



LAMP CATALOGUE



PROJECTOR LAMPS



Only the female of the species known as *Melanocetus johnsoni* is the complete angler fish. Her fishing rod is baited with a light gland. Roving 6,000 feet down, she lowers her luminous lure until it dangles before her fearsome jaws.

Curiosity kills the small fish attracted by this concentrated light source. Siemens Ediswan know something about concentrated light sources. For some time they have been among the leading makers of high intensity lamps for still and cinematograph projectors, for architectural, theatre and studio floodlights and spotlights; and for searchlights. Siemens Ediswan keeps in the forefront of development and manufacture. There is a Siemens Ediswan projector lamp for every popular British, American, or European projector on the market. And the steady introduction of new lamps of superior performance often enables manufacturers to design new and improved equipment embodying these lamps for little or no increase in cost.

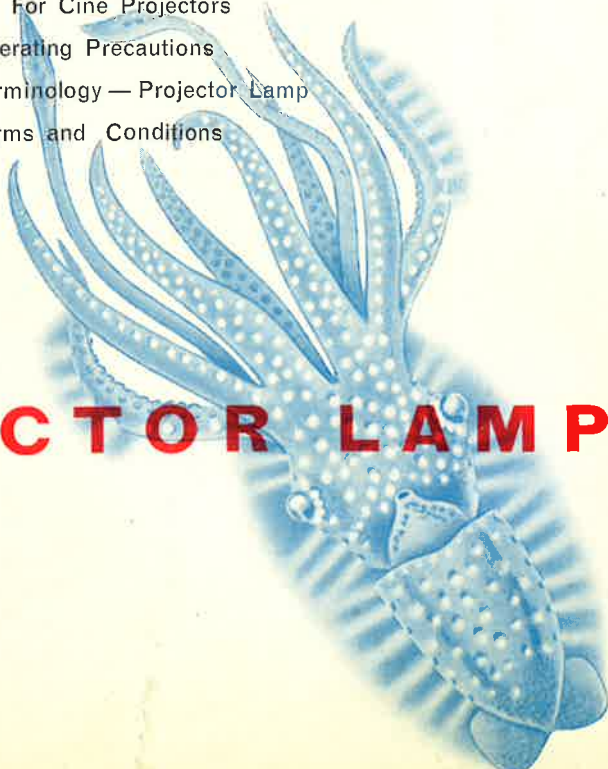
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PROJECTOR LAMPS



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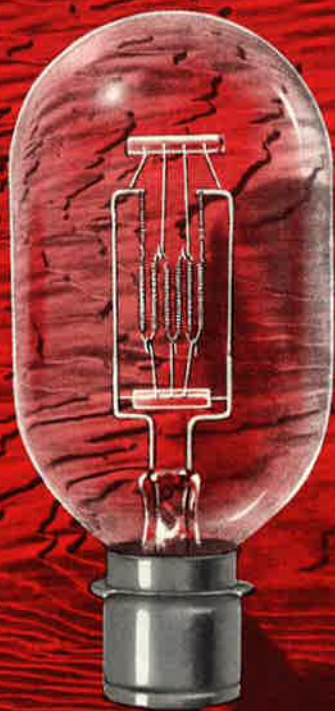
A1/186

Class A1 PROJECTOR LAMPS

The lamps in this section have tubular bulbs and form compact, high efficiency light sources, especially suitable for use in Film and Slide Projectors, Home Cinemas and Scientific Instruments. Unless otherwise stated they must be burned within 15° of the vertical cap down.

List No. *	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.	
				Dia.	O/A length	L.C.L.					
A1/2a	100, 110, 115	50	SCC B15s	25±1	76±3	34.5±2	Flat Grid	17.0	50	15	0
A1/19a	100, 115	50	SBC B15d	25±1	76±3	34.5±2	Flat Grid	17.0	50	15	0
A1/3	30	100	Prefocus P28	25±1	133±7	55.5±0.5	Flat Grid offset	23.0	50	19	6
A1/4a	{ 12 100, 110, 115 210, 220 230, 240, 250 }	100	Prefocus P28	25±1	133±7	55.5±0.5	Flat Grid	{ 24.0 18.0 16.0 24.0 18.0 }	50	19	6
A1/23a	{ 12 100, 110 210, 220 230, 240, 250 }	100	E.S. E27	25±1	128±7	75±5	Flat Grid	{ 16.0 23.5 }	50	19	6
A1/21	12	100	SCC B15s	25±1	76±5	34.5±2	Flat Grid	23.5	50	18	3
A1/21a	{ 110, 115 200, 210, 220 230, 240, 250 }	100	SCC B15s	25±1	76±5	34.5±2	Flat Grid	{ 18.5 16.5 }	50	18	3
A1/121a	115	100	SBC B15d	25±1	76±5	34.5±2	Flat Grid	16.5	50	18	3
A1/186a	12	100	SCC B15s	25±1	76±3	34.5±0.5	Rectangular	27.5	25	18	3
A1/193	12	100	BA21s 4 pin	25±1	76±3	34.5±0.5	Rectangular	27.5	25	18	3
A1/104a	12	150	Prefocus P28	32±2	133±7	55.5±0.5	Solid Source	21.0	50	26	0
A1/167	{ 115, 200 210, 220, 230 240, 250 }	150	SCC B15s	25±1	87±5	34.5±0.5	Flat Grid	{ 16.0 }	50	21	9
A1/168	{ 115, 210, 220 230, 240, 250 }	150	SBC B15d	25±1	87±5	34.5±0.5	Flat Grid	16.0	50	22	9
A1/175	{ 115, 200, 210, 220 230, 240, 250 }	150	Prefocus P28	25±1	133±7	55.5±0.5	Flat Grid	16.0	50	25	0
A1/182a	210, 230, 240, 250	150	VTB	30 max.	76 max.	33.5±1	c/c Flat Grid	20	25	30	0
A1/12a	50	200	ES E27	32±2	128±7	75±5	Flat Grid	23.0	50	27	9
A1/13a	50	200	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid	23.0	50	27	9
A1/112a	50	200	ES E27	32±2	128±7	75±5	Flat Grid offset	23.0	50	27	9
A1/113a	50	200	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid offset	23.0	50	27	9
A1/151a	50	200	SCC B15s	25±1	87±5	34.5±2	Flat Grid	23.0	50	27	9
A1/26a	100	200	SCC B15s	25±1	87±5	34.5±2	Flat Grid	22.0	25	25	0
A1/80b	100	200	BC 3 pin B22	32±2	82±3	51±0.5	Flat Grid offset	22.0	25	35	0
A1/12a	110	200	ES E27	32±2	128±7	75±5	Flat Grid	22.0	50	27	9
A1/106a	12	250	Prefocus P28	32±2	133±7	55.5±0.5	Solid Source	23.0	50	39	0
A1/106a	24	250	Prefocus P28	32±2	133±7	55.5±0.5	Solid Source	22.0	50	39	0
A1/5a	50	250	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid	23.0	50	30	0
A1/16a	50	250	ES E27	32±2	128±7	75±5	Flat Grid offset	23.0	50	30	0
A1/5a	{ 100, 110, 115 200, 210, 220 230, 240, 250 }	250	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid	{ 23.0 20.0 }	50	27	9
A1/14a	{ 115 200, 210, 230 240, 250 }	250	ES E27	32±2	128±7	75±5	Flat Grid	{ 23.0 20.0 }	50	30	0

* Small letters following list numbers refer to Operational Notes at foot of page 5.



A1/8



A1/180



A1/47



A1/176

List No. †	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
A1/6a	110, 115	300	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid	24.0	25	34 3
*A1/37a	115	300	SCC B15s	28max	100±5	34.5±2	Flat Grid	23.0	25	33 0
A1/86	115	300	BH 46	32±2	128±7	59±0.5	Biplane	24.0	25	42 0
A1/154a	200, 210, 220, 230, 240, 250	300	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid	21.0	50	34 3
*A1/37a	200, 210, 220, 230, 240, 250	300	SCC B15s	28max	100±5	34.5±0.5	Coiled Coil	21.0	25	33 0
*A1/178	110, 115	300	VTB	32±2	103 max	39.7±1	Flat Grid	23	25	40 0
*A1/178	210, 230, 240, 250	300	VTB	32±2	103 max	39.7±1	Coiled Coil	22	25	40 0
A1/109	24	400	Prefocus P28	64±2	133±7	55.5±0.5	Solid Source	23.0	50	80 0
A1/108	31	400	ES & lug E27	38±2	128±7	75±0.5	Solid Source offset	20.0	50	60 9
A1/39a	110, 115	400	Prefocus P28	32±2	133±7	55.5±0.5	Biplane	25.0	25	43 6
A1/87a	110	400	BH 38	32±2	128±7	59±0.5	Biplane	25.0	25	43 6
*A1/176a	{ 115, 210, 220 } 230, 240, 250	500	SCC B15s	29±2	100±5	34.5±1	Flat Grid	24.0	25	42 0
A1/7a	{ 110, 115 } 200, 210, 220 230, 240, 250	500	Prefocus P28	32±2	133±7	55.5±0.5	Biplane	{ 25.0 } 22.0	25	46 0
A1/46b	110	500	BC 3 pin, B22	38 max	142 max	95±0.5	Biplane	25.0	25	48 3
A1/47a	110, 200, 210, 220 230, 240, 250	500	BH 38	32±2	128±7	59±0.5	Biplane	25.0	25	47 0
A1/160a	110, 210, 220, 230 240, 250	500	BH 46	32±2	128±7	59±0.5	Biplane	25.0	25	47 0
A1/153b	110	500	ES 3 fin E27	38 max	145±8	81±0.5	Biplane	25.0	25	50 0
A1/8	{ 110, 115 } 200, 210, 220 230, 240, 250	500	Prefocus P28	64±2	133±7	55.5±0.5	Flat Grid	{ 24.5 } 23.0	50	33 0
A1/42	{ 100, 110 210, 230 240, 250 }	500	ES E27	64±2	128±7	75±5	Flat Grid	{ 24.5 } 23.0	50	33 0
A1/43	{ 110, 210, 230 240, 250 }	500	GES. E40	64±2	135±10	90±5	Flat Grid	{ 24.5 } 23.0	50	34 6
*A1/180	110, 115	500	VTB	32±2	103 max	39.7±1	Biplane	26	25	55 0
*A1/180	210, 230, 240, 250	500	VTB	32±2	103 max	39.7±1	Biplane	24	25	55 0
A1/9a	{ 110, 115 } 200, 210 230, 240, 250	750	Prefocus P28	38±2	133±7	55.5±0.5	Biplane	{ 26.5 } 23.0	25	53 0
A1/52b	110, 115	750	ES 3 fin E27	38 max	145±8	81±0.5	Biplane	26.5	25	53 0
A1/53a	{ 110, 115, 200 210, 220, 230 240, 250 }	750	BH 46	38±2	128±7	59±0.5	Biplane	{ 26.5 } 23.0	25	53 0
A1/54a	110, 115	750	ES E27	38±2	128±7	75±5	Biplane	26.5	25	53 0
A1/111	30	900	GES E40	64±2	230±10	120±5	Flat Grid	28.0	50	62 6
A1/58	{ 200, 210, 220 } 230, 240, 250	1000	Prefocus P28	64±2	133±7	55.5±0.5	Biplane	{ 27.5 } 25.0	25	62 0
A1/59a	{ 110, 115 } 200, 210, 220 230, 240, 250	1000	Prefocus P28	38±2	133±7	55.5±0.5	Biplane	{ 27.5 } 24.5	25	62 0
A1/91a	110, 115	1000	BH 46	38±2	128±7	59±0.5	Biplane	27.5	25	62 0
A1/11	{ 100, 110, 210 220, 230, 240 250 }	1000	Large Pre- focus P40	64±2	235±10	84±0.5	Flat Grid	{ 27.5 } 25.0	50	50 0
A1/57	{ 100, 110, 115 210, 230 240, 250 }	1000	GES E40	64±2	230±10	120±5	Flat Grid	{ 27.5 } 25.0	50	50 0

