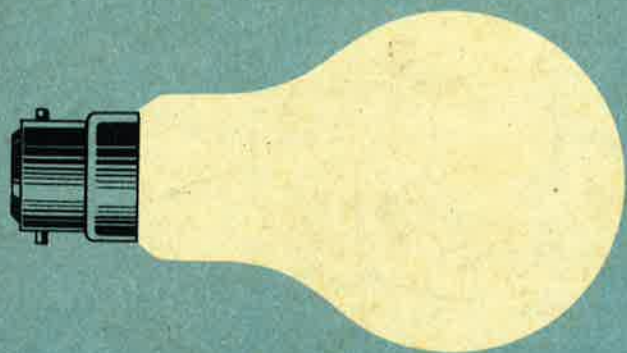




SIEMENS

LAMP CATALOGUES

1



SIEMENS

General Service Lamps
& Fluorescent Tubes

2



SIEMENS

Projector Lamps

3



SIEMENS

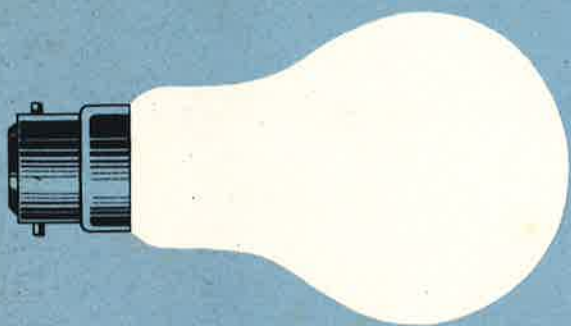
Automobile &
Transport Lamps

4



SIEMENS

Discharge &
Fluorescent Lamps



SIEMENS

**GENERAL SERVICE LAMPS
& FLUORESCENT TUBES**

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All lamps are Group I except where otherwise stated.

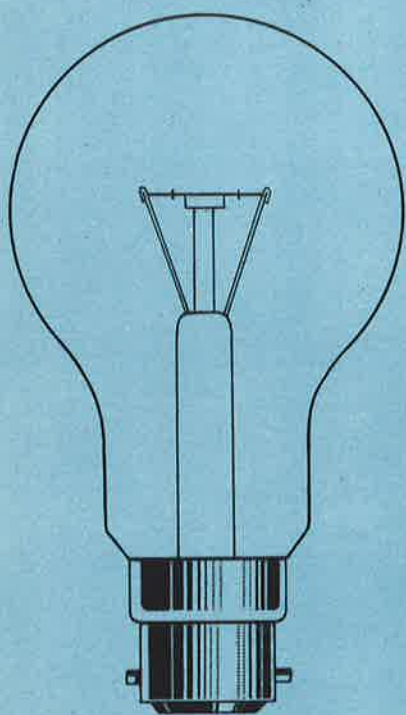
THERE'S MORE IN A LAMP THAN MEETS THE EYE . . .

Look through the pages of this catalogue and you'll immediately see the reason why. Every Siemens lamp is made to the rigorous specifications of the British Standards Institution. Each lamp will do all that's claimed for it and more besides. You can stake your reputation on that. And what is even more important to *you*: Siemens give all round, honest-to-goodness service. After all, Siemens have not been pioneers and leaders in the electrical industry for almost 100 years without knowing a thing or two about manufacturing *and* selling ! Unusually large stocks of all types of lamps are deliberately maintained at Siemens branches all over the country. You can be sure that what you order, you'll get—and promptly too.

SIEMENS ADVISORY SERVICE

Call in Siemens on any lighting problem when you feel outside help would be an advantage. The services of a Siemens lighting engineer will be gladly placed at your disposal.

MAKE LIGHT OF IT WITH SIEMENS !

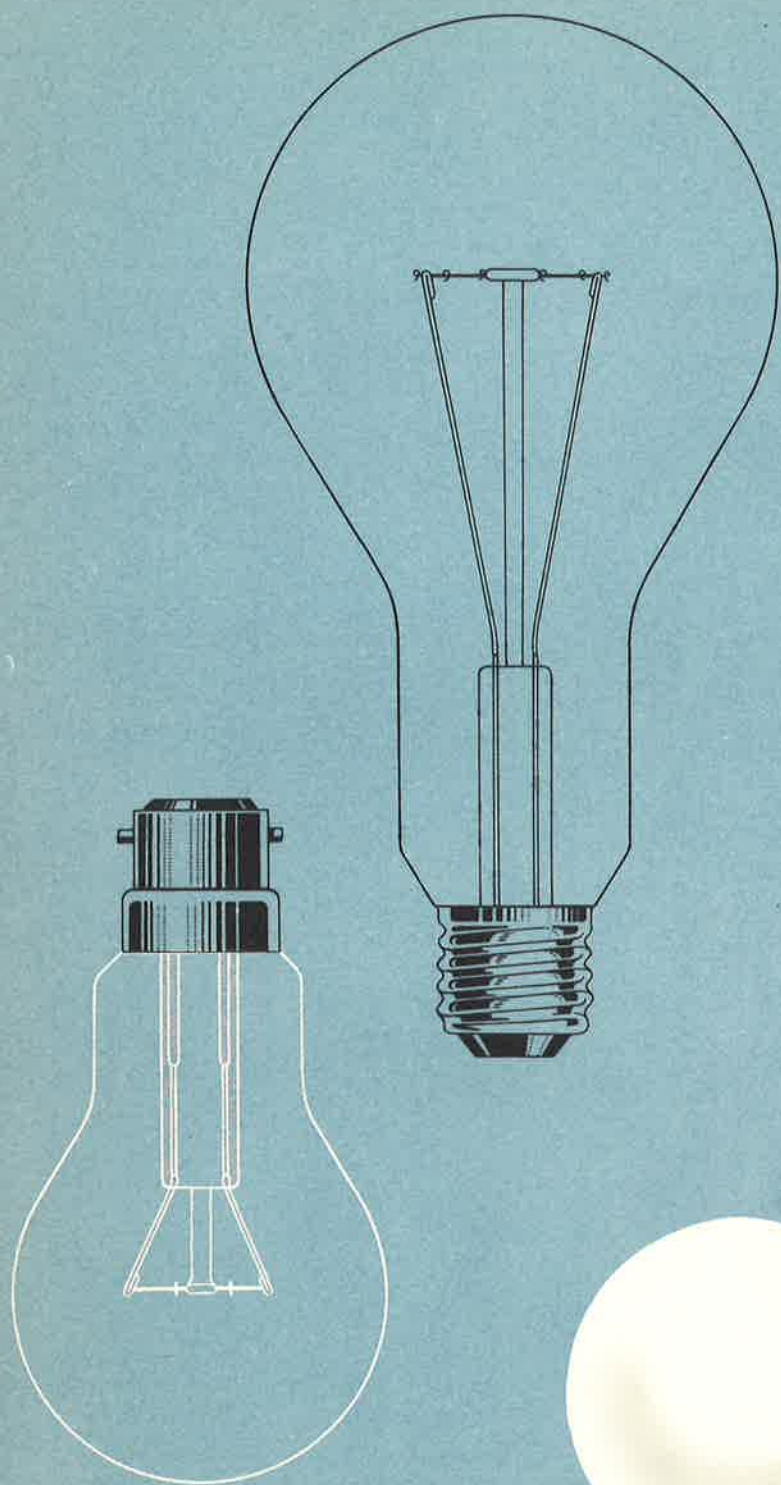


COILED-COIL FILAMENT

Siemens "Coiled-Coil" Lamps with the super-efficient filament give up to 20% *more light* than ordinary Gasfilled Lamps. This increased efficiency is gained without any sacrifice of life, and the extra light produced more than offsets the slight extra cost. The "Coiled-Coil" is available in both Pearl and Clear Lamps. Voltage range 200/260 in 10-volt steps.

PEARL OR CLEAR BULBS

GASFILLED						
Watts	Approximate Dimensions				Cap	Voltages and Prices
	Length		Diameter			200, 210, 220, 230, 240, 250, 260.
	mm.	ins.	mm.	ins.	} B.C.	s. d .
40	110	4 $\frac{5}{16}$	60	2 $\frac{3}{8}$		1 9
60	110	4 $\frac{5}{16}$	60	2 $\frac{3}{8}$		1 9
75	125	4 $\frac{7}{8}$	70	2 $\frac{3}{4}$		2 1 $\frac{1}{2}$
100	137.5	5 $\frac{3}{8}$	75	2 $\frac{1}{2}$		2 1 $\frac{1}{2}$

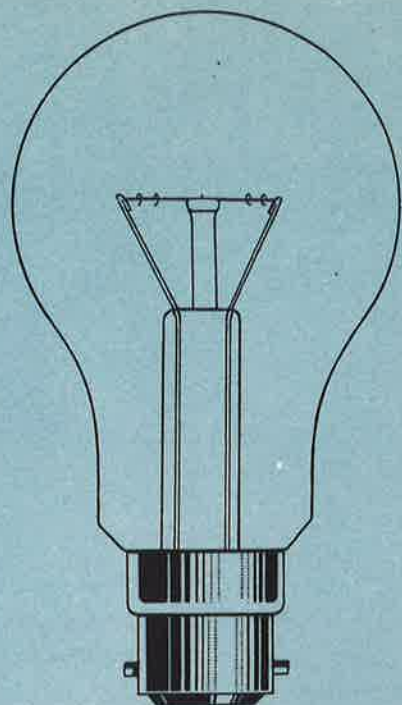
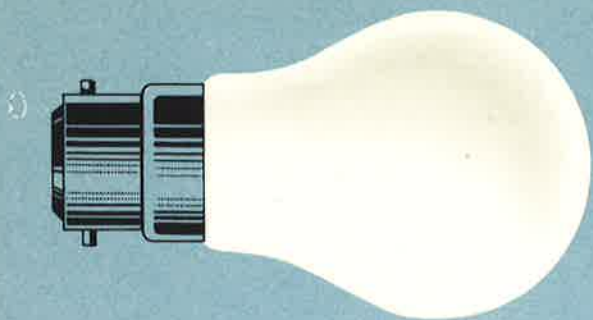


SILVALUX

Silvalux Lamps are designed to produce light without glare. The bulbs are internally coated with Silica, which is applied by a patented process and gives an almost perfect diffusion of light. The lamp has a very pleasing appearance together with high efficiency, since the absorption of light is only about 5%. Siemens Silvalux Lamps are made in the 40, 60, 100, 150 and 200 watt sizes, in the voltage range 200/260. The 40, 60 and 100 watt lamps are available with either single coil or "coiled coil" filaments.

SINGLE COIL						
Watts	Approximate Dimensions				Cap	Voltages and Prices
	Length		Diameter			200, 210, 220, 230, 240, 250, 260.
40	mm. 110	ins. $4\frac{5}{16}$	mm. 60	ins. $2\frac{3}{8}$	} B.C.	s. d. 1 7½
60	110	$4\frac{5}{16}$	60	$2\frac{3}{8}$		1 7½
100	137.5	$5\frac{3}{8}$	75	$2\frac{1}{8}$		2 1
150	160	$6\frac{1}{4}$	80	$3\frac{1}{8}$	} B.C.or	3 1
200	178	7	90	$3\frac{1}{2}$		E.S.

COILED COIL		
Watts	Cap	Voltages and Prices
		200, 210, 220, 230, 240, 250, 260.
40	B.C.	s. d. 2 0
60	B.C.	2 0
100	B.C.	2 4½

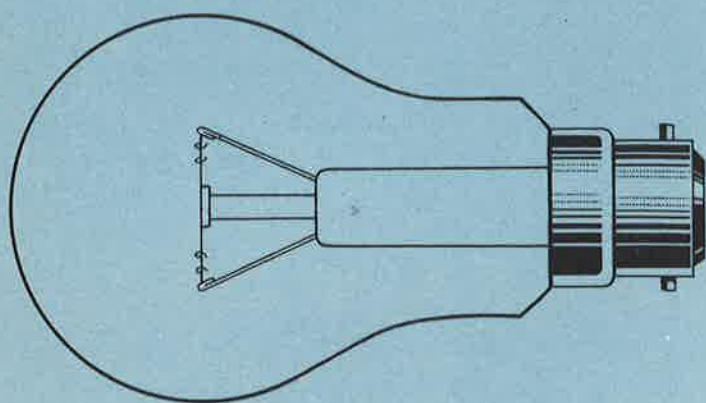
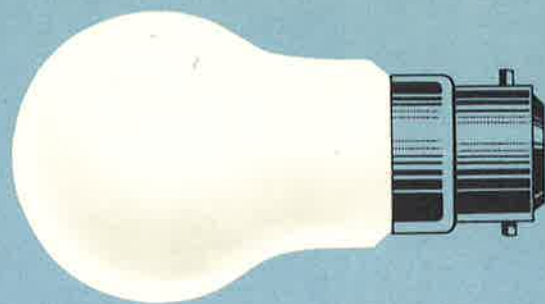


PEARL Gasfilled and Vacuum Single Coil

Siemens Pearl Lamps are particularly suitable for domestic lighting. The inside frosting gives a comfortable diffused light, free of glare and minimising the risk of eyestrain. The amount of light absorbed by the frosting is negligible. Pearl Lamps are supplied in Gasfilled or Vacuum bulbs with a Single Coil filament. Voltage range 100/130 and 200/260 in 10-volt steps.

