJECTIVE LENS ASSEMBLIES (Leaflet F21)

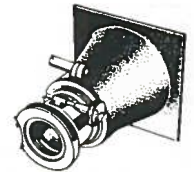
### SHORT FOCUS



Aluminium cast housing with sliding brass lens jacket, secured by thumbscrew, complete with best-quality 3½-in. diam. British lenses, and backplate to fit effect attachment runner. Weight 3½ lb.

151—2½-in. focus, extra wide angle, 14 ft. sq. (3½ in. x 3½ in. slide) at 10 ft. .. .. .	8 0 0
152—3-in. focus, wide angle, 10 ft. sq. (3½ in. x 3½ in. slide) at 10 ft. .. .. .	8 0 0
153—4-in. focus, narrow angle, 6 ft. 6 in. sq. (3½ in. x 3½ in. slide) at 10 ft. .. .. .	8 0 0

### LONG FOCUS



Cast aluminium housing with brass front for 2¾-in. diam. lenses.

	£	s	d
344—Long Focus (6, 8 or 10-in.) objective assembly without lens Weight 5½ lb. .. .. .	19	0 0	
345—Long Focus (12, 14 or 16-in.) objective assembly without lens Weight 8½ lb. .. .. .	21	0 0	
328—6-in. focus lens for 344 Weight 1 lb. .. .. .	9	0 0	
329—8-in. focus lens for 344 Weight 1 lb. .. .. .	9	0 0	
330—10-in. focus lens for 344 Weight 1 lb. .. .. .	9	0 0	
331—12-in. focus lens for 345 Weight 1 lb. .. .. .	9	0 0	
332—14-in. focus lens for 345 Weight 1 lb. .. .. .	9	0 0	
333—16-in. focus lens for 345 Weight 1 lb. .. .. .	9	0 0	