†Small letters following list numbers refer to Operational Notes below:

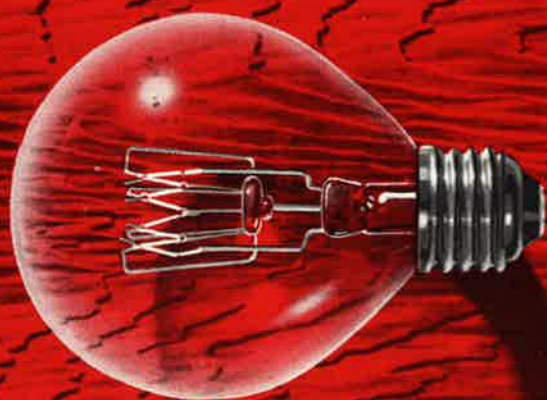
Class 1 Operational Notes It is important to ensure an unobstructed flow of air past the lamp and that, where fitted, the forced cooling system is operating correctly.

For satisfactory lamp life no part of the bulb wall should exceed a temperature of 500°C.

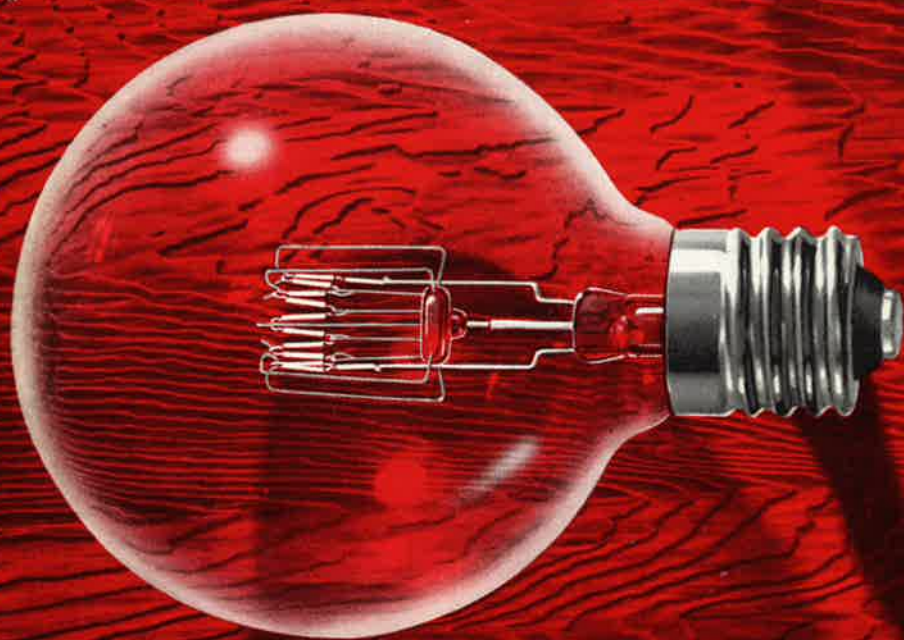
*For lamps type A1/37, A1/176, A1/178 and A1/180 bulb wall temperature should not exceed 400°C.

(a) Supplied with black top dome (b) These lamps must be burned in the vertical cap up position.

LIST NUMBERS SHEWN IN BOLD LETTERS INDICATE MAJOR INTERNATIONAL TYPES AND SHOULD BE USED WHEREVER POSSIBLE.



B1/1



B1/3

Class B1 and Lamps Suitable for Scialytic Fittings

Round bulb. Any burning position except within 45° of vertical cap up. Used for floodlighting of buildings and for theatre and studio flood and spotlights. Types B1/5 and B1/6 are suitable for Scialytic fittings for use in hospital theatres.

List No.	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
B1/1	{ 200, 220 230, 240, 250 }	100	ES. E27	80±2	115±10	75±5	Bunch	9.5	800	16 0
B1/2	{ 100, 110 220, 230 240, 250 }	250	ES. E27	95±2	125±10	75±5	Bunch	14.5 12.5	800	25 0
B1/3	{ 115 200, 210, 230 240, 250 }	500	GES. E40	130±5	180±10	115±5	Bunch	16.5 15.0	800	34 0
B1/15	{ 230, 240 }	1000	P40/41	130±5	190±10	84±0.5	Bunch	16.5	800	46 6
B1/4	{ 210, 230 240, 250 }	1000	GES. E40	130±5	180±10	115±5	Bunch	16.5	800	46 6

Lamps for Scialytic Fittings.

B1/5	{ 110 230, 240, 250 }	100	ES. E27 or BC. B22	75±2	144±10	115±5	Bunch	11.0 9.5	800	16 0
B1/6	{ 110 210, 230, 240 250 }	150	ES. E27 or BC. B22	75±2	144±10	115±5	Bunch	11.5 10.0	800	25 0
—	24	150	ES.	78±2	116±4	76±3	Axial c/c	—	500	20 0

PURCHASE TAX—ALL LAMPS IN CLASS B1, D, E, F AND H UP TO AND INCLUDING 250 WATTS ARE SUBJECT TO PURCHASE TAX OF 17.1%.



B2/2



E/3

Class B2

Round bulb, with neck. Suitable for any burning position. Applications similar to Class B1.

List No.	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
B2/1	$\left\{ \begin{array}{c} 115 \\ 230 \\ 240, 250 \end{array} \right\}$	500	GES. E40	130 ± 5	267 ± 8	202 ± 7	Bunch	$\begin{array}{c} 16.5 \\ 15.0 \end{array}$	800	34 0
B2/2	$\left\{ \begin{array}{c} 230 \\ 240, 250 \end{array} \right\}$	1000	GES. E40	150 ± 5	300 ± 9	225 ± 8	Bunch	16.5	800	42 0

Class E

Round bulb. For use in Episcopes or Epidiascopes apparatus. Burning position: vertical cap down, or within 45°.

List No.	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
E/1	$\left\{ \begin{array}{c} 115 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	500	Prefocus P28	100 ± 5	135 ± 10	60 ± 0.5	Grid	$\begin{array}{c} 24.0 \\ 22.0 \end{array}$	100	37 6
E/3	$\left\{ \begin{array}{c} 220 \\ 230, 240, 250 \end{array} \right\}$	500	ES. E27	100 ± 5	135 ± 10	85 ± 5	Grid	22.0	100	36 6



F/41



F/54



F/42



G/14



G/5

Class F Tubular or round bulbs. Burning position dependent on type. Used for micro projection, Microscope illumination, small Home Cinemas, etc. Burning angle varies with each type of bulb.

List No.	Volts	Watts	Cap	Dimensions mm.			Filament	Efficiency L/W.	Average Life (hours)	List Price s. d.	
				Dia.	O/A length	L.C.L.					
F/30	4	8	SES. E14	35±2	62±5	52±5	Transverse	12.0	100	7	6
F/24	6	24	ES. E27	38±2	57±5	47±5	Transverse	16.0	100	6	3
F/10	6	24	SES. E14	38±2	60±5	50±5	Transverse	16.0	100	7	6
*	6	24	BC. B22	38±2	60 max.	40±3	Transverse	16.0	100	7	6
F/3	12	24	SBC. B15d.	38±2	60±5	44±5	Transverse	18.0	100	6	3
F/10	12	24	SES. E14	38±2	60±5	50±5	Transverse	18.0	100	7	6
F/11	12	24	SES. E14	38±2	60±5	41±3	Transverse	18.0	100	6	3
F/1	6	30	SES. E14	35±2	57±5	47±5	Transverse	20.0	25	10	0
F/23	6	30	ES. E27	35±2	63±5	53±5	Transverse	14.0	200	10	0
F/25	6	30	ES. E27	35±2	63±5	53±5	Transverse	20.0	25	10	0
F/26	6	30	SES. E14	35±2	65±5	47±5	Transverse	14.0	200	10	0
F/41	6	30	SBC. B15d.	35±2	58±5	40±5	Transverse	20.0	25	10	0
F/54	6	30	SBC. B15d.	38±2	60±5	53±5	Solid Source	14.5	100	10	0
F/55	6	30	SES. E14	38±2	60±5	53±5	Solid Source	14.5	100	10	0
F/56	6	30	ES. E27	38±2	65±5	56±5	Solid Source	14.5	100	10	0
F/57	6	48	SBC. B15d.	38±2	60±5	53±5	Solid Source	14.5	100	12	6
F/58	6	48	SES. E14	38±2	60±5	53±5	Solid Source	14.5	100	12	6
F/59	6	48	ES. E27	38±2	65±5	56±5	Solid Source	14.5	100	12	6
F/52	6	48	SES. E14	35±2	65 max.	49±2	Transverse	17.0	100	12	6
F/2	6	48	SBC. B15d.	35±2	60±5	40±3	Transverse	17.0	100	12	6
F/7	8	48	SES. E14	39±1	60±5	41±3	Transverse	18.0	100	12	6
F/4	12	48	SES. E14	50±2	70±5	40±3	Twin Pillar	20.0	100	12	6
F/13	12	48	ES. E27	50±2	70±5	38±5	Twin Pillar	20.0	100	12	6
F/38	12	48	SBC. B15d.	38±2	60±5	40±3	Transverse c/c	20.0	100	12	6
F/42	12	48	Prefocus P28	50±2	175±5	18.5±0.5	Twin Pillar	20.0	100	12	6
F/40	6	100	BC. B22	60±1	90±5	55±5	Transverse c/c	17.5	50	20	0
F/14	12	100	ES. E27	60±2	85±5	55±5	Transverse	22.0	100	20	0
F/43	12	100	B.20S	60±2	90±5	43±0.5	Transverse	22.0	100	20	0

For Purchase Tax see page 7.