GASFILLED								
Watts	Approximate Dimensions		Cap	Voltages and Prices				
	Length	Diameter		25	35 50 55	60 65 75	100, 110 120, 130	200, 210 220, 230 240, 250 260
				s. d.	s. d.	s. d.	s. d.	s. d.
15	92.5 mm. 3 $\frac{5}{8}$ ins.	55 mm. 2 $\frac{3}{8}$ ins.	B.C.	1 11	1 11	—	—	—
25	100 mm. 3 $\frac{1}{8}$ ins.	60 mm. 2 $\frac{3}{8}$ ins.	B.C.	1 11	1 11	1 11	1 6 $\frac{1}{2}$	—
40	110 mm. 4 $\frac{5}{16}$ ins.	60 mm. 2 $\frac{3}{8}$ ins.	B.C.	2 3	2 3	2 3	1 6 $\frac{1}{2}$	1 4 $\frac{1}{2}$
60	110 mm. 4 $\frac{5}{16}$ ins.	60 mm. 2 $\frac{3}{8}$ ins.	B.C.	2 3	2 3	2 3	1 6 $\frac{1}{2}$	1 4 $\frac{1}{2}$
75	125 mm. 4 $\frac{7}{8}$ ins.	70 mm. 2 $\frac{3}{4}$ ins.	B.C.	—	—	—	2 0	1 10
100	137.5 mm. 5 $\frac{3}{8}$ ins.	75 mm. 2 $\frac{1}{2}$ ins.	B.C.	4 0	4 0	4 0	2 0	1 10
150	160 mm. 6 $\frac{1}{4}$ ins.	80 mm. 3 $\frac{1}{8}$ ins.	B.C.	—	—	—	2 9	2 7
200	178 mm. 7 ins.	90 mm. 3 $\frac{1}{2}$ ins.	E.S.	—	—	—	4 9	4 3

VACUUM								
15	92.5 mm. 3 $\frac{5}{8}$ ins.	55 mm. 2 $\frac{3}{8}$ ins.	B.C.	—	—	1 11	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$
25	100 mm. 3 $\frac{1}{8}$ ins.	60 mm. 2 $\frac{3}{8}$ ins.	B.C.	—	—	—	—	1 6 $\frac{1}{2}$



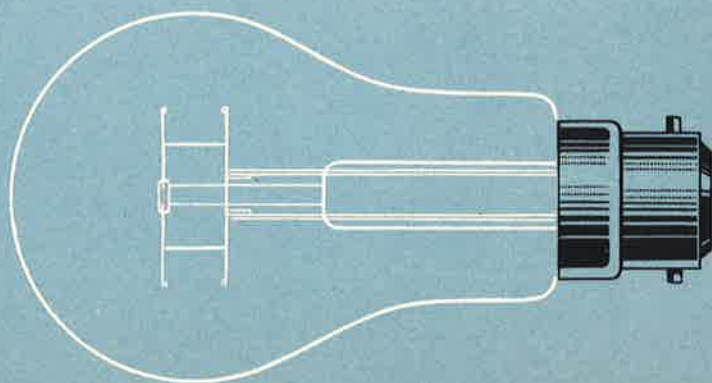
CLEAR

Gasfilled and Vacuum Single Coil

Siemens Clear Lamps are available in wattages up to and including 1,500. The gasfilled Lamps are filled with an inert gas which permits the filament to operate at a higher temperature, and consequently at a higher efficiency than is possible with a vacuum lamp. Siemens Clear Lamps are manufactured with a single coil filament, and their robustness, efficiency and long life, together with a wide voltage range, make them particularly suitable for all general lighting purposes.

GASFILLED								
Watts	Approximate Dimensions		Cap	Voltages and Prices				
	Length	Diameter		25	35 50 55	60 65 75	100, 110 120, 130	200, 210 220, 230 240, 250 260
15	92.5 mm. 3 $\frac{5}{8}$ ins.	55 mm. 2 $\frac{3}{16}$ ins.	B.C.	s. d. 1 11	s. d. 1 11	s. d. —	s. d. —	s. d. —
25	100 mm. 3 $\frac{1}{16}$ ins.	60 mm. 2 $\frac{3}{8}$ ins.	B.C.	1 11	1 11	1 11	1 6 $\frac{1}{2}$	—
40	110 mm. 4 $\frac{5}{16}$ ins.	60 mm. 2 $\frac{3}{8}$ ins.	B.C.	2 3	2 3	2 3	1 6 $\frac{1}{2}$	1 4 $\frac{1}{2}$
60	110 mm. 4 $\frac{5}{16}$ ins.	60 mm. 2 $\frac{3}{8}$ ins.	B.C.	2 3	2 3	2 3	1 6 $\frac{1}{2}$	1 4 $\frac{1}{2}$
75	125 mm. 4 $\frac{7}{8}$ ins.	70 mm. 2 $\frac{3}{4}$ ins.	B.C.	—	—	—	2 0	1 10
100	137 mm. 5 $\frac{3}{8}$ ins.	75 mm. 2 $\frac{1}{2}$ ins.	B.C.	4 0	4 0	4 0	2 0	1 10
150	160 mm. 6 $\frac{1}{4}$ ins.	80 mm. 3 $\frac{1}{8}$ ins.	B.C.	—	—	—	2 9	2 7
200	178 mm. 7 ins.	90 mm. 3 $\frac{1}{2}$ ins.	E.S.	—	9 0	9 0	4 3	3 9
300	233 mm. 9 $\frac{1}{8}$ ins.	110 mm. 4 $\frac{5}{16}$ ins.	G.E.S.	—	12 0	12 0	8 0	7 6
500	267 mm. 10 $\frac{1}{2}$ ins.	130 mm. 5 $\frac{1}{8}$ ins.	G.E.S.	—	16 0	16 0	10 6	10 0
750	300 mm. 11 $\frac{3}{4}$ ins.	150 mm. 5 $\frac{7}{8}$ ins.	G.E.S.	—	—	—	16 0	16 0
1,000	300 mm. 11 $\frac{3}{4}$ ins.	150 mm. 5 $\frac{7}{8}$ ins.	G.E.S.	—	—	—	17 6	17 6
1,500	335 mm. 13 $\frac{1}{4}$ ins.	170 mm. 6 $\frac{1}{16}$ ins.	G.E.S.	—	—	—	25 0	25 0

VACUUM								
15	92.5 mm. 3 $\frac{5}{8}$ ins.	55 mm. 2 $\frac{3}{16}$ ins.	B.C.	—	—	1 11	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$
25	100 mm. 3 $\frac{1}{16}$ ins.	60 mm. 2 $\frac{3}{8}$ ins.	B.C.	—	—	—	—	1 6 $\frac{1}{2}$



COLOUR SPRAYED Lamps

Colour-Sprayed Lamps are supplied externally sprayed WHITE in all sizes up to 500 watts, and up to 100 watts externally sprayed in the following colours:— Red, Blue, Green, Amber, Flame, Yellow, Pink and Orange. These lamps are ideal for festive illuminations at the seaside, in parks, etc., and for interior and exterior decoration of public buildings, cinemas, theatres, etc. A special application of Siemens Colour-Sprayed Lamps is display lighting and advertising signs.

GASFILLED AND VACUUM									
Watts.	Approximate Dimensions				Cap.	Voltages and Prices			
	Length		Diameter			100, 110, 120, 130	200, 210, 220, 230, 240, 250, 260		
	mm.	ins.	mm.	ins.		s.	d.	s.	d.
15	92.5	3 $\frac{5}{8}$	55	2 $\frac{3}{8}$	B.C.	1	8 $\frac{1}{2}$ *	1	8 $\frac{1}{2}$ *
25	100	3 $\frac{1}{2}$	60	2 $\frac{3}{8}$	B.C.	1	8 $\frac{1}{2}$	1	8 $\frac{1}{2}$ *
40	110	4 $\frac{5}{16}$	60	2 $\frac{3}{8}$	B.C.	1	9 $\frac{1}{2}$	1	7 $\frac{1}{2}$
60	110	4 $\frac{5}{16}$	60	2 $\frac{3}{8}$	B.C.	1	9 $\frac{1}{2}$	1	7 $\frac{1}{2}$
75	125	4 $\frac{3}{8}$	70	2 $\frac{3}{4}$	B.C.	2	4	2	2
100	137.5	5 $\frac{3}{8}$	75	2 $\frac{1}{2}$	B.C.	2	4	2	2
150	160	6 $\frac{1}{4}$	80	3 $\frac{1}{8}$	B.C.	3	6	3	4
200	178	7	90	3 $\frac{1}{2}$	E.S.	5	9	5	3
300	233	9 $\frac{1}{8}$	110	4 $\frac{5}{16}$	G.E.S.	9	9	9	3
500	267	10 $\frac{1}{2}$	130	5 $\frac{1}{8}$	G.E.S.	12	9	12	3

* Vacuum Lamp

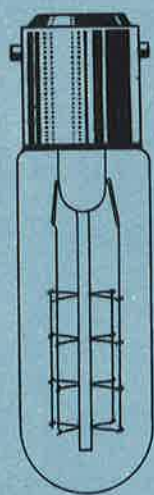
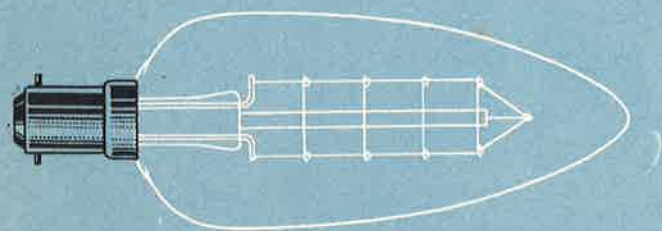
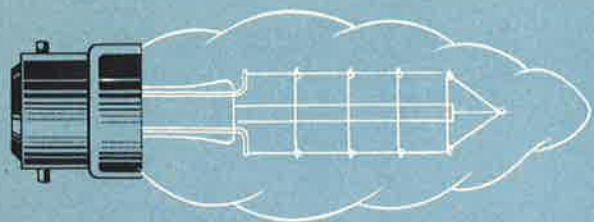
The following lamps are supplied with the inside surface of the bulb colour-sprayed and are therefore specially suitable for use for external decoration.

VACUUM							
Watts.	Approximate Dimensions				Cap.	Voltages and Prices	
	Length		Dimensions			200/210, 220/230, 240/250	
	mm.	ins.	mm.	ins.		s.	d.
15	92.5	3 $\frac{5}{8}$	55	2 $\frac{3}{8}$	B.C.	1	9 $\frac{1}{2}$
25	100	3 $\frac{1}{2}$	60	2 $\frac{3}{8}$	B.C.	1	9 $\frac{1}{2}$

ROUGH SERVICE (Vacuum)

Siemens Rough Service Vacuum Lamps have been specially developed to withstand vibration or shock. Their extremely robust construction makes them particularly suitable for operation under exceptionally hard conditions. Rough Service Lamps are available with either clear or pearl bulbs, and are manufactured to the usual high standard of Siemens Lamps. Voltage range 100/130 and 200/260 in 10-volt steps.

Voltages	Watts.	Approximate Dimensions				Cap.	Price
		Length		Diameter			Clear or Pearl
		mm.	ins.	mm.	ins.		s. d.
100, 110 120, 130 200, 210 220, 230 240, 250 260	40	110	4 $\frac{3}{8}$	60	2 $\frac{3}{8}$	B.C.	2 0
	60	110	4 $\frac{3}{8}$	60	2 $\frac{3}{8}$	or E.S.	2 0



TUBULAR AND CANDLE VACUUM

Siemens Tubular and Candle Lamps are specially designed for all forms of decorative lighting. Whilst suitable for special-purpose lighting in the home, these lamps have a particular application to shop and showcase lighting requirements. Siemens Tubular Lamps are available with Clear or Opal glass, and the Candle Lamps are manufactured in Plain, Flame, or Twisted glass types. A wide voltage range is available to meet all requirements.

TUBULAR, SINGLE CAP, CLEAR							
Type	Watts.	Approximate Dimensions		Cap.	Voltages and Prices		
		Length	Diameter		50, 60, 65 75	110, 120	200, 210, 220 230, 240, 250 260
Standard Tubular	25	92 mm. 3½ ins.	25 mm. 1 in.	B.C. or S.B.C.	s. d. 4 9	s. d. 3 9	s. d. 3 9
Morse Tubular	10	63 mm. 2⅞ ins.	25 mm. 1 in.	B.C. or S.B.C.	4 9	3 9	—

TUBULAR, SINGLE CAP, OPAL						
Watts.	Approximate Dimensions				Cap.	Voltages and Prices.
	Length		Diameter			110, 120, 200, 210 220, 230, 240, 250
	mm.	ins.	mm.	ins.		s. d.
40 } 60 }	302	12	38	1½	B.C.	8 6

TUBULAR, DOUBLE CAP, CLEAR*						
	mm.	ins.	mm.	ins.		s. d.
30	221	8⅞	25	1	Centre Contract	5 9
30	284	11⅞	25	1		5 9
60	284	11⅞	25	1		6 0

*These lamps can be supplied Frosted or Sprayed White at 4d. each extra.