* 2 mm. or 6 mm. Filament.

Class G Tubular bulb. Burning position: vertical cap down. Exciter lamps for sound reproduction.

List No.	Volts	Amps.	Cap	Dimensions mm.			Filament	Efficiency L/W.	Average Life (hours)	List Price s. d.	
				Dia.	O/A length	L.C.L.					
G/1	4	0.75	P15s	25±1	48±3	28.5±0.5	Transverse	10.5	50	10	9
G/2	4	0.75	SCC B15s	25±1	48±3	32±1.5	Transverse	10.5	50	9	3
G/19	4	0.75	SCC. B15s	15±1	48±3	31.75±0.75	Transverse	10.5	50	7	3
G/29	4	0.75	P15s	16±1	57±3	28.5±0.5	Transverse	10.5	50	8	6
G/4	6	1.0	SCC B15s	18±1	40±2	21.5±0.5	Axial	12.0	100	9	3
G/5	6	1.0	P15s	16±1	57±3	28.5±0.5	Axial	12.0	100	9	3
G/6	8	2.0	SCC B15s	25±1	75±3	44±1	Transverse	12.5	100	9	3
G/20	8	3.8	ES. E27	32±2	80±5	64±3	Axial	18.0	100	11	0
G/8	8	4.0	SCC. B15s	25±1	75±3	44±1	Transverse	20.0	100	9	3
G/9	8.5	4.0	SCC. B15s	25±1	75±3	44±1	Transverse	20.0	100	9	3
G/10	10	5.0	P.15s	25±1	75±3	37.3±0.5	Transverse	22.0	100	13	9
G/11	10	5.0	SCC. B15s	25±1	75±3	41±1	Transverse	22.0	100	12	3
G/22	4	6.0	SCC. B15s	25±1	49±3	31.5±1	Transverse	12.0	100	10	0
G/23	5	6.5	P15s	25±1	75±3	41±0.5	Axial	18.0	50	12	3
G/13	10	7.5	P15s	25±1	75±3	37.3±0.5	Transverse	23.5	100	13	9
G/14	10	7.5	SCC. B15s	25±1	75±3	41±1	Transverse	23.5	100	12	3
G/15	10	7.5	SCC. B15s	25±1	75±3	44±1	Transverse	23.5	100	12	6

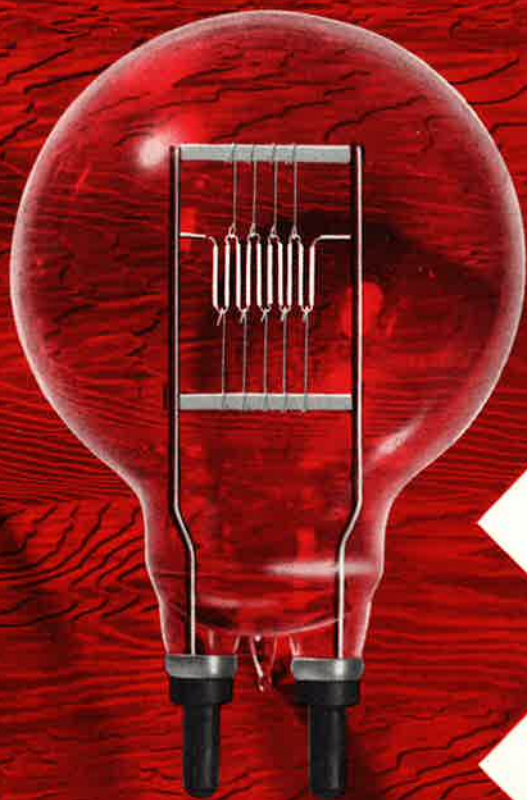
FL/2



T/1



S/1



Class FL

Tubular bulb. Burning position horizontal. The long light source enables a fan-shaped beam to be obtained when used with a trough reflector, and is useful for floodlighting purposes.

List No.	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
FL/2	230, 240, 250	1000	GES. E40	90±2	390±10	—	Axial	16.0	1000	70 0
FL/3	230, 240, 250	2000	*	90±2	425±5	—	Axial	22.5	200	122 0

*Large Prefocus P40 and P28 centralising.

Class S

Round bulb. Burning position cap down, or up to within 45° of cap down. Suitable for film and television studio lighting.

List No.	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
S/4	115	1000	Bipost	152.5±2	232±6	127±2	Flat Grid	24.0	100	130 0
S/4	230, 240, 250	1000	Bipost	152.5±2	232±6	127±2	Flat Grid	22.0	100	130 0
S/1	115	2000	Bipost	152.5±2	232±6	127±2	Flat Grid	26.0	100	150 0
S/1	230, 240, 250	2000	Bipost	152.5±2	232±6	127±2	Flat Grid	22.0	100	150 0
S/5	115	2000	GES. E40	150±2	220±10	134±5	Flat Grid	26.0	100	140 0
S/5	240, 250	2000	GES. E40	150±2	220±10	134±5	Flat Grid	22.0	100	140 0
S/2	250	5000	Bipost	203±2	335±6	165±2	Flat Grid	26.5	100	400 0

Class T

Theatre Spotlight lamps providing intense illumination with reasonable life. They are designed to burn cap down, or with the axis of the lamp at any angle from 0° to 90° to the horizontal.

List No.	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
T/1	230, 240, 250	500	Prefocus P28	95±5	130±10	55.5±0.5	Grid	19.0	200	33 9
T/2	210, 230, 240, 250	1000	Large Prefocus P40	130±5	190±10	84±0.5	Grid	20.0	200	42 9
T/3	210, 230, 240, 250	250	Prefocus P28	76±2	119±5	55.5±0.5	Grid	16.0	200	24 6

**SUEZ CANAL
SEARCHLIGHT**



H/5

Class D Lighthouse

These lamps are typical of our range manufactured for specialized applications. Further details of other types will be supplied on request.

List No.	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Average Life (hours)	List Price s. d.
				Dia.	O/L	L.C.L.			
D/3	100, 240	100	P28/25	80±2	120±10	55.5±0.5	Bunch	800	16 0
D/6	100, 240	500	P40/41	130±5	185±10	80±0.5	Bunch	800	34 0
D/9	100, 240	1000	P40/41	130±5	185±10	80±0.5	Bunch	800	46 6

Class H Marine Searchlight

List No.	Volts	Watts	Cap	Dimensions mm.			Description	List Price s. d.
				Dia.	O/L	L.C.L.		
H/5	12	100	ES.	78±2	116±5	76±5	Round Bulb B.T.	25 0
H/4	24	100	ES.	38±2	145±5	75±5	Clear Tubular	23 6
H/6	24	150	ES.	78±2	116±5	76±2	Round Bulb B.T.	30 0
H/7	24	150	ES.	38±2	145±5	75±5	Clear Tubular	27 6
H/1	110, 220	2000	P40 and Tail	76+4 -2	245±10	84±0.5	Clear Tubular	115 0

Suez Canal Searchlight

Volts	Watts	Cap	Dimensions mm.			Filament Formation	Average Life (hours)	List Price s. d.
			Dia.	O/L	L.C.L.			
110, 220	2000	GES with Flexible Leads	240±5	400±15	280±8	Vertical Grid	300	—
110, 220	3000	GES with Flexible Leads	240±5	400±15	280±8	Vertical Grid	300	—

PRICES ON APPLICATION



PP/1



PPE/1

PEARL PHOTOFLOOD

List No.	Volts	Watts	Cap	Dimensions mm.		Average Life (hours)	List Price s. d.
				Dia.	O/A length		
PP/1	{ 100/110, 200/210, 220/230, 240/250 }	275	BC. B22 or ES. E27	60	110	2	2 9
PP/2	{ 100/110, 200/210, 220/230, 240/250 }	500	BC. B22 or ES. E27	80	160	6 4	7 0

PHOTOGRAPHIC ENLARGERS

Internal Silica Coating

List No.	Volts	Watts	Cap	Dimensions mm.		Average Life (hours)	List Price s. d.
				Dia.	O/A length		
PE/150	230, 240, 250	150	BC. B22 or ES. E27	68	125	100	4 3

COLOUR-PHOTOGRAPHY LAMPS

The following lamps operate at a colour temperature of approximately 3,250°K. and have been specially designed for use in connection with colour photography.

List No.	Volts	Watts	Cap	Finish	Dimensions		Average Life (hours)	List Price s. d.
					Dia.	O/L		
CP/1	115, 240	275	BC/ES.	Pearl	mm. 60	mm. 110	5-8	2 9
CP/2	115, 230	500	ES.	Pearl	80	160	15	7 0
CP/3	115	1000	GES.	Pearl	150	300	50	17 6
CP/4	115, 230	1500	GES.	Pearl	150	300	50	25 0
CP/8	115, 230	500	P28	Clear	64	133	25	33 0
CP/11	230, 240, 250	750	P28	Clear	64	133	25	70 0
CP/12	115, 230, 240, 250	2000	Bipost	Clear	152.5	232	100	150 0
CP/13	115, 230	5000	Bipost	Clear	203	335	100	400 0
CP/14	115, 230, 240	10000	Bipost	Clear	300	490 max.	100	760 0

SIEMENS EDISWAN PROJECTOR LAMPS

Recommended Projector Lamps for Filmstrip and Slide Projectors, Epidiascopes and other Optical Apparatus.

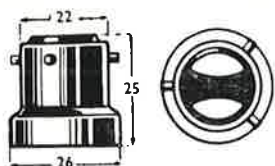
Projector	Model	Volts	Watts	Cap	List No.
Adiescope	Universal	12, 110, 200/250	100	Prefocus P28	AI/4
Agfa	CP 35	200/250	150	SCC. B15s	AI/167
Agfa	CP 66	200/250	150	SCC. B15s	AI/167
Agfa	Diamator S	200/250	150	SCC. B15s	AI/167
Agfa	Diamator S	200/250	300	SCC. B15s	AI/37
Agfa	Karator U	200/250	250	Prefocus P28	AI/5
Agfa	Karator U	200/250	300	Prefocus P28	AI/154
Agfa	Opticus	200/250	150	Prefocus P28	AI/175
Agfa	Opticus 100	200/250	100	SCC B15s	AI/21
Aldis	Aldiscope 500	100/115, 200/250	500	Prefocus P28	AI/8
Aldis	Aldiscope 1000	100/115, 200/250	1000	Prefocus P28	AI/58
Aldis	Aldisette I	100/115, 200/250	150	SCC. B15s	AI/167
Aldis	Aldisette II	100/115, 200/250	150	SCC. B15s	AI/167
Aldis	Aldisette III	100/115, 200/250	300	SCC. B15s	AI/37
Aldis	Super Aldisette	100/115, 200/250	500	SCC. B15s	AI/176
Aldis	Aldislite	100/115, 200/250	100	SCC. B15s	AI/21
Aldis	Aldismatic	100/115, 200/250	500	Prefocus P28	AI/7
Aldis	Automatic	100/115, 200/250	500	VTB	AI/180
Aldis	Automatic De Luxe		300	VTB	AI/178
Aldis	A. 303	100/115, 200/250	300	SCC. B15s	AI/37
Aldis	Belshazzar	100/115, 200/250	500	VTB	AI/178
Aldis	Epidiascope	100/115, 200/250	500	Prefocus P28	AI/8
Aldis	Epivisor 500	100/115, 200/250	500	Prefocus P28	AI/8
Aldis	Epivisor 1000	100/115, 200/250	1000	Prefocus P28	AI/58
Aldis	Minor	12, 100/115, } 200/250	100	Prefocus P28	AI/4
Aldis	Two-fifty	100/115, 200/250	250	Prefocus P28	AI/5
Aldis	Star 300	100/115, 200/250	300	Prefocus P28	AI/6
Aldis	Star 500	100/115, 200/250	500	Prefocus P28	AI/154
Aldis	Star 750	100/115, 200/250	750	Prefocus P28	AI/7
Aldis	5 Star 1000	100/115, 200/250	1000	Prefocus P28	AI/9
Aldis	Super Six/300	100/115, 200/250	300	Prefocus P28	AI/59
Aldis	Super Six/750	100/115, 200/250	750	Prefocus P28	AI/6
Amplion	100	200/250	100	Prefocus P28	AI/154
Argus	100	200/250	100	Prefocus P28	AI/9
Argus	300	200/250	300	SCC. B15s	AI/4
Argus	500 Standard	200/250	500	SCC. B15s	AI/21
Argus	Han-o-matic 300	200/250	300	SCC. B15s	AI/37
Argus	Han-o-matic 500	200/250	500	VTB	AI/180
Aviso	24 x 38 Slide Projector	100/115, 200/250	250	VTB	AI/37
Baker	Epidiascope	200/250	500	Prefocus P28	AI/180
Barnet Ensign	Junior Epidiascope	100/115, 200/250	500	ES. E27	AI/5
Ross				ES. E27	AI/6
Barnet Ensign	Standard Epidiascope	200/250	1000	GES. E40	AI/154
Ross				GES. E40	AI/9
Britex	Micro Projector A, B & C.	6	48	SES. E14	AI/4
Corfield	35 mm. Slide Projector	100/115, 200/250	250	Prefocus P28	AI/21
Corfield	35 mm. Slide Projector	100/115	300	Prefocus P28	AI/37
Corfield	35 mm. Slide Projector	200/250	300	Prefocus P28	AI/180
Corfield	35 mm. Slide Projector	12	100	Prefocus P28	AI/37
Corfield	2 x 2 Projector	100/115, 200/250	250	Prefocus P28	AI/5
Corfield	2 x 2 Projector	200/250	300	Prefocus P28	AI/154
Dufay	Film/Slide	110	100	Prefocus P28	AI/4
Dufay	Film/Slide	110	200	Prefocus P28	AI/13
Dufay	Film/Slide	110	250	Prefocus P28	AI/5

Projector	Model	Volts	Watts	Cap	List No.
Dufay	Film/Slide (Ex. Transformer)	30	100	Prefocus P28	A1/3
Dufay	Film/Slide (Ex. Transformer)	50	200	Prefocus P28	A1/13
Dufay	Film/Slide (Ex. Transformer)	50	250	Prefocus P28	A1/5
E.D.P.	Filmstrip	12, 200/250	100	Prefocus P28	A1/4
E.S.A.	'Amp' Projector	100/115, 200/250	250	Prefocus P28	A1/5
E.S.A.	'Amp' Projector	100/115, 200/250	300	Prefocus P28	{ A1/6 or A1/154
Eduscope	Filmstrip	200/250	250	Prefocus P28	A1/5
Elite	Film/Slide H.J. 250	200/250	100	Prefocus P28	A1/4
Elite	Film/Slide H.J. 250	200/250	250	Prefocus P28	A1/5
Elite	Film/Slide H.J. 300	200/250	100	Prefocus P28	A1/4
Elite	Film/Slide H.J. 300	200/250	250	Prefocus P28	A1/5
Elite	Film/Slide H.J. 300	200/250	300	Prefocus P28	A1/154
Elite	Film/Slide H.J. 500	110	500	Prefocus P28	A1/7
Elite	Film/Slide H.J. 750	110	750	Prefocus P28	A1/9
Elite	Epidiascope	110	750	Prefocus P28	A1/9
Elite	Epidiascope	110	1000	Prefocus P28	A1/59
G. B. Kershaw	Film/Slide	12	100	Prefocus P28	A1/4
G. B. Kershaw	K-250	100/115, 200/250	250	Prefocus P28	A1/5
G. B. Kershaw	K-250	100/115, 200/250	300	Prefocus P28	{ A1/6 or A1/154
G. B. Kershaw	Rotofilm	200/250	250	Prefocus P28	A1/5
G. B. Kershaw	Hi-Lyte 250	200/250	250	Prefocus P28	A1/5
G. B. Kershaw	Hi-Lyte 300	200/250	300	Prefocus P28	A1/154
G. B. Kershaw	Hi-Lyte 750	200/250	750	Prefocus P28	A1/9
G. B. Kershaw	Hi-Lyte 66	200/250	500	Prefocus P28	A1/7
G. B. Kershaw	Hi-Lyte 66	200/250	750	Prefocus P28	A1/9
G. B. Kershaw	Daylight	200/250	750	Prefocus P28	A1/9
Gnome	Film/Slide Projector	200/250	100	Prefocus P28	A1/4
Gnome	Film/Slide Projector	200/250	250	Prefocus P28	A1/5
Gnome	Film/Slide Projector	200/250	300	Prefocus P28	A1/154
Gnome	Companion	200/250	150	SBC. B15d	A1/168
Gnome	Companion Portable	200/250	150	SBC. B15d	A1/168
Gnome	"One Fifty"	200/250	150	SBC. B15d	A1/168
Gnome	Alphax Minor	200/250	150	SBC. B15d	A1/168
Gnome	Alphax	200/250	300	SCC. B15s	A1/37
Gnome	Alphax	200/250	500	SCC. B15s	A1/176
Gnome	Alphax Major, 2 1/4" Square	200/250	300	SCC. B15s	A1/37
Gnome	Alphax Major, 2 1/4" Square	200/250	500	SCC. B15s	A1/176
Gnome	Alphax IV 35 mm.	200/250	300	SCC. B15s	A1/37
Gnome	Alphax IV 35 mm.	200/250	300	VTB	A1/178
Gnome	Alphax IV 35 mm.	200/250	500	SCC. B15s	A1/176
Gnome	Alphax IV 35 mm.	200/250	500	VTB	A1/180
Gnome	Alphax I Baby 35 mm.	200/250	150	SCC. B15s	A1/167
Gnome	Alphax II 35 mm.	200/250	150	SCC. B15s	A1/167
Gnome	Alphax III 35 mm.	200/250	300	SCC. B15s	A1/37
Gnome	Alphax III 35 mm.	200/250	500	SCC. B15s	A1/176
Gnome	Alphax III 35 mm.	200/250	300	VTB	A1/178
Gnome	Alphax III 35 mm.	200/250	500	VTB	A1/180
Haynor	Kinderman	200/250	150	SCC. B15s	A1/167
Haynor	Kinderman	200/250	300	SCC. B15s	A1/37
Haynor	Ortox	200/250	100	SCC. B15s	A1/21
Haynor	Palomar	200/250	100	Prefocus P28	A1/4
Hilger	Spekker Absorptionmeter	12	100	Prefocus P28	A1/4
Hilger	Inspection Enlarger	12	100	ES. E27	F/14
Hilger	Production Projector	12	150	Prefocus P28	A1/104
Hunter	Filmstrip	200/250	100	Prefocus P28	A1/4
Ihagee	Filmslide	100/115, 200/250	100	Prefocus P28	A1/4
Ilford	Portable	200/250	100	SCC. B15s	A1/21
Ikolux	'150'	200/250	150	SCC. B15s	A1/167
Ikolux	'300'	200/250	300	SCC. B15s	A1/37
Johnson	Autoscope I	10	75	SCC.	G/14
Johnson	Autoscope Ia	100	300	Prefocus P28	A1/6
Johnson	Autoscope 3	110	500	Prefocus P28	A1/7
Johnson	Autoscope Publicity	110	500	Prefocus P28	A1/7