CANDLE, CLEAR									
Type	Watts.	Approximate Dimensions				Cap.	Voltages and Prices		
		Length		Diameter			25	50, 60 65, 75	100, 110, 120 130, 200, 210 220, 230, 240 250, 260
		mm.	ins.	mm.	ins.		s. d.	s. d.	s. d.
Plain Flame	25	105	4 $\frac{1}{8}$	35	1 $\frac{13}{32}$	} B.C., S.B.C. or S.E.S.	4 9	4 9	3 9
	40	130	5 $\frac{5}{16}$	45	1 $\frac{13}{16}$		5 3	5 3	4 3
	60	130	5 $\frac{5}{16}$	45	1 $\frac{13}{16}$		5 9	5 9	4 9
" Twisted	25	105	4 $\frac{1}{8}$	35	1 $\frac{13}{32}$		5 3	5 3	4 3
	40	126	4 $\frac{13}{32}$	46	1 $\frac{13}{16}$		6 0	6 0	5 0
	60						6 6	6 6	5 6



ARCHITECTURAL Lamps

Siemens Architectural Lamps are manufactured in Opal Glass Tube 30 mm. diameter, with spirallised tungsten filaments burning in a vacuum.

The caps of these Lamps are mounted at the side instead of the ends to enable Lamps to be mounted end to end.

When used singly the Lamp appears as a bar of light, but when mounted end to end a continuous line of light is produced which can be built up into an infinite number of attractive patterns to fit into all manner of lighting schemes.

Combinations of straight and curved Lamps are ideal for outlining corridors, doorways, fascias, etc., whilst complete circles and fancy curves are all easily assembled.

Siemens Architectural Lamps can also be supplied colour sprayed which further enhances their decoration value.

Nominal Watts	Overall Length		PRICE EACH	
			100, 110, 120, 130	200, 210, 220, 230, 240, 250, 260
	Approximate inches	mm.	White Opal	White Opal
STRAIGHT LENGTHS				
			s. d.	s. d.
35	12	305	13 6	13 6
75	24	610	22 6	22 6
110	36	915	—	30 0
150	48	1,220	—	35 0
CURVES $\frac{1}{8}$ — $\frac{1}{4}$ — $\frac{1}{2}$ CIRCLES				
60	20	500	—	30 0
DISTANCES BETWEEN CAP CENTRES				
$\frac{1}{8}$ Circle 416 mm.		$\frac{1}{4}$ Circle 393 mm.	$\frac{1}{2}$ Circle 309 mm.	

For spraying Standard Colours add 10 per cent. extra on above prices.

LAMP HOLDERS for Architectural Lamps.

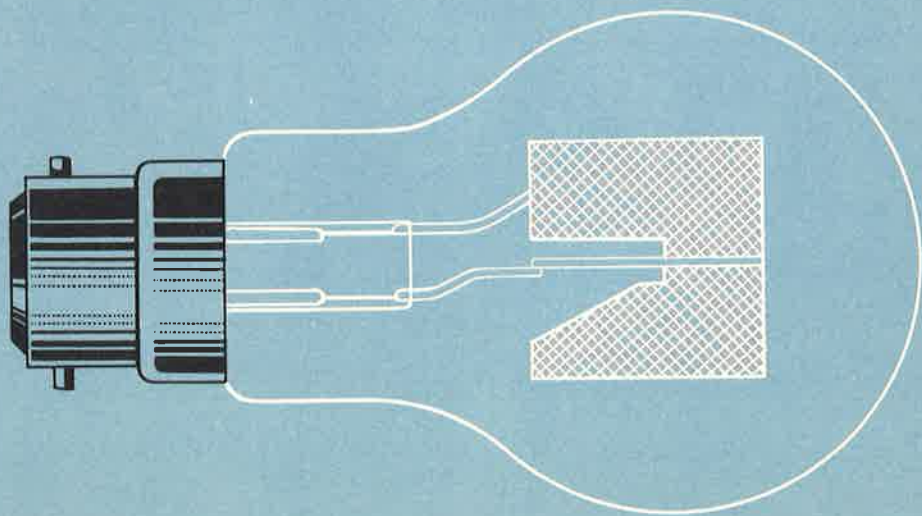
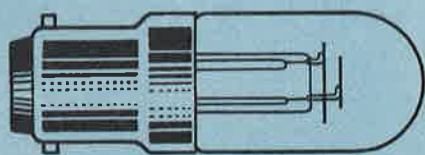
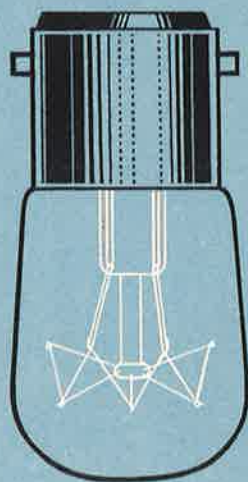
White moulded composition 6/- per pair

Black " " 5/4 " "

The Dimension shown is actual overall length of Lamp: Caps are placed 38 mm.— $1\frac{1}{2}$ inches from end of Bulb.

The Curves are $\frac{1}{8}$ circle—25-inch radius

$\frac{1}{4}$ " 12 $\frac{1}{2}$ " "
 $\frac{1}{2}$ " 6 $\frac{1}{4}$ " "



NEON AND SIGN Lamps

Siemens Neon discharge lamps are manufactured in two types—lighting and indicator. Neon Lighting Lamps provide an economical source of illumination where dim lighting is continuously required, such as night-lights in nurseries, sick-rooms, etc.

Neon Indicator Lamps are specially small bulb lamps for use as indicators or switch-boards, electric cookers, etc., to provide a visual indication that a circuit is "LIVE". Siemens Sign and Pigmy-Sign Lamps are available in a wide range of colours, and provide an attractive and dependable source of illumination for all forms of decorative, display and shop-lighting.

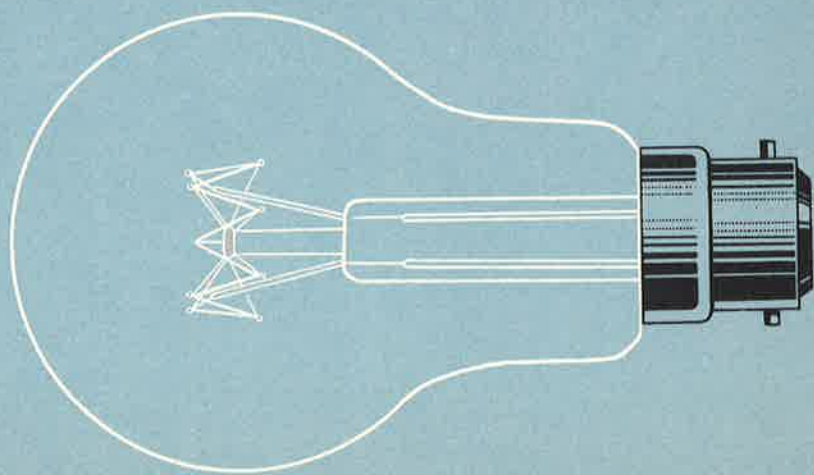
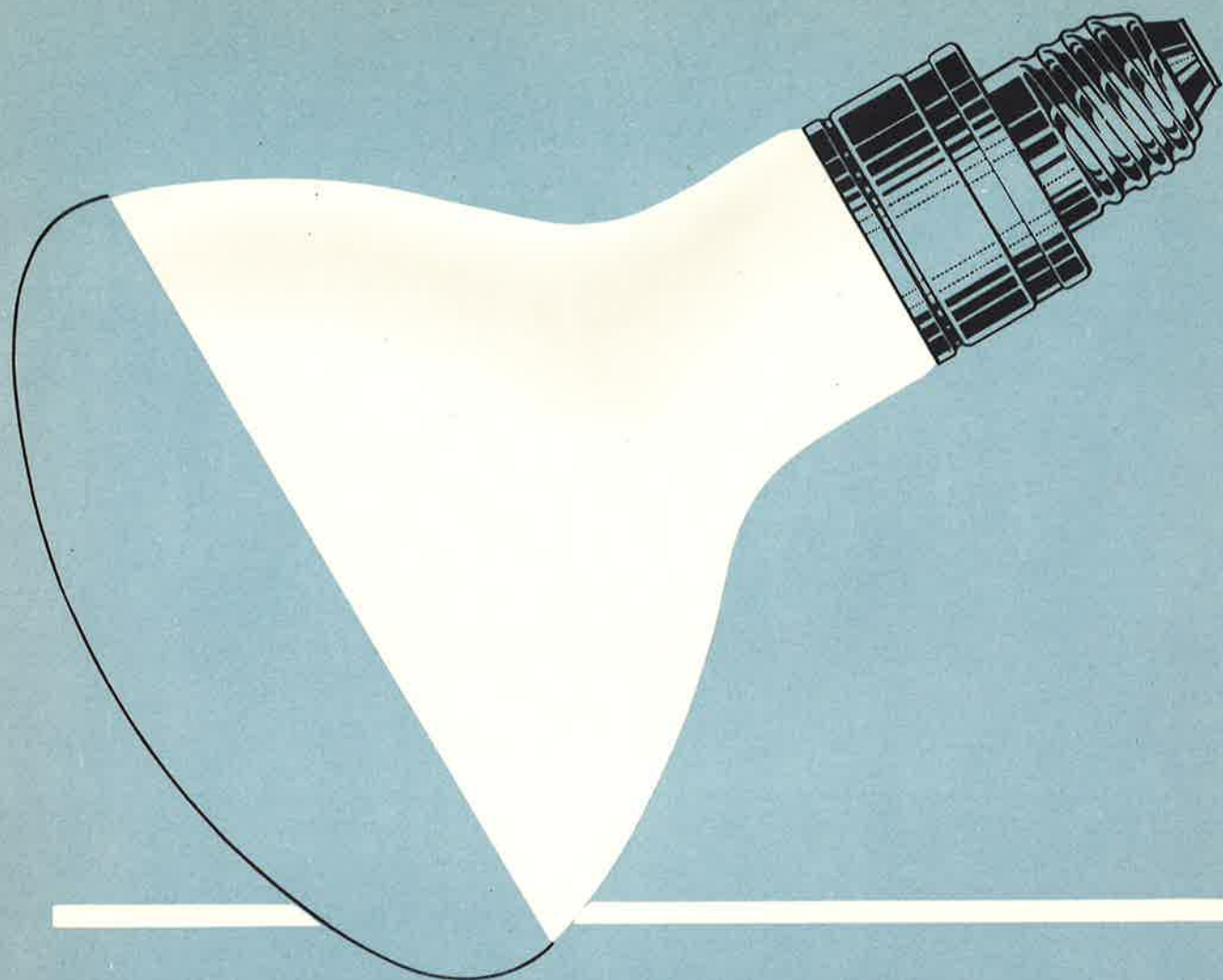
NEON							
Type	Watts	Approximate Dimensions				Cap	Voltages & Prices
		Length		Diameter			200, 220, 230-240 250-260
Lighting	5	mm. 115	ins. 4½	mm. 60	ins. 2⅝	B.C.	s. d. 4 6
Indicator	0.5	54	2⅞	18	⅜	S.B.C.	4 0
	0.5	56	2⅞ ₃₂	25	1⅜ ₁₆	B.C.	4 0

PIGMY-SIGN								
Type	Watts	Approx. Dimensions		Cap	Voltages and Prices			
		Length	Diameter		25	50, 60 65, 75	110, 130	210, 230 240, 250
Clear	15	55 mm.	28 mm.	B.C., E.S., S.B.C. or S.E.S.	s. d. 2 5	s. d. 2 5	s. d. 1 10	s. d. 1 10
Externally Sprayed†	15	2⅜ ins.	1⅞ ins.		2 7	2 7	2 0	2 0

† Standard Colours: Red, Green, Yellow, Blue, White, Orange and Pink.

SIGN LAMPS						
Type	Watts	Approximate Dimensions		Cap	Voltages and Prices	
		Length	Diameter		110,	200, 210, 220, 230, 240, 250
Internally Sprayed*	15	90 mm. 3½ ins.	44 mm. 1⅞ ins.	B.C. or E.S.	s. d. 2 1	s. d. 1 10

*Standard Colours: Red, Green, Yellow, Blue, White and Orange.



INFRA-RED Industrial and Agricultural Lamps

Siemens Infra-Red Lamps are designed for both industrial and agricultural purposes. The Industrial Infra-Red Lamps are manufactured in two types—Reflector Type, which is half internally silvered obviating the necessity of reflectors—and a cheaper lamp which requires a separate external reflector. These lamps have a wide range of industrial uses, including Quick Drying and Heat Radiation. Siemens Infra-Red Agricultural (Dual Purpose) Lamp is designed for poultry and pig rearing. The lamp is a robust, satin-frosted type, requiring no external reflector.

INFRA-RED INDUSTRIAL LAMP for use with separate external reflector.

For Heat Radiation and Quick Drying.

Watts.	Voltage	Approximate Dimensions				Cap.	Price Each	
		Length		Diameter			Clear	Pearl
250	*100/130	mm. 178	ins. 7	mm. 90	ins. 3 $\frac{17}{32}$	E.S. (E27/30)	s. d. 7 9	s. d. 8 3

INFRA-RED INDUSTRIAL LAMP—Reflector Type

Made in special Parabolic Shape Bulb—half internally Silvered—obviating the necessity of reflectors.