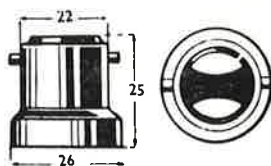
Projector	Model	Volts	Watts	Cap	List No.
Johnson	Braun PA1	200/250	150	SCC. B15s	A1/167
Johnson	Diascope Miniature	100/115, 200/250	100	Prefocus P28	A1/4
Johnson	Diascope Miniature	100/115, 200/260	250	Prefocus P28	A1/5
Johnson	Diascope Standard	100/115, 200/250	100	Prefocus P28	A1/4
Johnson	Diascope Standard	100/115, 200/250	250	Prefocus P28	A1/5
Johnson	Diascope S 2½	100/115, 200/250	100	Prefocus P28	A1/4
Johnson	Episcope Mk II	110, 200/250	500	ES. E27	E/3
Johnson	Fafix	110	50	SCC. B15s	A1/2
Johnson	Fafix II	200/250	100	SCC. B15s	A1/21
Johnson	Fafix 150	200/250	150	SCC. B15s	A1/167
Johnson	Optiscope 12, 12s and 125	100/115, 200/250	250	Prefocus P28	A1/5
Johnson	Optiscope 12, 12s and 125	100/115, 200/250	500	Prefocus P28	A1/8
Johnson	Optiscope 1000	110, 200/250	1000	Prefocus P28	A1/159or A1/58
Johnson	SS35 Enlarger	10	75	SCC. B15s	G/14
Johnson	Super Zett	100/115, 200/250	250	Prefocus P28	A1/5
Johnson	Super Zett	110	500	Prefocus P28	A1/7
Johnson	Zett 66 and 66N	200/250	250	Prefocus P28	A1/5
Johnson	Zett 66 and 66N	200/250	300	Prefocus P28	A1/154
Johnson	Zett 150	200/250	100	SCC. B15s	A1/21
Johnson	Zett 150	200/250	150	SCC. B15s	A1/167
Johnson	Zett 250N	200/250	250	Prefocus P28	A1/5
Johnson	Zett 250N	200/250	300	Prefocus P28	A1/154
Johnson	Zett 250N	200/250	500	Prefocus P28	A1/7
Johnson	Baby Zett	130	100	SCC. B15s	A1/21
Kodak	Highlux II	100	200	SCC. B15s	A1/26
Kodak	Highlux III	100/115	300	SCC. B15s	A1/37
Kodak	Kodaslide, Model A	100/115, 200/250	250	Prefocus P28	A1/5
Kodak	Kodaslide, Model A	110	200	Prefocus P28	A1/13
Kodak	Kodaslide, Model 1-2	100/115	100	SCC. B15s	A1/21
Kodak	Kodaslide, Model 5	100/115, 200/250	250	Prefocus P28	A1/5
Kodak	Kodaslide, Model 5	100/115	300	Prefocus P28	A1/6
Kodak	Kodaslide, Model 5	200/250	300	Prefocus P28	A1/154
Kodak	Kodaslide, Home Projector	200/250	150	SCC. B15s	A1/167
Kodak	Merit	100/115	100	SCC. B15s	A1/21
Kodak	Master Model	100/115	300	Prefocus P28	A1/6
Kodak	Master Model	100/115	400	Prefocus P28	A1/39
Kodak	Master Model	100/115	500	Prefocus P28	A1/7
Kodak	Master Model	100/115	750	Prefocus P28	A1/9
Kodak	Master Model	100/115	1000	Prefocus P28	A1/59
Kodak	Retina	{ 12, 100/115, 200/250 }	100	Prefocus P28	A1/4
Kodak	Retina	100/115, 200/250	250	Prefocus P28	A1/5
Kodak	Retina	100/115, 200/250	300	Prefocus P28	A1/6or A1/154
Kodak	Spotlight	100/115, 200/250	500	ES. E27	A1/42
Kodak	Spotlight	110, 200/250	500	ES. E27	E/3
Laux-Du-Kane	{ Automatic Sound Filmstrip Projector	200/250	300	SCC. B15s	A1/37
Leech	' 300 ' Film Slide	200/250	300	Prefocus P28	A1/154
Leech	' 750 ' Film Slide	200/250	750	Prefocus P28	A1/9
Leech	Enbeeco Profile	200/250	100	Prefocus P28	A1/4
Leech	Micro Projector	115	100	SBC. B15d	A1/121
Leitz	VIII Prado	115, 200/250	150	Prefocus P28	A1/175
Leitz	VIII Prado	115, 200/250	100	Prefocus P28	A1/4
Leitz	VIII S	100/115, 200/250	100	Prefocus P28	A1/4
Leitz	VIII S	100/115, 200/250	250	Prefocus P28	A1/5
Leitz	Epidiascope	110	500	ES. E27	E/3
Leitz	Prado S	200/250	150	Prefocus P28	A1/175
Leitz	Prado S with Blower	200/250	250	Prefocus P28	A1/5
Leitz	Prado S with Blower	200/250	300	Prefocus P28	A1/154
M.P.P.	Film/Slide	200/250	100	Prefocus P28	A1/4
Neoken	De Luxe	100/115, 200/250	100	Prefocus P28	A1/4
Neoken	De Luxe	100/115, 200/250	250	Prefocus P28	A1/5
Neoken	Fireside	100/115, 200/250	100	Prefocus P28	A1/4
Neoken	Universal	100/115, 200/250	100	Prefocus P28	A1/4

Projector	Model	Volts	Watts	Cap	List No.
Neoken	Universal	100/115, 200/250	250	Prefocus P28	A1/5
Newton	Adaptable Diascope	100/115, 200/250	500	Prefocus P28	A1/8
Newton	Diascope D	100/115, 200/250	500	Prefocus P28	A1/8
Newton	Diascope FS1/500	12	24	SES. E14	F/11
Newton	Diascope FS2/1000	50	250	Prefocus P28	A1/5
Newton	Epidiascope NA	100/115, 200/250	500	Prefocus P28	E/1
Newton	Epidiascope NA	100/115, 200/250	750	Prefocus P28	A1/9
Newton	Epidiascope W.F. 50	100/115, 200/250	500	Prefocus P28	A1/8
Newton	Epidiascope W.G. 50	100/115, 200/250	500	Prefocus P28	A1/8
Newton	Hand Episcopes	110	500	Prefocus P28	A1/7
Newton	Hand Episcopes	100/115, 200/260	500	Prefocus P28	A1/8
Newton	Institution Diascope 2	30	900	GES. E40	A1/111
Newton	Lightmaster	100/115, 200/250	250	Prefocus P28	A1/5
Newton	Lightmaster	200/250	300	Prefocus P28	A1/154
Newton	Profile Projector	12	100	ES. E27	F/14
Newton	Projection Microscope I	100	100	SBC. B15d	A1/121
Newton	Projection Microscope II	100	200	SBC. B15d	A1/25
Newton	Rotavisor	110	500	Prefocus P28	A1/7
Newton	Wigmore Junior	100/115, 200/250	250	Prefocus P28	A1/5
Noris	Junior Filmslide	200/250	150	SCC. B15s	A1/167
Noris	Airflow 300	200/250	300	SCC. B15s	A1/37
Noris	Companion	200/250	150	SCC. B15s	A1/167
Noris	'66'	200/250	150	SCC. B15s	A1/167
Noris	Norimat	200/250	150	SCC. B15s	A1/167
Photax	Diatom Stereo	100/115, 200/250	100	Prefocus P28	A1/4
Photo-Science	Minox	200/250	100	SCC. B15s	A1/21
Pullin	Paximat S Electric	200/250	300	SCC. B15s	A1/37
Pullin	Paximat Semi-Automatic	200/250	300	SCC. B15s	A1/37
Pullin	PP I	100/115, 200/250	100	Prefocus P28	A1/4
Pullin	PP I	100/115, 200/250	250	Prefocus P28	A1/5
Pullin	PP II	12	100	Prefocus P28	A1/4
Pullin	PP IIA	100/115, 200/250	250	Prefocus P28	A1/5
Pullin	PP IIA	115	500	Prefocus P28	A1/7
Pullin	PP III	100/115, 200/250	250	Prefocus P28	A1/5
Pullin	PP III	115	500	Prefocus P28	A1/7
Rank Precision Industries	Vistavu	12, 200/250	100	SCC. B15s	A1/21
"	Hi-Lyte 300	200/250	300	Prefocus P28	A1/154
"	Hi-Lyte 500	200/250	500	Prefocus P28	A1/7
"	Hi-Lyte 750	200/250	750	Prefocus P28	A1/9
Raymaster	Film/Slide	200/250	100	Prefocus P28	A1/4
Ross Ensign Ltd.	Junior Epidiascope	100/115, 200/250	500	ES. E27	A1/42
Ross Ensign Ltd.	Standard Epidiascope	200/250	1000	GES. E40	A1/57
Savage & Parsons	Eduscope	200/250	250	Prefocus P28	A1/5
Savage & Parsons	T 250	115	250	Prefocus P28	A1/5
Savage & Parsons	Super 500	110	500	Prefocus P28	A1/7
Silbor	EKA 185	200/250	100	SCC. B15s	A1/21
Silbor	EKA 186	200/250	150	SCC. B15s	A1/167
Silbor	P. 150	200/250	150	SCC. B15s	A1/167
Silbor	Liesegang Fanti	200/250	150	SCC. B15s	A1/167
Silbor	Liesegang Fanti Automatic	200/250	150	SCC. B15s	A1/167
Silbor	Liesegang Fantax 'V'	200/250	300	SCC. B15s	A1/37
Silbor	Liesegang Fantax-Automatic	200/250	300	SCC. B15s	A1/37
Specto	Colorslide 150	200/250	150	VTB	A1/182
Specto	Colorslide 300	200/250	300	VTB	A1/178
Watson	Film/Slide	100/115, 200/250	100	Prefocus P28	A1/4
Watson	Regulite Microscope	6	30	ES. E27	F/25
Watson	School Micro Projector	6	24	SES. E14	F/10
Watson Manasty	Skolascope	10	75	SCC. B15s	G/14
Zeiss	Aviso 24 x 38 FS	100/115, 200/250	250	Prefocus P28	A1/5
Zeiss	Ikolux 150	200/250	150	SCC. B15s	A1/167
Zeiss	Ikolux 300	200/250	300	SCC. B15s	A1/37
Zeiss	Ikolux 500	200/250	500	Prefocus P28	A1/7

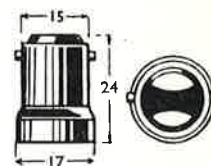
CAPS APPROXIMATE DIMENSIONS IN MILLIMETRES



B22/25 x 26 (3-pin)



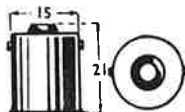
B22/25 x 26



B15d/24 x 17



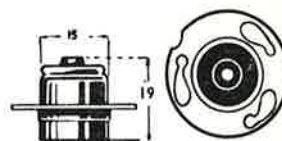
B15d/17



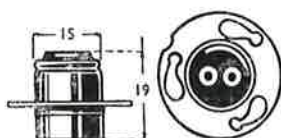
B15s/21



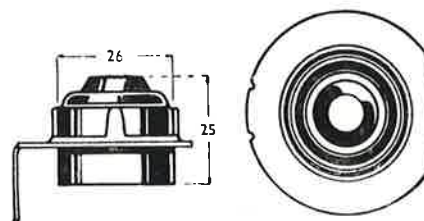
B15s/17



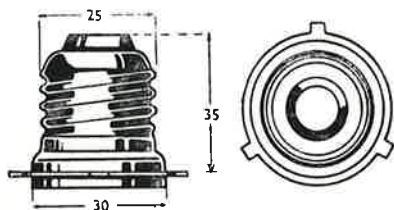
P15s/19



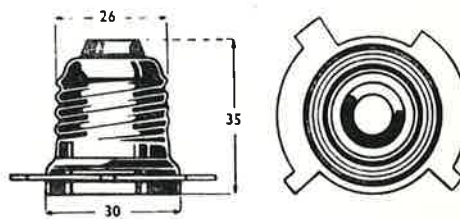
P15d/19



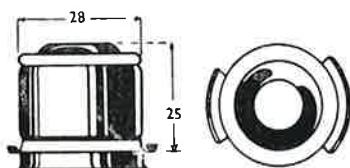
BELL & HOWELL
S26s/25 B & H



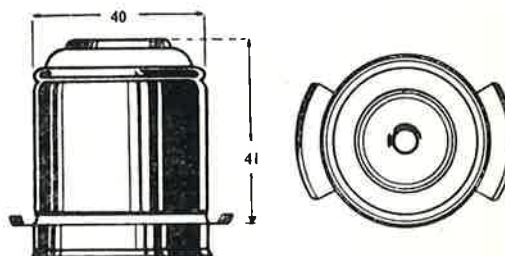
No. 1 PATHÉ E 27/35 x 30 Small Pathé lug



No. 3 PATHÉ E27/35 x 30 Large Pathé lug



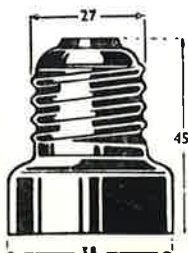
P28/25



P40/41



E40/45



E27/45 x 38



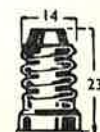
E27/35 x 30



E27/25



E27/30



E14/23 x 15

PROJECTOR LAMPS

Recommended for Cine Projectors.