Watts.	Voltage	Approximate Dimensions.					Price Each
		Length		Diameter			
250	*100/130 200/260 }	mm. 180	ins. 7 ¹ / ₁₆	mm. 126	ins. 5	E.S.	s. d. 15 6

INFRA-RED AGRICULTURAL (DUAL PURPOSE) LAMP

Watts.	Voltage	Approximate Dimensions				Cap.	Price Each
		Length		Diameter			
250	*100/130 200/260 }	m.m 180	ins. 7 $\frac{1}{16}$	mm. 126	ins. 5	E.S.	s. d. 15 6

*Designed for burning two in series on standard voltages.

RADIANT HEAT Lamps

The Siemens 60-watt Radiant Heat Lamp has a metal filament, and is specially designed for heat-therapy treatment in hospitals, clinics and sanatoria.

Watts.	Voltages	Approximate Dimensions				Cap.	Price Each
		Length		Diameter			
60	{ 110, 120, 210, 230, 250	mm. 117.5	ins. 4 $\frac{1}{16}$	mm. 60	ins. 2 $\frac{3}{8}$	B.C. or E.S.	s. d. 2 3



REFLECTOR SPOTLIGHT

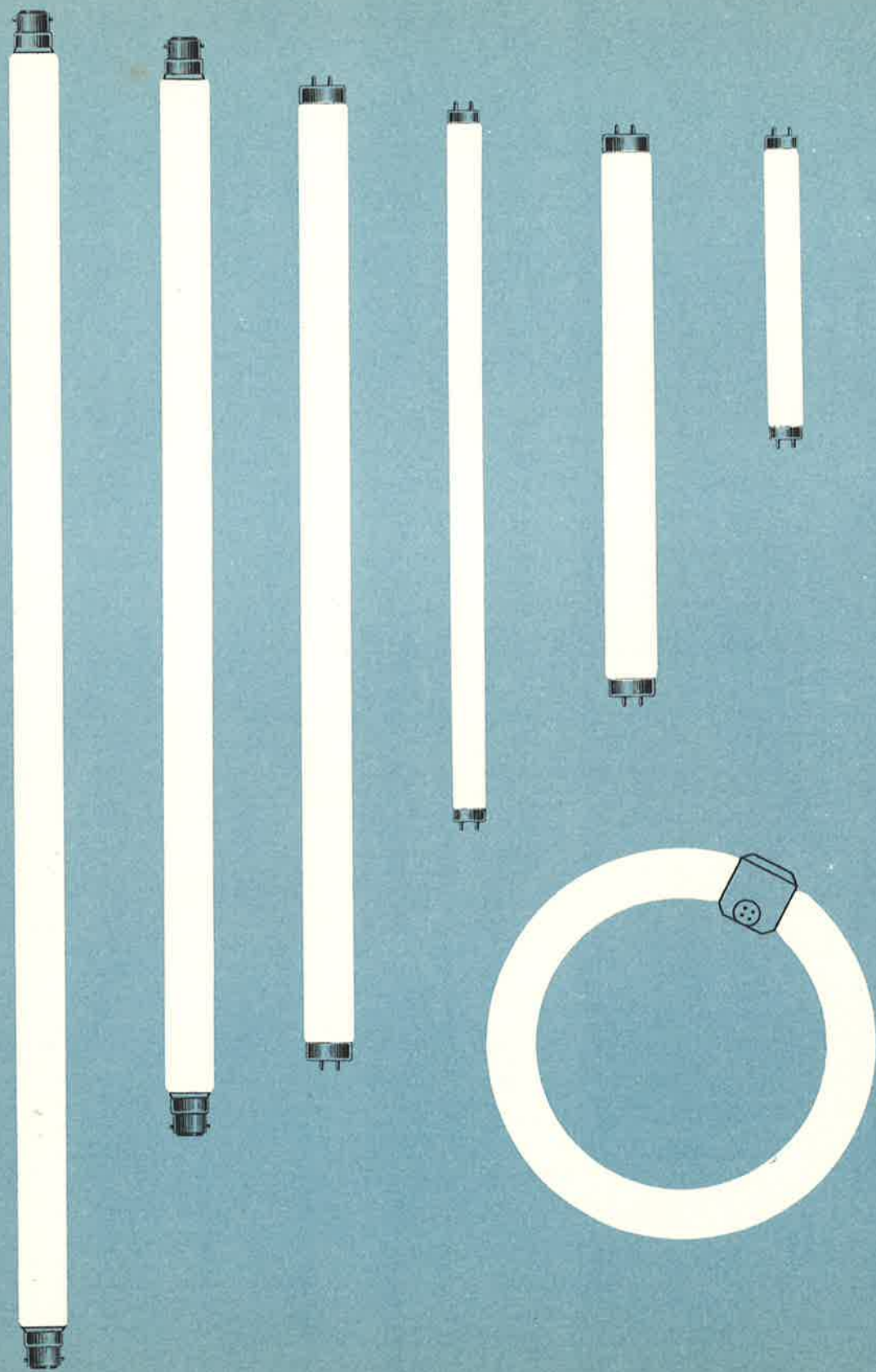
The Reflector Spotlight is constructed with a special parabolic bulb, half internally silvered, forming a highly efficient internal reflector enabling the light output to be used with maximum effect. The lamp is consequently most suitable for producing a glittering emphasis to displays in show-rooms, shop-windows, etc. The Reflector Spotlight is also most useful for photographic lighting.

Watts.	Voltages	Approximate Dimensions.				Cap.	Price Each
		Length		Diameter			
150	110, 200, 210, 220, 230, 240, 250	mm. 180	ins. 7 $\frac{1}{16}$	mm. 126	ins. 5	E.S.	s. d. 15 6
75	110, 200, 210, 220, 230, 240, 250	mm. 129	ins. 5 $\frac{1}{8}$	mm. 95	ins. 3 $\frac{3}{4}$	B.C. or E.S.	s. d. 8 0

REFLECTOR FLOODLIGHT

The Reflector Floodlight differs from the Spotlight in having a pearl finish. This diffuses the beam so that the light can be projected on to larger areas, such as hoardings, exhibition displays, blackboards, etc.

Watts.	Voltages	Approximate Dimensions				Cap.	Price Each
		Length		Diameter			
150	110, 200, 210, 220, 230, 240, 250	mm. 180	ins. 7 ¹ / ₁₆	mm. 126	ins. 5	E.S.	s. d. 15 6





FLUORESCENT Lamps

'Sieray' Fluorescent Lamps are manufactured throughout at our modern factory in Preston. In addition to providing economical illumination for shops, offices, public buildings and factories, 'Sieray' Lamps are in demand from an increasing number of householders. Apart from economy in current consumption, 'Sieray' Lamps provide a low-temperature, virtually shadowless, glare-free illumination. 'Sieray' Fluorescent Lamps are manufactured to exacting standards to ensure the highest possible efficiency and life and are available in the following:—Daylight, Warm White, Mellow, Natural, Colour Matching White. Colours in 5 ft. 80 watt include Red, Blue, Green and Yellow.

A novel item in the 'Sieray' range is the Fluorescent Circle. Available in mellow colour, the Circle provides an attractive departure from the usual straight tube fluorescent lighting.

Colour	Watts	Cap	Dimensions		Switch Start		For use with Instant Start Circuits	
			Length	Diameter	Price Each	P.T.	Price Each	P.T.
DAYLIGHT	80	B.C.	5'	1½"	s. d. 13 0	s. d. 2 5	s. d. 14 0	s. d. 2 7
	40	Bi-pin	4'	1½"	11 9	2 2	12 9	2 4
WARM WHITE AND MELLOW	80	B.C.	5'	1½"	13 0	2 5	14 0	2 7
	40	Bi-pin	4'	1½"	11 9	2 2	12 9	2 4
	40	"	2'	1½"	11 0	2 0	12 0	2 2
	30	"	3'	1½"	11 0	2 0	12 0	2 2
	20	"	2'	1½"	10 6	1 11	11 6	2 1
	15	"	18"	1"	9 9	1 10	—	—
NATURAL	125	B.C.	8'	1½"	—	—	32 6	Tax Free
	80	B.C.	5'	1½"	13 0	2 5	14 0	2 7
	40	Bi-pin	4'	1½"	11 9	2 2	12 9	2 4
	40	"	2'	1½"	11 0	2 0	12 0	2 2
	30	"	3'	1½"	11 0	2 0	12 0	2 2
	20	"	2'	1½"	10 6	1 11	11 6	2 1
COLOUR MATCHING WHITE	80	B.C.	5'	1½"	13 0	2 5	14 0	2 7
	40	Bi-pin	4'	1½"	11 9	2 2	12 9	2 4
RED BLUE GREEN YELLOW	80	B.C.	5'	1½"	—	—	—	—
	80	B.C.	5'	1½"	17 6	3 3	18 6	3 5
	80	B.C.	5'	1½"	—	—	—	—
	80	B.C.	5'	1½"	—	—	—	—

FLUORESCENT CIRCLE

Colour	Watts	Cap	Diameter	Price Each	P.T.
MELLOW	40	Special 4-pin	16"	s. d. 35 0	s. d. 6 4

FLUORESCENT LAMP DATA

NOMINAL LENGTH	1½ ft. 15	2 ft. 20	2 ft. 40	3 ft. 30	4 ft. 40	5 ft. 80	8 ft. 125
NOMINAL LAMP WATTS	1 in. Bi-pin	1½ in. Bi-pin	1½ in. Bi-pin	1 in. Bi-pin	1½ in. Bi-pin	1½ in. B.C.	1½ in. B.C.
NOMINAL DIAMETER	—	—	—	—	—	—	—
TYPE OF LAMP CAP	—	—	—	—	—	—	—
SUPPLY VOLTAGE							
Lamps, Operating Singly	100/250	100/250	100/130	200/250	200/250	200/250	200/250
" " Two in Series	200/250	200/250	200/250	—	—	—	—
NOMINAL LUMEN OUTPUT							
Average through first 5,000 hours of LAMP LIFE:—							
Daylight	—	—	—	—	1,920	3,600	—
Warm White	470	660	1,080	1,200	1,920	3,600	—
Natural	390	580	920	1,020	1,520	2,720	5,000
Mellow	330	460	760	840	1,200	2,240	—
Colour Matching	—	—	—	—	1,200	2,240	—

SIERAY CIRCLE

Nominal Overall Diameter	Nominal Lamp Watts	Nominal Tube Diameter	Type of Lamp Cap	Supply Voltage Lamps Operating Singly	Nominal Lumen Output: Average through first 2,500 hours of Lamp Life
16 ins.	40	1½ ins.	Special 4-pin	200/250	1,200

TUNGSTEN FILAMENT G.L.S. LAMPS

Nominal Initial Lumens at 110 volts and 230 volts

The table below gives the nominal initial lumen output figures at 110 and 230 volts for the range of lamps shown in this catalogue. These figures are, of course, in accordance with the requirements of the British Standard Specification.

Watts	110v Single Coil	230v Single Coil	230v Coiled Coil
15	140	113	—
25	240	220	—
40	470	355	430
60	790	620	725
75	1060	840	960
100	1500	1240	1380
150	2300	2150	—
200	3250	2960	—
300	5000	4830	—
500	9000	8660	—
750	14600	13900	—
1000	20100	19400	—
1500	32500	31000	—

TERMS AND CONDITIONS

Resale

SIEMENS ELECTRIC LAMPS must be retailed at the list prices only as set forth in this Catalogue. Acceptance of SIEMENS 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 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.