Projector	Film size mm.	Model	Volts	Watts	Cap	List No.
Ace	9.5 or 16	Ace Specto Standard	110	200	Prefocus P28	A1/13
Ace	9.5 or 16	Ace Specto Educational	50	250	Prefocus P28	A1/5
Agfa	16	Movector 'Billy'	100/115	100	SCC. B15s	A1/21
Agfa	8	Movector	100	200	SCC. B15s	A1/26
Agfa	8	Movector E8	12	100	SCC. B15s	A1/186
Agfa	8	Movex 8	12	100	SCC. B15s	A1/186
Agfa	16	SS. 50	100	100	SCC. B15s	A1/21
Agfa	16	SS. 100	100	200	SCC. B15s	A1/26
Agfa	16	Record	110	50	SCC. B15s	A1/2
Agfa	16	A. AS	30	100	Prefocus P28	A1/3
Agfa	16	AL	50	250	Prefocus P28	A1/5
Amplion	8	Weimor 3	12	100	SCC. B15s	A1/186
Ampro	8	A.8	110	500	Prefocus P28	A1/7
Ampro	16	J, JD, and JS	100, 115	500	Prefocus P28	A1/7
Ampro	16	K, KD, and KS	110, 115	500	Prefocus P28	A1/7
Ampro	16	K, KD, and KS	110, 115	750	Prefocus P28	A1/9
Ampro	16	YC	110, 115	500	Prefocus P28	A1/7
Ampro	16	YC	110, 115	750	Prefocus P28	A1/9
Ampro	16	YC	110, 115	1000	Prefocus P28	A1/59
Ampro	16	Imperial	110, 115	750	Prefocus P28	A1/9
Ampro	16	Amprosound M	110, 115	500	Prefocus P28	A1/7
Ampro	16	Amprosound N, L & U	110, 115	500	Prefocus P28	A1/7
Ampro	16	Amprosound N, L & U	110, 115	750	Prefocus P28	A1/9
Ampro	16	Amprosound UA & UAB	110, 115	500	Prefocus P28	A1/7
Ampro	16	Amprosound UA & UAB	110, 115	750	Prefocus P28	A1/9
Ampro	16	Amprosound	110, 115	500	Prefocus P28	A1/7
Ampro	16	XA, Y, YA & YSA	110, 115	750	Prefocus P28	A1/9
Ampro	16	Amprosound	110, 115	1000	Prefocus P28	A1/59
Ampro	16	XA, Y, YA & YSA	110, 115	750	Prefocus P28	A1/9
Ampro	16	Premier 20	110, 115	1000	Prefocus P28	A1/59
Ampro	16	Repeater	110, 115	500	Prefocus P28	A1/7
Ampro	16	Repeater	110, 115	750	Prefocus P28	A1/9
Ampro	16	Stylist	110, 115	750	Prefocus P28	A1/9
Autocrat	16	One	50	250	Prefocus P28	A1/15
Bauer	8	Pontalux T10L, T10S	12	100	SCC. B15s	A1/186
Bell & Howell	16	57A, 57B, 57C, 57D, 57E	50	250	BH.38	A1/85
Bell & Howell	16	57F, 57G, & 57H	50	250	BH.38	A1/85
Bell & Howell	16	57M & 57N	110	300	BH.46	A1/86
Bell & Howell	16	57J & 57JL	110	400	BH.38	A1/87
Bell & Howell	16	57JS	100, 110	750	BH.46	A1/53
Bell & Howell	16	57LS	110	750	BH.46	A1/53
Bell & Howell	16	57JJ	110	750	BH.46	A1/53
Bell & Howell	16	57R & 57S	110	500	BH.38	A1/47
Bell & Howell	16	57RT & 57ST	110	750	BH.46	A1/53
Bell & Howell	16	57RU & 57SU	110	750	BH.46	A1/53
Bell & Howell	16	129A & 129C	110	750	BH.46	A1/53
Bell & Howell	16	129B, 129D & 129E	100	750	BH.46	A1/53
Bell & Howell	16	130A, 130B, 130C, 130D, 130E, 130F, 130G	100	1000	BH.46	A1/92
Bell & Howell	8	122B	110	400	BH.38	A1/87
Bell & Howell	16	Filmomaster	110	750	BH.46	A1/53
Bell & Howell	16	Vocational	110	500	BH.38	A1/47
Bell & Howell	16	Diplomat	110	750	BH.46	A1/53
Bell & Howell	16	Showmaster	100	750	BH.46	A1/53
Bell & Howell	16	Auditorium	100	1000	BH.46	A1/92
Bell & Howell	16	Filmosound 138	110	750	BH.46	A1/53
Bell & Howell	16	Filmosound 120A, 120B & 120C.	110	500	BH.46	A1/160
Bell & Howell	16	Filmosound 120D & 120K.	110	750	BH.46	A1/53
Bell & Howell	16	Filmosound 130	100	1000	BH.46	A1/92

Projector	Film size mm.	Model	Volts	Watts	Cap	List No.
Bell & Howell	16	Filmosound Commercial	110	750	BH.46	A1/53
Bell & Howell	16	Filmosound Academy	110	750	BH.46	A1/53
Bell & Howell	16	Filmosound Utility	110	750	BH.46	A1/53
Bell & Howell	16	Filmosound Victory	110	750	BH.46	A1/53
Bell & Howell	16	Filmosound Master	110	750	BH.46	A1/53
Bell & Howell	16	Filmosound Auditorium	100	1000	BH.46	A1/92
Bell & Howell	16	156	110	750	BH.46	A1/53
Bell & Howell	16	156	110	1000	BH.46	A1/91
Bell & Howell	16	179	110	750	BH.46	A1/53
Bell & Howell	16	179	110	1000	BH.46	A1/91
B.T.H.	16	SR. Form B	110	300	Prefocus P28	A1/6
B.T.H.	16	301	115	750	Prefocus P28	A1/9
Carpenter	16	—	110	750	Prefocus P28	A1/9
Carpenter	16	—	110	1000	Prefocus P28	A1/59
Coronet	9.5	I	40	15	SCC. B15s	A1/73
Coronet	9.5	II	40	15	SCC. B15s	A1/73
Coronet	9.5	IIA	115	50	SCC. B15s	A1/2
Danson	16	D23	115	300	Prefocus P28	A1/6
Danson	16	D23A	115	500	Prefocus P28	A1/7
Danson	16	D23A	115	750	Prefocus P28	A1/9
Danson	16	540	115	500	Prefocus P28	A1/7
Danson	16	540	115	750	Prefocus P28	A1/9
Debie	16	D.16 Professional	110	750	ES.3 fin E.27	A1/52
Debie	16	D.16 Silent	115	500	ES.3 fin E.27	A1/153
Debie	16	D.16 Silent	110	750	ES.3 fin E.27	A1/52
Debie	16	D.16 6 watt	115	500	ES.3 fin E.27	A1/153
Debie	16	D.16 6 watt	110	750	ES.3 fin E.27	A1/52
Debie	16	D.16 12 watt	115	500	ES.3 fin E.27	A1/153
Debie	16	D.16 12 watt	110	750	ES.3 fin E.27	A1/52
Debie	16	D.16 Essex	115	500	ES.3 fin E.27	A1/153
Debie	16	D.16 Essex	110	750	ES.3 fin E.27	A1/52
Debie	16	D.16 20 watt	115	500	ES.3 fin E.27	A1/153
Debie	16	D.16 20 watt	110	750	ES.3 fin E.27	A1/52
De Vry	16	CS and SS Sound	110	500	Prefocus P28	A1/7
De Vry	16	CS and SS Sound	110	750	Prefocus P28	A1/9
De Vry	16	CS and SS Sound	110	1000	Prefocus P28	A1/59
De Vry	16	D	50	250	Prefocus P28	A1/5
Dekko	8	118A and 118B	110	500	Prefocus P28	A1/7
Dekko	9.5	119A and 119B	110	500	Prefocus P28	A1/7
Dekko	8	118C	110	750	Prefocus P28	A1/9
Dekko	9.5	48	115	50	SCC. B15s	A1/2
Dekko	16	126A and 126B	110	500	Prefocus P28	A1/7
Dekko	16	126C and 119C	110	750	Prefocus P28	A1/9
Ditmar	8-9.5	Duo	200/250	250	Prefocus P28	A1/5
Ditmar	8-9.5	Duo	110	500	Prefocus P28	A1/7
Ditmar	9.5-16	Duo	110	250	Prefocus P28	A1/5
Ditmar	9.5-16	Duo	110	300	Prefocus P28	A1/6
Ditmar	9.5-16	Duo	210/250	300	Prefocus P28	A1/154
Ditmar	8-16	Duo 2960	110, 115	750	Prefocus P28	A1/9
Durnos	16	L	110, 115	750	Prefocus P28	A1/9
Durnos	16	L	110, 115	1000	Prefocus P28	A1/59
Ensign	16	100 B	110	100	Prefocus P28	A1/4
Ensign	16	300 B	110	300	Prefocus P28	A1/6
Ensign	16	Super-Sixteen	50	200	ES. E27	A1/12
Ensign	16	Super-Sixteen	50	250	ES. E27	A1/14
Eumig	8, 9.5, 16	PIII	115	250	Prefocus P28	A1/5
Eumig	8, 9.5, 16	PIII	200/250	250	Prefocus P28	A1/5
Eumig	8, 9.5, 16	PIII	100	300	Prefocus P28	A1/6
Eumig	8, 9.5, 16	Super	200/250	250	Prefocus P28	A1/5
Eumig	8, 9.5, 16	Super	110	400	Prefocus P28	A1/39
Eumig	8	P8, P8 Imperial	12	100	SCC. B15s	A1/186
Eumig	8	P8 M	12	100	BA. 21s	A1/193
G. B. Bell & Howell	16	601, 601 Compact, 630	110	750	BH.46	A1/53
"	16	601, 601 Compact, 630	110	1000	BH.46	A1/91
"	16	602	110	750	BH.46	A1/53
"	8	606 (Screenmaster)	110	400	BH.38	A1/87
"	16	613	110	750	BH.46	A1/53
"	16	621, 621 Compact, 622 Compact	110	750	BH.46	A1/53
"	16	613H	200/250	750	BH.46	A1/53

Projector	Film size mm.	Model	Volts	Watts	Cap	List No.
G. B. Bell & Howell	16	626	200/250	750	BH.46	A1/53
Gebescope	16	A	50	200	Prefocus P28	A1/13
Gebescope	16	A	50	250	Prefocus P28	A1/5
Gebescope	16	B	50	200	Prefocus P28	A1/13
Gebescope	16	B	50	250	Prefocus P28	A1/5
Gebescope	16	C	50	250	Prefocus P28	A1/5
Gebescope	16	K516	100	200	BC. 3 pin B22	A1/80
Gebescope	16	L516	110	500	BC. 3 pin B22	A1/46
Gebescope	16	H16	110	750	BH.46	A1/53
Gebescope	16	L16	110	200	Prefocus P28	A1/13
Gebescope	16	F.16 Silent	115	500	Prefocus P28	A1/7
G.B.	35	N Portable	110	1000	GES. E40	A1/57
Holmes	16	Sound	110/115	500	Prefocus P28	A1/7
Holmes	16	Sound	110/115	750	Prefocus P28	A1/9
Holmes	16	Sound	110	1000	Prefocus P28	A1/59
Holmes	35	Portable	110	1000	Large	
Keystone	16	A72	110	300	Prefocus P40	A1/11
Keystone	16	A75	110	500	Prefocus P28	A1/6
Keystone	16	A81	110	750	Prefocus P28	A1/7
Keystone	8	L8	110	300	Prefocus P28	A1/9
Keystone	8	L8	110	500	Prefocus P28	A1/6
Keystone	8	J8	110	300	Prefocus P28	A1/7
Keystone	8	J8	110	300	Prefocus P28	A1/6
Kodak	16	A	50	200	ES. E27	A1/12
Kodak	16	A	50	200	Prefocus P28	A1/13
Kodak	16	A	50	250	Prefocus P28	A1/5
Kodak	16	B Self Thread	50	200	Prefocus P28	A1/13
Kodak	16	B Self Thread	50	250	Prefocus P28	A1/5
Kodak	16	C (Business Kodascope)	{ 100, 110 }	100	Prefocus P28	A1/4
Kodak	16	C (Business Kodascope)	115	300	Prefocus P28	A1/6
Kodak	16	D	100	300	Prefocus P28	A1/6
Kodak	16	E	100	300	Prefocus P28	A1/6
Kodak	16	EE	100	300	Prefocus P28	A1/6
Kodak	16	G	110	300	Prefocus P28	A1/6
Kodak	16	G	110	500	Prefocus P28	A1/7
Kodak	16	G	110	750	Prefocus P28	A1/9
Kodak	16	GA	110	300	Prefocus P28	A1/6
Kodak	16	GA	110	500	Prefocus P28	A1/7
Kodak	16	GA	110	750	Prefocus P28	A1/9
Kodak	16	K	50	250	Prefocus P28	A1/5
Kodak	16	K	110	500	Prefocus P28	A1/7
Kodak	16	K	100	300	Prefocus P28	A1/6
Kodak	16	K	110	750	Prefocus P28	A1/9
Kodak	16	L	100	300	Prefocus P28	A1/6
Kodak	16	L	110	500	Prefocus P28	A1/7
Kodak	16	L	110	750	Prefocus P28	A1/9
Kodak	8	8/20 Universal	110	50	SCC. B15s	A1/2
Kodak	8	8/30	100	100	SCC. B15s	A1/21
Kodak	8	8/33	110	300	Prefocus P28	A1/6
Kodak	8	8/33	110	400	Prefocus P28	A1/39
Kodak	8	8/33	110	500	Prefocus P28	A1/7
Kodak	8	8/35 Home	100	200	SCC. B15s	A1/26
Kodak	8	8/40 Home de Luxe	100	200	SCC. B15s	A1/26
Kodak	8	8/50R	110	200	Prefocus P28	A1/13
Kodak	8	8/70	100	300	Prefocus P28	A1/6
Kodak	8	8/71	110	300	Prefocus P28	A1/6
Kodak	8	8/71	110	400	Prefocus P28	A1/39
Kodak	8	8/71	110	500	Prefocus P28	A1/7
Kodak	8	8/71	110	750	Prefocus P28	A1/9
Kodak	8	8/71	110	1000	Prefocus P28	A1/59
Kodak	8	8/80	100	300	Prefocus P28	A1/6
Kodak	16	{ 16/10 16/10R 16/20 }	115	{ 400 500 750 1000 }	Prefocus P28 {	A1/39 A1/7 A1/9 A1/59
Kodak	8	Kodatoy	115	50	SCC. B15s	A1/2
Leech	16	Viking	200/250	{ 500 750 }	Prefocus P28 Prefocus P28	A1/7 A1/9

Projector	Film size mm.	Model	Volts	Watts	Cap	List No.
Meopta	8	OP 8	12	100	SCC. B15s	A1/186
Micron	16	XXV	{ 110/115, 200/250 }	750	Prefocus P28	A1/9
Noris	8	Super 100	12	100	SCC. B15s	A1/186
Paillard-Bolex	16	P	110	250	Prefocus P28	A1/5
Paillard-Bolex	16	PA	110	250	Prefocus P28	A1/5
Paillard-Bolex	16	D	110	250	Prefocus P28	A1/5
Paillard-Bolex	16	D	110	400	Prefocus P28	A1/39
Paillard-Bolex	16	DA	110	400	Prefocus P28	A1/39
Paillard-Bolex	16	GEHOH	110	500	Prefocus P28	A1/7
Paillard-Bolex	16	G816 DUHOH	110	500	Prefocus P28	A1/7
Paillard-Bolex	16	G3 TRIOH	110	500	Prefocus P28	A1/7
Paillard-Bolex	16	GESBA	110	500	Prefocus P28	A1/7
Paillard-Bolex	16	DUS BA	110	500	Prefocus P28	A1/7
Paillard-Bolex	16	TRUBA	110	500	Prefocus P28	A1/7
Paillard-Bolex	16	GETRA	110	750	Prefocus P28	A1/9
Paillard-Bolex	16	DUTRA	110	750	Prefocus P28	A1/9
Paillard-Bolex	16	TRIRA	110	750	Prefocus P28	A1/9
Paillard-Bolex	8	M/8	110	500	Prefocus P28	A1/7
Paillard-Bolex	8	M/8R	110	500	Prefocus P28	A1/7
Pathescope	9.5	200B	110	200	Pathe	A1/81
Pathescope	9.5	200 Plus	110	200	Pathe	A1/81
Pathescope	9.5	Vox	15	200	Pathe	A1/105
Pathescope	9.5	Super Vox	31	400	Pathe	A1/108
R.C.A.	16	PB29, PG38	110	100	SCC. B15s	A1/21
R.C.A.	16	PB80, PG60	110	400	Prefocus P28	A1/39
R.C.A.	16	PB80, PG60	110	500	Prefocus P28	A1/7
R.C.A.	16	PG139, PG71	110	750	Prefocus P28	A1/9
Ross	35	Portable	115	250	ES. E27	A1/14
Siemens	16	Standard Model II	50	250	Prefocus P28	A1/15
Siemens	Dual	Sixteen-Nine	50	250	Prefocus P28	A1/15
Siemens	8	H8	50	250	Prefocus P28	A1/15
S.P.	—	Standard, Wundatone	110	300	Prefocus P28	A1/6
Sofil	16	Minor	50	200	SCC. B15s	A1/151
Sofil	16	De Luxe	50	200	SCC. B15s	A1/151
Sound Services	16	Talkiestrip	200/250	250	Prefocus P28	A1/5
Sound Services	16	Brook	115	750	Prefocus P28	A1/9
Sound Services	16	Brooklet	115	750	Prefocus P28	A1/9
Specto	8	Standard	110	200	Prefocus P28	A1/13
Specto	9.5	Standard	30	100	Prefocus P28	A1/3
Specto	16	Standard	30	100	Prefocus P28	A1/3
Specto	8-16	Dual	30	100	Prefocus P28	A1/3
Specto	8-9.5	Dual	30	100	Prefocus P28	A1/3
Specto	9.5-16	Dual	30	100	Prefocus P28	A1/3
Specto	9.5	Educational A.C.	50	250	Prefocus P28	A1/15
Specto	9.5	Educational A.C./D.C.	115	250	Prefocus P28	A1/5
Specto	16	Educational A.C.	50	250	Prefocus P28	A1/15
Specto	16	Educational A.C./D.C.	115	250	Prefocus P28	A1/5
Specto	9.5-16	Educational Dual A.C.	50	250	Prefocus P28	A1/15
Specto	9.5-16	Educational Dual A.C./D.C.	115	250	Prefocus P28	A1/5
Specto	16	Analysing	50	250	Prefocus P28	A1/15
Specto	9.5	500	115	500	Prefocus P28	A1/7
Specto	16	500	115	500	Prefocus P28	A1/7
Specto	9.5-16	500 Dual	115	500	Prefocus P28	A1/7
Specto	8	500	115	500	Prefocus P28	A1/7
Specto	16	Spectone	115	500	ES. 3 fin E27	A1/153
Victor	16	Silent	115	500	Prefocus P28	A1/7
Victor	16	Silent	115	750	Prefocus P28	A1/9
Victor	16	24B Animatophone	110	1000	Prefocus P28	A1/59
Victor	16	24B Animatophone	110	750	Prefocus P28	A1/9
Victor	16	25 A.C. Animatophone	110	1000	Prefocus P28	A1/59
Victor	16	25 A.C. Animatophone	110	750	Prefocus P28	A1/9
Victor	16	26 Animatophone	115	500	Prefocus P28	A1/7
Victor	16	Grey Line	110	750	Prefocus P28	A1/9
Victor	16	Grey Line	110	1000	Prefocus P28	A1/59
Zeiss Ikon	16	Kinox	50	200	Prefocus P28	A1/13
Zeiss Ikon	16	Kinox	110	500	Prefocus P28	A1/7
Zeiss Ikon	8	Movilux 8	110	300	SCC. B15s	A1/37

How to ensure maximum service from Siemens Ediswan projector lamps

OPERATING PRECAUTIONS

- (a) Use only the recommended type of lamp and ensure that any manufacturers instructions on setting up the equipment and adjustment of lamp are complied with fully.
- (b) Ensure that there is a continuous flow of air past the lamp and that, where fitted, the forced cooling system is operating satisfactorily.
- (c) Do not operate the projector unless all mechanism is in correct working order and running smoothly :—the lamp filament is easily affected by vibration owing to its high operating temperature.
- (d) The lamp should not be removed from the equipment whilst still hot. When in operation, care should be taken to ensure that the projector is not moved more than is necessary to align or centre the picture. Lamps should, at all times, be handled with care to avoid knocks or excessive vibration.