Siemens Electric Lamps and Supplies Limited

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

Telephone : CENTRAL 2332 (20 lines) Telegrams : "SIEMOTOR, CENT, LONDON"



BELFAST:

41, Queen Street. Tel.: Belfast 20437

BIRMINGHAM, 4:

Siemens House, 8-10, Albert Street.
Tel.: Midland 0072 & 0073

BRISTOL, 4:

Siemens House, Bath Road,
Brislington.
Tel.: Bristol South 76051 & 76052

CARDIFF:

Siemens House, Hill's Street.
Tel.: Cardiff 32276

DUBLIN, C.1 (Eire):

52, William Street.
Tel.: Dublin 77354 & 77355

EDINBURGH:

Siemens House, 18, Forth Street.
Tel.: Edinburgh Waverley 1972

GLASGOW, C.2:

19-23, West Campbell Street.
Tel.: Central 2821 & 2822

LEEDS, 1:

54, Wellington Street.
Tel.: Leeds 27395

LEICESTER:

8, Albion Street. Tel.: Granby 1122

LIVERPOOL, 2:

20, Banastre Street.
Tel.: Central 2260 & 3053

MANCHESTER, 13:

92-94, Oxford Road.
Tel.: Ardwick 4118 & 4119

NEWCASTLE-ON-TYNE, 1:

Siemens House, Carlol Square.
Tel.: Newcastle 20641 & 20642

NOTTINGHAM, 4:

4, Castle Boulevard.
Tel.: Nottingham 45810

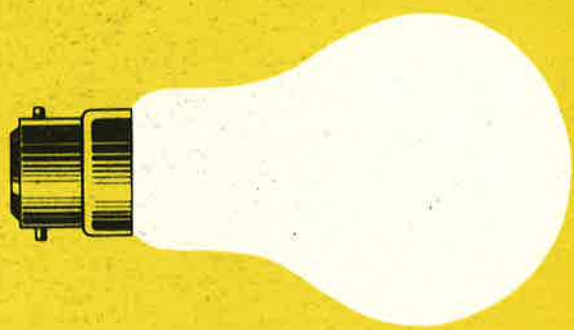
PRESTON:

Sales Depot, Lamp Works, Fylde Rd.
Tel.: Preston 3705

SHEFFIELD, 1:

57-59, West Street.
Tel.: Sheffield 25259





SIEMENS

PROJECTOR LAMPS

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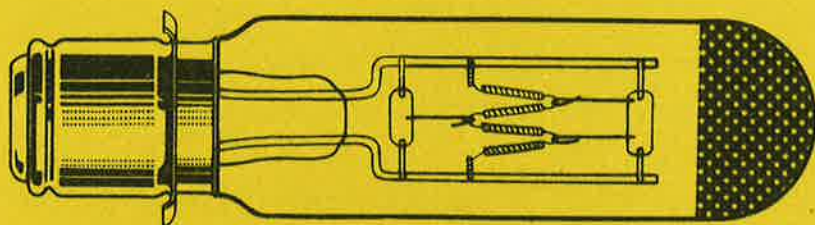
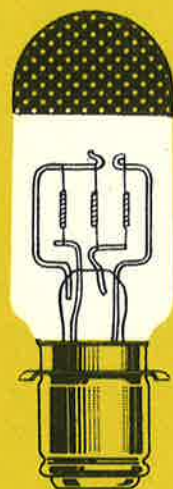
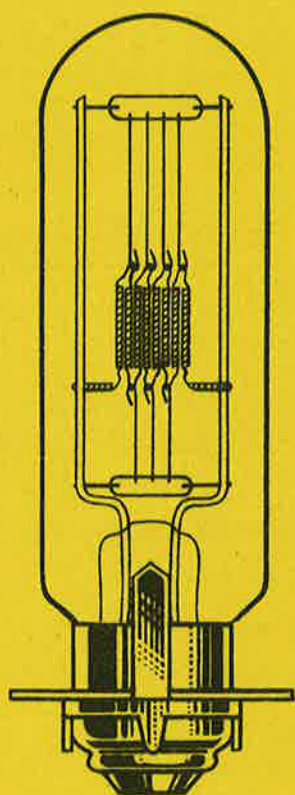
THERE'S MORE IN A LAMP THAN MEETS THE EYE...

Look through the pages of this catalogue and you'll immediately see the reason why. Every Siemens lamp is made to the rigorous specifications of the British Standards Institution. Each lamp will do all that's claimed for it and more besides. You can stake your reputation on that. And what is even more important to *you*: Siemens give all round, honest-to-goodness service. After all, Siemens have not been pioneers and leaders in the electrical industry for almost 100 years without knowing a thing or two about manufacturing *and* selling! Unusually large stocks of all types of lamps are deliberately maintained at Siemens branches all over the country. You can be sure that what you order, you'll get—and promptly too.

SIEMENS ADVISORY SERVICE

Call in Siemens on any lighting problem when you feel outside help would be an advantage. The services of a Siemens lighting engineer will be gladly placed at your disposal.

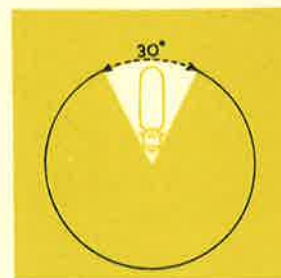
MAKE LIGHT OF IT WITH SIEMENS!



Class A1

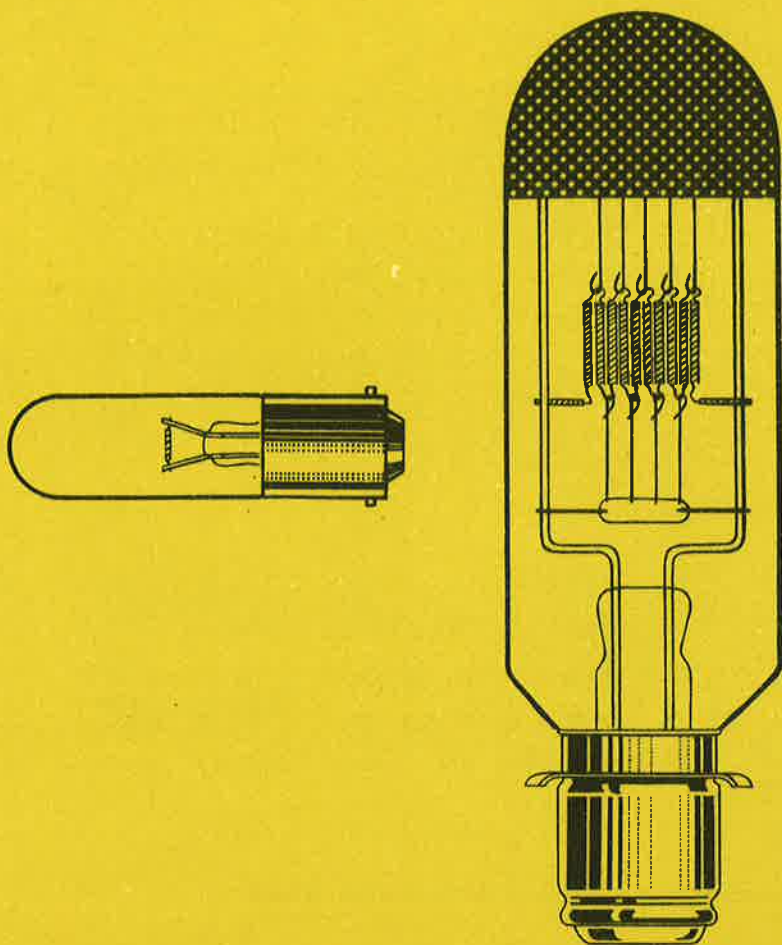
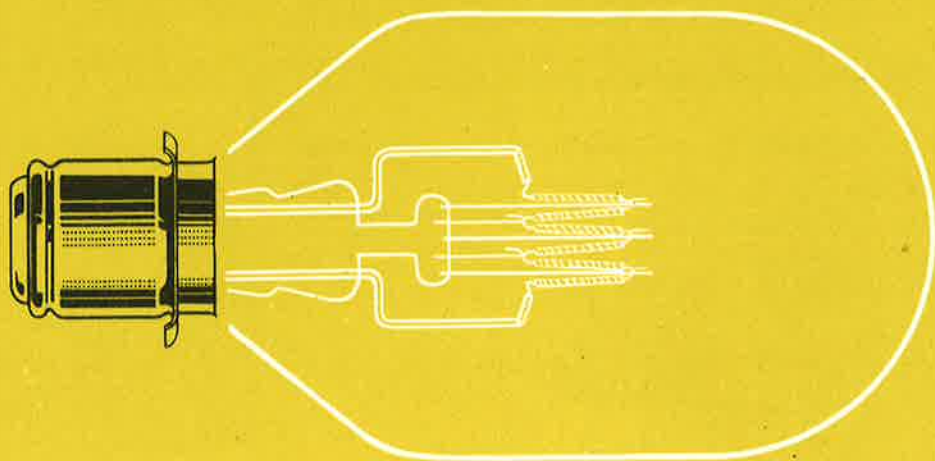
PROJECTOR LAMPS

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



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.				
A1/73	40	15	SCC B15s	16±1	57±3	29±2	Transverse Coiled coil	15.0	50	4 0
A1/2a	100, 110, 115	50	SCC B15s.	25±1	76±3	34.5±2	Flat Grid	17.0	50	7 3
A1/19a	100, 110, 115	50	SBC B15d.	25±1	76±3	34.5±2	..	17.0	50	7 3
A1/3	30	100	Prefocus P28	25±1	133±7	55.5±0.5	.. offset	23.0	50	12 9
A1/4a	{ 12 100, 110, 115 200, 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 }	50	12 9
A1/23a	{ 12 100, 110, 115 200, 210, 220 230, 240, 250 }	100	E.S. E27	25±1	128±7	75±5	..	{ 18.0 16.0 }	50	11 9
A1/21a	100, 110, 115	100	SCC B15s	25±1	76±5	34.5±2	..	16.5	50	12 9
A1/121a	100, 110, 115	100	SBC B15d	25±1	76±5	34.5±2	..	16.5	50	12 9
A1/104a	12	150	Prefocus P28	25±1	133±7	55.5±0.5	Solid Source	21.0	50	16 6
A1/105	15	200	ES & lug E27	32±2	128±7	75±0.5	Solid Source offset	19.0	50	26 6
A1/12a	50	200	ES E27	32±2	128±7	75±5	Flat Grid	23.0	50	23 0
A1/13a	50	200	Prefocus P28	32±2	133±7	55.5±0.5	..	23.0	50	24 0
A1/112a	50	200	ES E27	32±2	128±7	75±5	.. offset	23.0	50	23 0
A1/113a	50	200	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid offset	23.0	50	24 0
A1/151a	50	200	SCC B15s	25±1	87±5	34.5±2	Flat Grid	23.0	50	23 0
A1/26a	100	200	SCC B15s	25±1	87±5	34.5±2	Flat Grid	22.0	25	18 6
A1/80b	100	200	BC 3 pin B22	32±2	82±3	51±0.5	.. offset	22.0	25	26 0
A1/12a	110	200	ES E27	32±2	128±7	75±5	Flat Grid	22.0	50	18 6
A1/13a	110	200	Prefocus P28	32±2	133±7	55.5±0.5	..	22.0	50	19 6
A1/81	110	200	Pathe	32±2	133±7	58±0.5	.. offset	22.0	50	19 6
A1/83	100, 115	200	SBC B15d	32±2	87±5	34.5±0.5	Flat Grid	21.0	50	18 6
A1/106a	12	250	Prefocus P28	32±2	133±7	55.5±0.5	Solid Source	23.0	50	27 6
A1/5a	50, 55	250	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid	23.0	50	24 0
A1/14a	50	250	ES E27	32±2	128±7	75±5	..	23.0	50	23 0
A1/15a	50	250	Prefocus P28	32±2	133±7	55.5±0.5	.. offset	23.0	50	24 0
A1/16a	50	250	ES E27	32±2	128±7	75±5	Flat Grid offset	23.0	50	23 0
A1/85a	50	250	BH 38	32±2	128±7	59±0.5	Flat Grid	23.0	50	24 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	23 0
A1/14a	{ 100, 110, 115 200, 210, 220 230, 240, 250 }	250	ES E27	32±2	128±7	75±5	..	23.0 20.0	50	22 0

* Small letters following list numbers refer to Operational Notes at foot of Page 6



Class A1

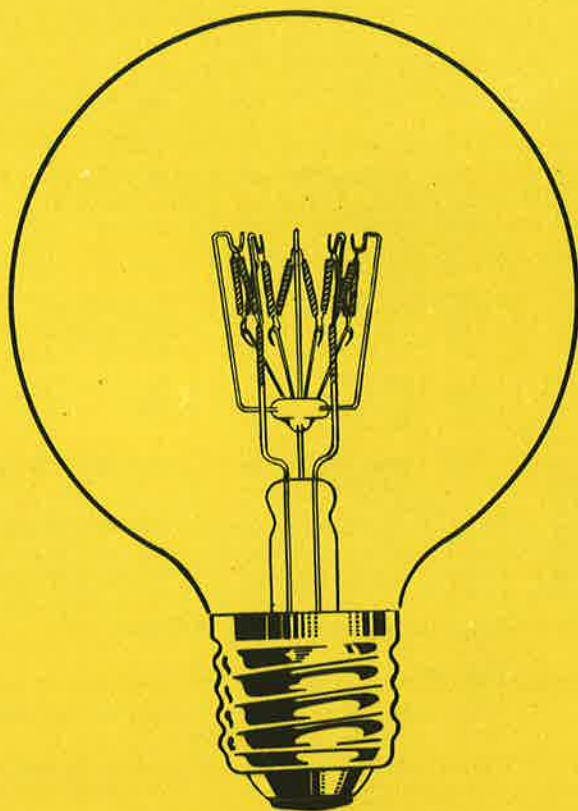
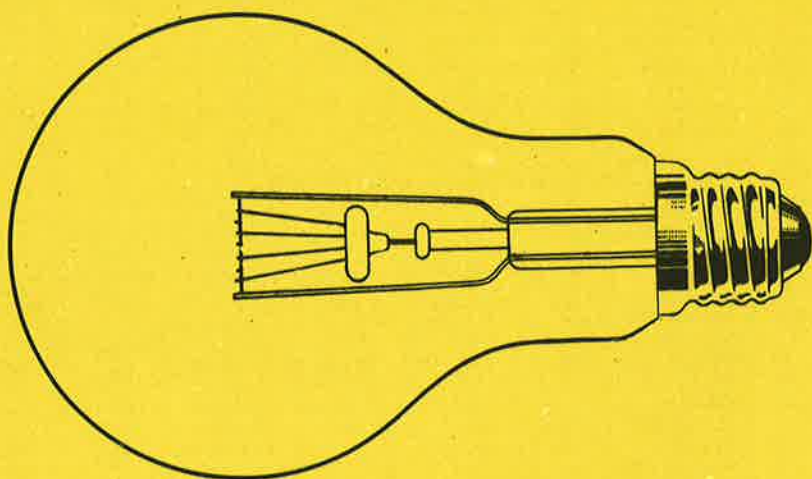
List No. *	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
A1/6ab	100, 110, 115	300	Prefocus P28	32±2	133±7	55.5±0.5	Flat Grid	24.0	25	28 6
A1/33ab	100, 115	300	SBC B15d	25±1	100±5	34.5±2	Flat Grid	23.0	25	27 6
A1/37ab	100, 115	300	SCC B15s	25±1	100±5	34.5±2	Flat Grid	23.0	25	27 6
A1/86b	100, 110, 115	300	BH 46	32±2	128±7	59±0.5	Biplane	24.0	25	35 0
A1/154a	210, 230, 240, 250	300	Prefocus P28	32±2	133±7	55.5±0.5	Coiled Coil	21.0	50	28 6
A1/109	24	400	Prefocus P28	64±2	133±7	55.5±0.5	Solid Source	23.0	50	41 0
A1/108	31	400	ES & lug E27	38±2	128±7	75±0.5	Solid Source offset	20.0	50	50 6
A1/39ab	100, 110, 115	400	Prefocus P28	32±2	133±7	55.5±0.5	Biplane	25.0	25	35 0
A1/87ab	110	400	BH 38	32±2	128±7	59±0.5	Biplane	25.0	25	35 0
A1/159ab	110	400	BH 46	32±2	128±7	59±0.5	Biplane	25.0	25	35 0
A1/7ab	110, 115	500	Prefocus P28	32±2	133±7	55.5±0.5	Biplane	25.0	25	37 0
A1/46bc	100, 110	500	BC 3 pin B22	38 max	142 max	95	Biplane	25.0	25	37 0
A1/47ab	110	500	BH 38	32±2	128±7	59±0.5	Biplane	25.0	25	37 0
A1/160ab	110	500	BH 46	32±2	128±7	59±0.5	Biplane	25.0	25	37 0
A1/153bc	115	500	ES 3 fin E27	38 max	145±8	81	Biplane	25.0	25	38 0
A1/8	{ 100, 110, 115 200, 210, 220 230, 240, 250 }	500	Prefocus P28	64±2	133±7	55.5±0.5	Flat Grid	23.0	50	27 6
A1/42	{ 100, 110, 115 200, 210, 220 230, 240, 250 }	500	ES.E27	64±2	128±7	75±5	"	24.5	50	26 6
A1/43	{ 100, 110, 115 200, 210, 220 230, 240, 250 }	500	GES.E40	64±2	135±10	90±5	"	23.0	50	26 6
A1/162ab	{ 200, 210, 220 230, 240, 250 }	500	Prefocus P28	32±2	133±7	55.5±0.5	Biplane	25.0	25	37 0
A1/9ab	110, 115	750	Prefocus P28	38±2	133±7	55.5±0.5	Biplane	26.5	25	42 6
A1/52bc	110, 115	750	ES 3 fin E27	38 max	145±8	81	Biplane	26.5	25	43 6
A1/53ab	{ 100, 110 200, 210, 220 230, 240, 250 }	750	BH 46	38±2	128±7	59±0.5	Biplane	26.5	25	42 6
A1/54ab	110, 115	750	ES.E27	38±2	128±7	75±5	Biplane	23.0	25	42 6
A1/163ab	{ 200, 210, 220 230, 240, 250 }	750	Prefocus P28	38±2	133±7	55.5±0.5	Biplane	26.5	25	41 6
A1/10	30	900	Large Pre- focus P.40	64±2	235±10	84±0.5	Flat Grid	23.0	50	42 6
A1/111	24, 30	900	GES.E40	64±2	230±10	120±5	"	28.0	50	41 0
A1/58	110	1000	Prefocus P28	64±2	133±7	55.5±0.5	Biplane	28.0	50	38 6
A1/59ab	110, 115	1000	Prefocus P28	38±2	133±7	55.5±0.5	Biplane	27.5	25	49 6
A1/60	110	1000	Large Pre- focus P40	64±2	235±10	84±0.5	Biplane	27.5	25	49 6
A1/91ab	110, 115	1000	BH 46	38±2	128±7	59±0.5	Biplane	27.5	25	49 6
A1/92ab	100	1000	BH 46	38±2	175	78	Biplane	27.5	25	49 6
A1/11	{ 100, 110, 115 200, 210, 220 230, 240, 250 }	1000	Large Pre- focus P40	64±2	235±10	84±0.5	Flat Grid	27.5	50	35 6
A1/57	{ 100, 110, 115 200, 210, 220 230, 240, 250 }	1000	GES.E40	64±2	230±10	120±5	"	25.0	50	33 0
A1/164	{ 200, 210, 220 230, 240, 250 }	1000	Prefocus P28	64±2	133±7	55.5±0.5	Biplane	25.0	25	49 6

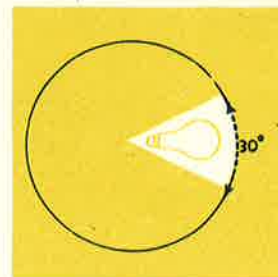
* Small letters following list numbers refer to Operational Notes below

Class A1 Operational Notes (a) Tip black sprayed.

(b) Forced cooling is necessary for these lamps so that no part of the wall of the bulb exceeds a temperature of 500°C.

(c) These lamps must be burned in the vertical cap up position.





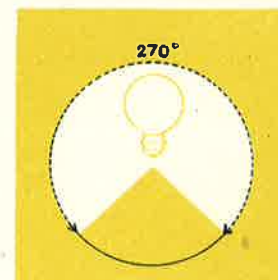
Class A3

Round bulbs. Burning position : lamp horizontal but filament vertical or within 15° of this position.

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.				
A3/1	$\left\{ \begin{array}{c} 110 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	100	ES.E27	70 ± 2	115 ± 10	95 ± 5	Flat Grid	$\begin{array}{c} 13.5 \\ 10.5 \end{array}$	300	11 9
A3/2	$\left\{ \begin{array}{c} 110 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	250	ES.E27	90 ± 2	160 ± 10	120 ± 5	Flat Grid	$\begin{array}{c} 16.0 \\ 14.0 \end{array}$	300	22 0

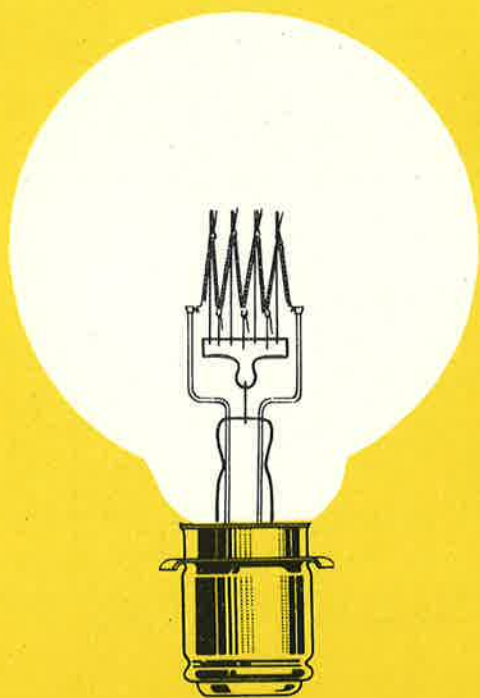
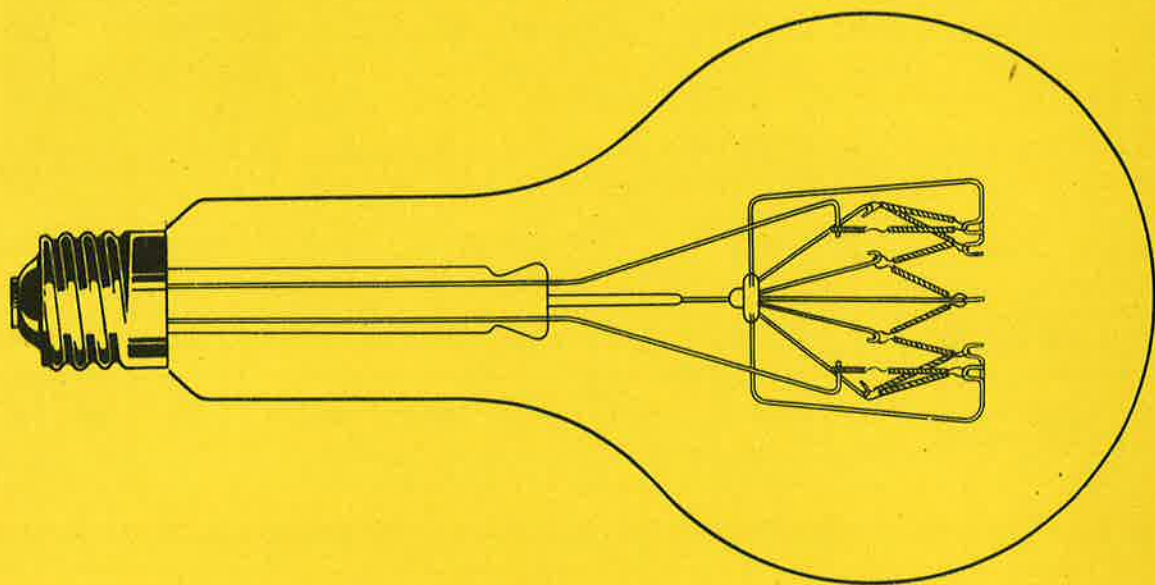
Class B1

Round Bulb. Any burning position except within 45° of vertical cap up. Used for flood-lighting 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 theatre.



B1/1	$\left\{ \begin{array}{c} 115 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	100	ES. E27	80 ± 2	115 ± 10	75 ± 5	Bunch	$\begin{array}{c} 11.0 \\ 9.5 \end{array}$	800	10 0
B1/2	$\left\{ \begin{array}{c} 115 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	250	ES. E27	95 ± 2	125 ± 10	75 ± 5	Bunch	$\begin{array}{c} 14.5 \\ 12.5 \end{array}$	800	19 3
B1/3	$\left\{ \begin{array}{c} 115 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	500	GES. E40	130 ± 5	180 ± 10	115 ± 5	Bunch	$\begin{array}{c} 16.5 \\ 15.0 \end{array}$	800	25 3
B1/4	$\left\{ \begin{array}{c} 115 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	1000	GES. E40	130 ± 5	180 ± 10	115 ± 5	Bunch	$\begin{array}{c} 18.5 \\ 16.5 \end{array}$	800	33 0
B1/5	$\left\{ \begin{array}{c} 110 \\ 210, 230 \\ 240, 250 \end{array} \right\}$	100	ES E27 or BC B22	75	144	115 ± 5	Bunch	$\begin{array}{c} 11.0 \\ 9.5 \end{array}$	800	10 0
B1/6	$\left\{ \begin{array}{c} 110 \\ 210, 230 \\ 240, 250 \end{array} \right\}$	150	ES. E27 or BC B22	75	144	115 ± 5	Bunch	$\begin{array}{c} 11.5 \\ 10.0 \end{array}$	800	20 3

All lamps in class A3 and B1 up to and including 250 Watts are subject to Purchase Tax of 18½ %



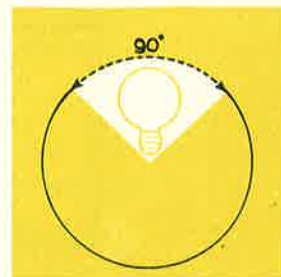
Class B2

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

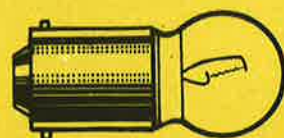
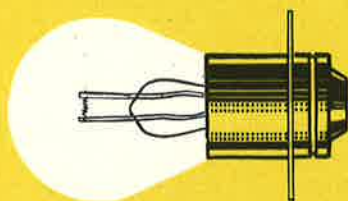
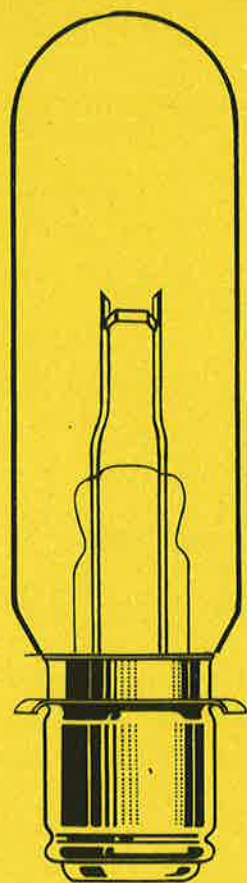
List No.	Volts	Watts	Cap	Dimensions mm.			Filament Formation	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
B2/1	$\left\{ \begin{array}{c} 115 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	500	GES. E40	130 ± 5	267 ± 8	202 ± 7	Bunch	$\begin{array}{c} 16.5 \\ 15.0 \end{array}$	800	25 3
B2/2	$\left\{ \begin{array}{c} 115 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	1000	GES. E40	150 ± 5	300 ± 9	225 ± 8	Bunch	$\begin{array}{c} 18.5 \\ 16.5 \end{array}$	800	33 0

Class E

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



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	Flat Grid	$\begin{array}{c} 24.0 \\ 22.0 \end{array}$	100	31 3
E/3	$\left\{ \begin{array}{c} 110 \\ 200, 210, 220 \\ 230, 240, 250 \end{array} \right\}$	500	ES E27	100 ± 5	135 ± 10	85 ± 5	Flat Grid	$\begin{array}{c} 24.0 \\ 22.0 \end{array}$	100	30 3



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.