Siemens Ediswan Projector Lamps are manufactured to high standards of precision and are designed to operate at maximum efficiency only at their rated voltage.

It is therefore important to use only a lamp rated at your local supply voltage. Excessive voltage will increase light output but will cause a reduction in lamp life.

Siemens Ediswan Projector Lamps are designed at their rated voltage for switching direct from the mains without the use of any surge limitation device.

Some users may wish to reduce the amplitude of the heavy current surge which takes place when the lamp is switched on from cold and, if this is desired, a suitable series resistor can be incorporated in the circuit.

The value of a resistor to limit the surge to approximately three times the normal operating current (a reasonable figure) may be calculated from the following formula:

$$R = \frac{V^2}{3W}$$

R—Resistor value in ohms
V—Supply or transformer output voltage
W—Lamp Wattage

Note.—Within a very brief time of switching on the resistor may be short circuited.



F 522/3



C 500

F 5261/4



T 2006



T 7029

QUALITY FITTINGS FOR EVERY REQUIREMENT

Only a small selection can be illustrated from our very wide range of "design-wise" fittings, tailored to meet every lighting requirement. Quality is the keynote of Siemens Ediswan Fittings . . . quality, that means that little extra refinement in functional design, in choice of materials and in shrewd workmanship. More than that—Siemens Edison Swan maintain a comprehensive Advisory Service which is available for consultation on all aspects of industrial and commercial lighting.

A Selection from our Range of Fittings and Lamps

Full details supplied on application



SIERAY DUAL DISCHARGE LAMP



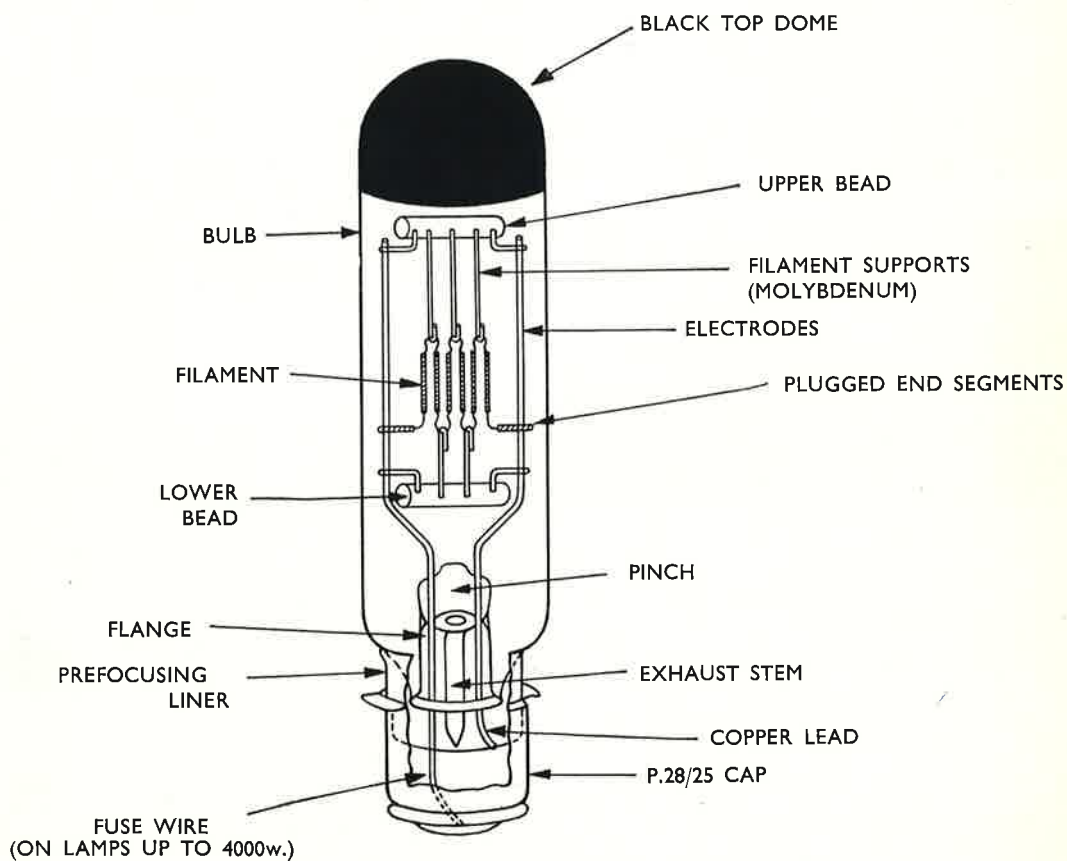
SILVALUX LAMP



**BRITISH PRE-FOCUS
HEADLAMP**

The above lamps are typical of those shown in our Catalogue PD11/L51 containing:—General Service Lamps, Automobile Transport & Battery Lamps and Discharge Lamps.

Manufacturer's Terminology for the various parts of a Projector Lamp



TERMS AND CONDITIONS

Resale

SIEMENS EDISWAN ELECTRIC LAMPS must be retailed at the list prices only as set forth in this Catalogue. Acceptance of SIEMENS EDISWAN LAMPS from any source of supply will constitute an acceptance of this condition.

Packing and Delivery

Any number of Lamps will be packed and delivered free.

Sound Delivery

is guaranteed. Lamps broken in transit from our stores to customers' premises are credited or replaced at our option, if advised and returned to us carriage paid within seven days of despatch. Our package and despatch note numbers with dates to be given. No responsibility is accepted for the safe custody of lamps returned.

Special Lamps

Prices for SIEMENS EDISWAN ELECTRIC LAMPS of types and ratings other than those included in these Catalogues will be furnished on application.

Constructional Details

We reserve the right to introduce alterations in constructional details without previous notice.

Every care is taken to ensure the correct execution of orders, but the Company cannot entertain claims arising in respect of matters outside its control, or for consequential damages.

Orders accepted are subject to our Standard Terms and Conditions of Sale. Prices apply in Great Britain and Northern Ireland.

Associated Electrical Industries Limited

Radio and Electronic Components Division
LAMP AND LIGHTING DEPT.

38 & 39 UPPER THAMES STREET, LONDON, E.C.4

Telephone: CENTRAL 2332 (20 lines)

Telegrams: "SIESWAN, CENT, LONDON"

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127, George Street, Edinburgh
Tel.: Caledonian 6566/7

GLASGOW

167, St. Vincent Street, Glasgow, C.2
Tel.: Central 0687/8/9

HULL

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Tel.: Temple Bar 8040

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9, Market Buildings, Maidstone
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Lloyds House, Albert Square, Manchester
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NOTTINGHAM

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PLYMOUTH

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161/3 Cardiff Road, Reading Tel.: Reading 55030, 54704

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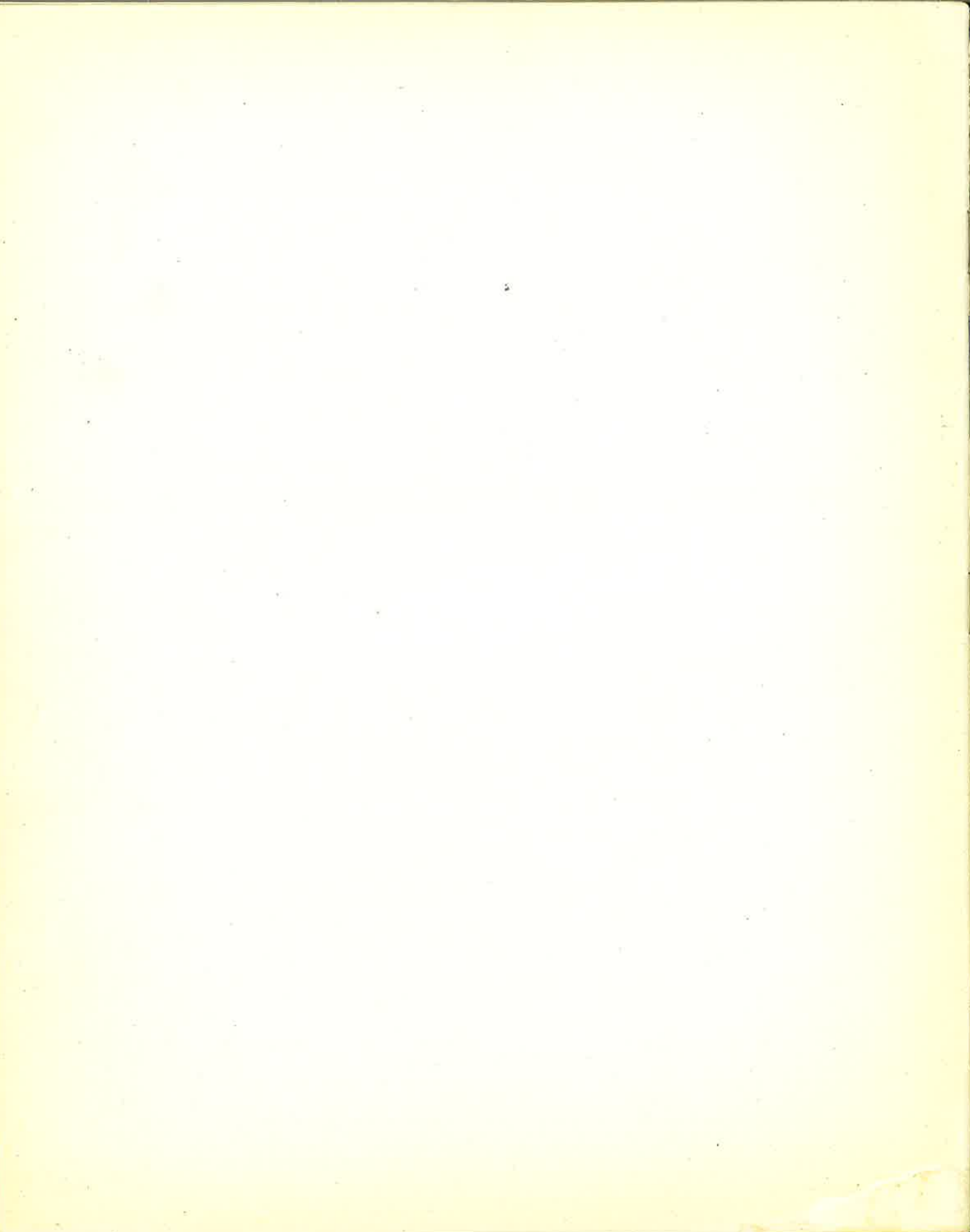
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