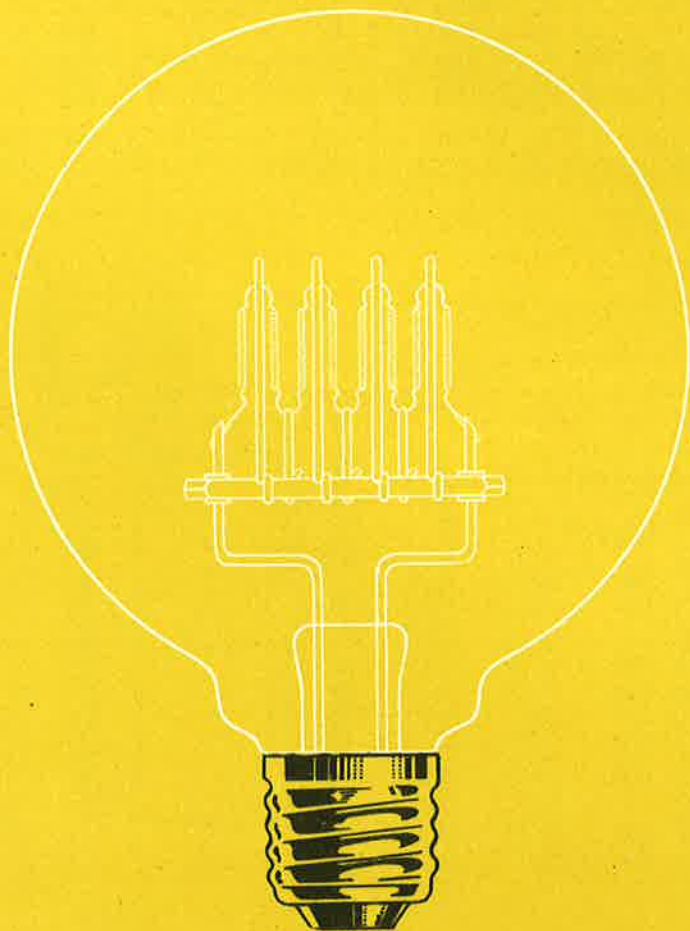
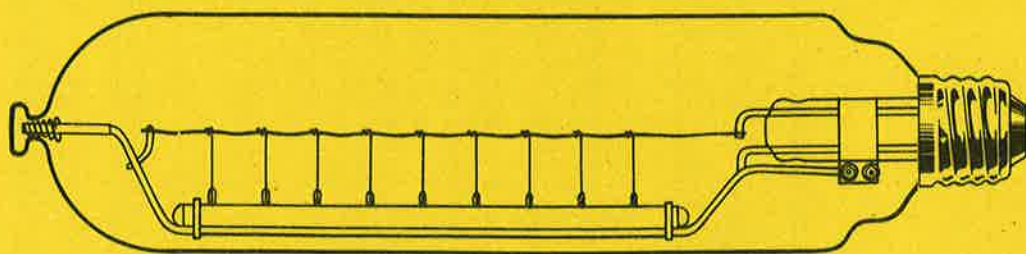
List No.	Volts	Watts	Cap	Dimensions mm.			Filament	Efficiency L/W.	Average Life (hours)	List Price s. d.
				Dia.	O/A length	L.C.L.				
F/30	4	8	SES. E14	35±2	62±5	52±5	Transverse	12.0	100	5 0
F/8	12	12	SBC. B15d.	37 max	57±5	40±3	"	16.5	100	4 6
F/24	6	24	ES. E27	38±2	57±5	47±5	"	16.0	100	4 0
F/10	6	24	SES. E14	38±2	60±5	50±5	"	16.0	100	4 0
F/3	12	24	SBC B15d.	38±2	60±5	44±5	"	18.0	100	4 0
F/10	12	24	SES. E14	38±2	60±5	50±5	"	18.0	100	4 0
F/11	12	24	SES. E14	38±2	60±5	41±3	"	18.0	100	4 0
F/1	6	30	SES. E14	35±2	57±5	47±5	"	20.0	25	6 6
F/23	6	30	ES. E27	35±2	63±5	53±5	"	14.0	200	6 6
F/25	6	30	ES. E27	35±2	63±5	53±5	"	20.0	25	6 6
F/26	6	30	SES. E14	35±2	65±5	47±5	"	14.0	200	6 6
F/41	6	30	SBC B15d.	35±2	58±5	40±5	"	20.0	25	6 6
F/2	6	48	SBC B15d.	35±2	60±5	40±3	"	16.0	100	8 3
F/7	8	48	SES. E14	40±3	60±5	41±3	"	18.0	100	8 3
F/4	12	48	SES. E14	50±2	70±5	40±3	Twin Pillar	20.0	100	6 0
F/13	12	48	ES. E27	50±2	70±5	38±5	Transverse	20.0	100	6 0
F/38	12	48	SBC B15d.	38±2	60±5	40±3	Transverse	20.0	100	6 0
							c/c			
F/42	12	48	Prefocus P28	50±2	75±5	18.5±0.5	Transverse	20.0	100	6 0
F/27	6	72	ES. E27	32±1	128±7	75±3	Transverse	19.5	100	11 9
							c/c			
F/40	6	100	BC. B22	60±1	90±5	55±5	Transverse	17.5	25	13 3
							c/c			
F/14	12	100	ES. E27	60±2	85±5	55±5	Transverse	22.0	100	13 3
F/43	12	100	B.20S	60±2	90±5	43±1	"	22.0	100	13 3
F/48	6	108	Prefocus P28	32±2	133±7	55.5±0.5	Axial Ribbon	18.5	50	34 0
F/49	6	108	ES. E27	32±2	128±7	75±5	"	18.5	50	33 0
F/50	6	108	Prefocus P28	32±2	133±7	55.5±0.5	Transverse Ribbon	18.5	50	34 0
F/51	6	108	ES. E27	32±2	128±7	75±5	"	18.5	50	33 0

All lamps in Class F up to and including 250 watts are subject to Purchase Tax of 18½%

Class G

Tubular bulb. Burning position: vertical cap down. Exciter lamps for sound film 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	PI5s	25±1	48±3	28.5±0.5	Transverse	10.5	50	7 0
G/2	4	0.75	SCC B15s	25±1	48±3	32±1.5	"	10.5	50	6 0
G/19	4	0.75	SCC. B15s	15±1	48±3	31.75±0.75	"	10.5	50	6 0
G/29	4	0.75	PI5s	16±1	57±3	28.5±0.5	"	10.5	50	7 0
G/4	6	1.0	SCC B15s	18±1	40±2	21.5±0.5	Axial	12.0	100	6 0
G/5	6	1.0	PI5s	16±1	57±3	28.5±0.5	"	12.0	100	6 0
G/16	27	1.0	SCC B15s	25±1	75±3	41±1	Transverse	18.0	100	9 0
G/6	8	2.0	SCC B15s	25±1	75±3	44±1	"	12.5	100	6 0
G/20	8	3.8	ES. E27	32±2	80±5	64±3	Axial	18.0	100	7 6
G/7	8	4.0	PI5s	25±1	75±3	37.3±0.5	Transverse	20.0	100	7 0
G/8	8	4.0	SCC. B15s	25±1	75±3	44±1	"	20.0	100	6 0
G/9	8.5	4.0	SCC. B15s	25±1	75±3	44±1	"	20.0	100	6 0
G/10	10	5.0	PI5s	25±1	75±3	37.3±0.5	"	22.0	100	9 0
G/11	10	5.0	SCC. B15s	25±1	75±3	41±1	"	22.0	100	8 0
G/12	10	5.0	SCC. B15s	25±1	75±3	44±1	"	22.0	100	8 0
G/22	4	6.0	SCC. B15s	25±1	49±3	31.5±1	"	12.0	100	6 6
G/23	5	6.5	PI5s	25±1	75±3	41±0.5	Axial	18.0	50	8 0
G/13	10	7.5	PI5s	25±1	75±3	37.3±0.5	Transverse	23.5	100	9 0
G/14	10	7.5	SCC. B15s	25±1	75±3	41±1	"	23.5	100	8 0
G/15	10	7.5	SCC. B15s	25±1	75±3	44±1	"	23.5	100	8 0



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/1	115	500	GES. E40	90±2	355±10	—	Axial	16.5	1000	38 6
FL/1	{ 200, 210, 220 230, 240, 250 }	500	GES. E40	90±2	355±10	—	..	15.0	1000	38 6
FL/2	115	1000	GES. E40	90±2	390±10	—	..	17.5	1000	49 6
FL/2	{ 200, 210, 220 230, 240, 250 }	1000	GES. E40	90±2	390±10	—	..	16.0	1000	49 6

Class S

Round bulb. Burning position cap down. Suitable for film and television studio lighting.

S/4	115	1000	Bipost	152.5±2	232±6	127±2	Flat Grid	24.0	100	71 6
S/4	{ 210, 230 240, 250 }	1000	Bipost	152.5±2	232±6	127±2	..	22.0	100	71 6
S/1	115	2000	Bipost	152.5±2	232±6	127±2	Flat Grid	26.0	100	93 6
S/1	{ 210, 230 240, 250 }	2000	Bipost	152.5±2	232±6	127±2	..	22.0	100	93 6
S/5	115	2000	GES. E40	150±2	220±10	134±5	Flat Grid	26.0	100	93 6
S/5	230, 240, 250	2000	GES. E40	150±2	220±10	134±5	..	22.0	100	93 6
S/2	115	5000	Bipost	203±2	335±6	165±2	Flat Grid	28.0	100	300 0
S/2	230, 240, 250	5000	Bipost	203±2	335±6	165±2	..	26.5	100	300 0

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	65	117.5	2	2 6
PP/2	{ 100/110, 200/210 220/230, 240/250 }	500	ES. E27	80	160	10	6 6

PEARL PHOTOGRAPHIC ENLARGERS

PPE/1	110, 210, 230, 250	500	ES. E27	100	175	100	22 0
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SIEMENS PROJECTOR LAMPS

FOR EVERY POPULAR British, American or European sub-standard cinema projector on the market, Siemens produce a suitable projector lamp. The lamps which are shown here can be supplied from stock or at short notice, but enquiries about other types and ratings are invited.

There are Siemens projector lamps also for lighting studios and theatre stages as well as providing ground approach aids for aircraft. Everyone is made to exacting specifications which guarantee that they are reliable and efficient under all normal circumstances. Backed by intensive research they incorporate many features which are of great advantage to the user, such as the small bulb diameters which allow as much light as possible to be collected by the condenser lenses and backing mirror, yet which are sufficiently large to prevent undue heating and early discolouration of the glass.

How to ensure maximum service from Siemens projector lamps

OPERATING PRECAUTIONS

- (a) The lamp should be burnt only in the recommended position, or else premature discolouration of the glass and failure may easily result.
- (b) A plentiful supply of air flowing past the lamp is essential. There should be no undue obstruction to the passage of air whether forced or convection cooling is used. (Catalogue indicates types requiring forced cooling).
- (c) Care must be taken not to overheat the lamp by allowing the motor to run slowly if the apparatus is fitted with a speed control.
- (d) The projector should not be run unless the motor and mechanism are in correct working order, because the filament of a high-efficiency lamp is easily affected by vibration owing to its high operating temperature.
- (e) Particular care should be taken that the projector is not moved with the lamp alight any more than is necessary for a correct picture.

SURGE LIMITATION

To protect a lamp from damage by the surge of current when switching on if it is mains or transformer operated, a series resistor, preferably in the form of a rheostat, may be incorporated in the circuit. This will limit the surge to approximately three times the normal current and its value may be calculated in the following manner:—

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

R is the Resistance in Ohms; V is the Supply or transformer output voltage; and W is the Lamp Wattage.

NOTE: *Within a few seconds of switching on, the resistor may be short circuited.*

VOLTAGE

It is essential that the voltage applied to the lamp contacts should not be more than that marked on the lamp. If there is any excess it will decrease the life of the lamp in a far greater proportion than the increase in light output.

PROJECTOR LAMPS

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

Projector	Model	Volts	Watts	Cap	List No.	List Price s. d.
Adiescope	Universal	12	100	Prefocus P28	A1/4	12 9
Adiescope	Universal	110	100	Prefocus P28	A1/4	12 9
Adiescope	Universal	200/250	100	Prefocus P28	A1/4	12 9
Agfa	Karator U	210/250	300	Prefocus P28	A1/154	28 6
Agfa	Karator U	200/250	250	Prefocus P28	A1/5	23 0
Aldis	Belshazzer	{ 110 200/250 }	500	Prefocus P28	A1/8	27 6
Aldis	Minor Film/Slide	{ 210/250 110 }	100	Prefocus P28	A1/4	12 9
Aldis	Epidiascope	{ 200/250 110 }	500	Prefocus P28	A1/8	27 6
Aldis	Epivisor 500	110	500	Prefocus P28	A1/8	27 6
Aldis	Epivisor 1000	110	1000	Prefocus P28	A1/58	49 6
Aldis	Aldiscope 500	{ 110 200/250 }	500	Prefocus P28	A1/8	27 6
Aldis	Aldiscope 1000	110	1000	Prefocus P28	A1/58	49 6
Aldis	Two-fifty	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Aldis	Three-Hundred	{ 100/115 210/250 }	300	Prefocus P28	{ A1/6 A1/154 }	28 6
Aldis	Five-Hundred	110/115	500	Prefocus P28	A1/7	37 0
Aldis	Seven-fifty	110/115	750	Prefocus P28	A1/9	42 6
Aldis	One-thousand	110	1000	Prefocus P28	A1/58	49 6
Aldis	Star 500	200/250	500	Prefocus P28	A1/162	37 0
Baker	Epidiascope	200/250	500	ES. E27	E/3	30 3
Barnet Ensign	Junior Epidiascope	{ 100/115 200/250 }	500	ES. E27	A1/42	26 6
Ross	Standard Epidiascope	200/250	1000	GES. E40	A1/57	33 0
Barnet Ensign						
Ross						
Corfield	35mm. Slide Projector	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Corfield	35mm. Slide Projector	100/115	300	Prefocus P28	A1/6	28 6
Corfield	35mm. Slide Projector	210/250	300	Prefocus P28	A1/154	28 6
Dufay	Film/Slide	110	100	Prefocus P28	A1/4	12 9
Dufay	Film/Slide	110	200	Prefocus P28	A1/13	19 6
Dufay	Film/Slide	110	250	Prefocus P28	A1/5	23 0
Dufay	Film/Slide (Transformer)	30	100	Prefocus P28	A1/3	12 9
Dufay	Film/Slide	50	200	Prefocus P28	A1/13	24 0
Dufay	Film/Slide	50	250	Prefocus P28	A1/5	24 0
E.D.P.	Filmstrip	{ 12 200/250 }	100	Prefocus P28	A1/4	12 9
Eduscope	Filmstrip	200/250	250	Prefocus P28	A1/5	23 0
Elite	Film/Slide H.J. 250	200/250	100	Prefocus P28	A1/4	12 9
Elite	Film/Slide H.J. 250	200/250	250	Prefocus P28	A1/5	23 0
Elite	Film/Slide H.J. 500	110	500	Prefocus P28	A1/7	37 0
Elite	Film/Slide H.J. 750	110	750	Prefocus P28	A1/9	42 6
G.B.	Film/Slide	12	100	Prefocus P28	A1/4	12 9
G.B.	250 Projector	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Gnome	Film/Slide	200/250	100	Prefocus P28	A1/4	12 9
Hilger	Spekker Absorptiometer	12	100	Prefocus P28	A1/4	12 9
Hilger	Inspection Enlarger	12	100	ES. E27	F/14	13 3
Hilger	Production Projector	12	150	Prefocus P28	A1/104	16 6
Hunter	Filmstrip	200/250	100	Prefocus P28	A1/4	12 9

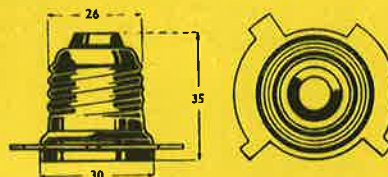
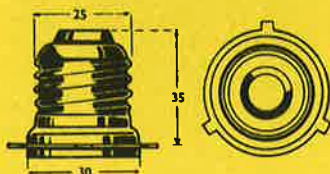
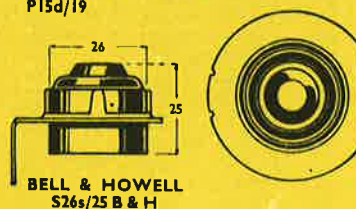
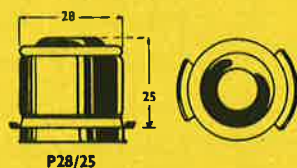
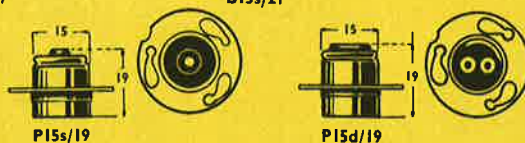
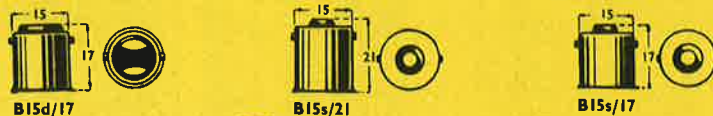
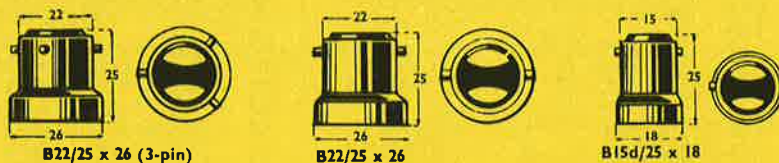
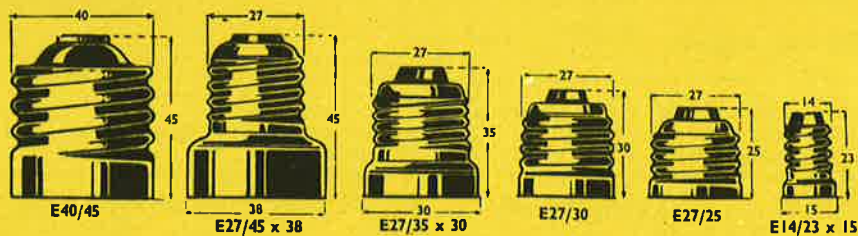
Projector	Model	Volts	Watts	Cap	List No.	List Price s. d.
Ihagee	Film/Slide	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Johnson	Optiscope 12	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Johnson	Optiscope 12	{ 100/115 200/250 }	500	Prefocus P28	A1/8	27 6
Johnson	Diascope 3 & 6	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Johnson	Diascope 3 & 6	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Johnson	Autoscope 1	10	75	SCC. B15s	G/14	8 0
Johnson	Autoscope 1A	100	300	Prefocus P28	A1/6	28 6
Johnson	Autoscope 3	110	500	Prefocus P28	A1/7	37 0
Johnson	Publicity	110	500	Prefocus P28	A1/7	37 0
Johnson	Fafix	110	50	SCC. B15s	A1/2	7 3
Johnson	Episcope MK II	{ 110 200/250 }	500	ES. E27	E/3	30 3
Kodak	Kodaslide	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Kodak	Retina	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Kodak	Retina	100/115	300	Prefocus P28	A1/6	28 6
Kodak	Retina	210/250	300	Prefocus P28	A1/154	28 6
Kodak	Spotlight	{ 100/115 200/250 }	500	ES. E27	A1/42	26 6
Kodak	Spotlight	{ 110 200/250 }	500	ES. E27	E/3	30 3
Leech	Film/Slide	210/250	300	Prefocus P28	A1/154	28 6
Leitz	VIIIC	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Leitz	VIIIS	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Leitz	VIIIS	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Leitz	Epidiascope	200/250	500	ES. E27	E/3	30 3
Mole-Richardson	{ Solar Spot Lantern M.R.206 }	200/250	500	Prefocus P28	A1/8	27 6
Neokon	De Luxe	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Neokon	De Luxe	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Neokon	Fireside	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Neokon	Universal	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Neokon	Universal	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Newton	Wigmore Diascope	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Newton	Adaptable Diascope	{ 100/115 200/250 }	500	Prefocus P28	A1/8	27 6
Newton	Diascope D	30	900	GES. E40	A1/111	38 6
Newton	Diascope D	{ 100/115 200/250 }	500	Prefocus P28	A1/8	27 6
Newton	Institution Diascope 2	30	900	GES. E40	A1/111	38 6
Newton	Film Strip FS1/500	12	24	SES. E14	F/11	4 0
Newton	Hand Ediscope	{ 100/115 200/250 }	500	Prefocus P28	A1/8	27 6
Newton	Epidiascope W.G.50	{ 100/115 200/250 }	500	Prefocus P28	A1/8	27 6

PROJECTOR LAMPS

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

Projector	Model	Volts	Watts	Cap	List No.	List Price s. d.
Newton	Epidiascope W.F.50	{ 100/115 200/250 }	500	Prefocus P28	A1/8	27 6
Newton	Epidiascope N.A.	{ 115 200/250 }	500	Prefocus P28	E/1	31 3
Newton	Lightmaster	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Newton	Lightmaster	210/250	300	Prefocus P28	A1/154	28 6
Newton	Projection Microscope I.	100	100	SBC. B15d.	A1/121	12 9
Newton	Profile Projector	12	100	ES. E27	F/14	13 3
Newton	Rota Visor	50	250	Prefocus P28	A1/15	24 0
Pullin	PPI	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Pullin	PPI	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Pullin	PP2	12	100	Prefocus P28	A1/4	12 9
Pullin	PP3	{ 100/115 200/250 }	250	Prefocus P28	A1/5	23 0
Pullin	PP3	110, 115	500	Prefocus P28	A1/7	37 0
Raymaster	Film/Slide	200/250	100	Prefocus P28	A1/4	12 9
Ross	Epidiascope	200/250	1000	GES. E40	A1/57	33 0
Watson	Film/Slide	{ 100/115 200/250 }	100	Prefocus P28	A1/4	12 9
Watson	Regulite Microscope	6	30	ES. E27	F/25	6 6
Watson	School Micro Projector	6	24	SES. E14	F/10	4 0
Watson Manasty	Skolascope	10	75	SCC B15s	G/14	8 0

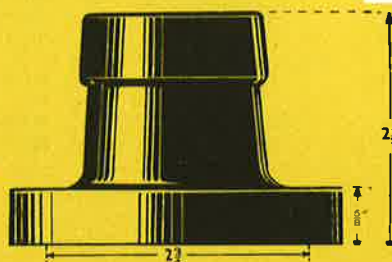
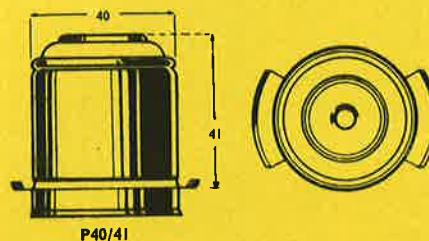
CAPS APPROXIMATE DIMENSIONS IN MILLIMETRES



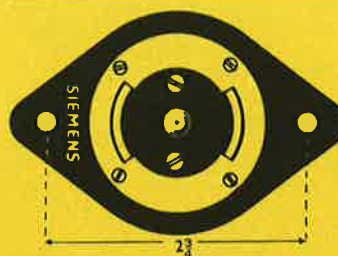
"MEDIUM" PRE-FOCUS LAMPHOLDER TYPE M.P.S.

Heavy Duty all-insulated type suitable for use with complete range of lamps having P28/25 Caps.

PRICES ON APPLICATION



FIXING CENTRES



FIXING CENTRES

PROJECTOR LAMPS

SIEMENS

Recommended for Cine Projectors.

Projector	Film size mm.	Model	Volts	Watts	Cap	List No.	List Price s. d.
Ace	9.5 or 16	Ace Specto Standard	110	200	Prefocus P28	AI/13	19 6
Ace	9.5 or 16	Ace Specto Educational	50	250	Prefocus P28	AI/5	24 0
Agfa	16	Movector " Billy "	100/115	100	SCC.B15s	AI/21	12 9
Agfa	8	Movector	100	200	SCC.B15s	AI/26	18 6
Agfa	16	SS. 50	100	100	SCC.B15s	AI/21	12 9
Agfa	16	SS. 100	100	200	SCC.B15s	AI/26	18 6
Agfa	16	Record	110	50	SCC.B15s	AI/2	7 3
Agfa	16	A.AS	30	100	Prefocus P28	AI/3	12 9
Agfa	16	AL	50	250	Prefocus P28	AI/5	24 0
Ampro	8	A.8	110	500	Prefocus P28	AI/7	37 0
Ampro	16	J, JD, and JS	100, 115	500	Prefocus P28	AI/7	37 0
Ampro	16	K, KD, and KS	110, 115	500	Prefocus P28	AI/7	37 0
Ampro	16	K, KD, and KS	110, 115	750	Prefocus P28	AI/9	42 6
Ampro	16	YC	110, 115	500	Prefocus P28	AI/7	37 0
Ampro	16	YC	110, 115	750	Prefocus P28	AI/9	42 6
Ampro	16	YC	110, 115	1000	Prefocus P28	AI/59	49 6
Ampro	16	Imperial	110, 115	750	Prefocus P28	AI/9	42 6
Ampro	16	Amprosound M	110, 115	500	Prefocus P28	AI/7	37 0
Ampro	16	Amprosound N, L & U	110, 115	500	Prefocus P28	AI/7	37 0
Ampro	16	Amprosound N, L & U	110, 115	750	Prefocus P28	AI/9	42 6
Ampro	16	Amprosound UA & UAB	110, 115	500	Prefocus P28	AI/7	37 0
Ampro	16	Amprosound UA & UAB	110, 115	750	Prefocus P28	AI/9	42 6
Ampro	16	Amprosound XA, Y, YA & YSA	110, 115	500	Prefocus P28	AI/7	37 0
Ampro	16	Amprosound XA, Y, YA & YSA	110, 115	750	Prefocus P28	AI/9	42 6
Ampro	16	Amprosound XA, Y, YA & YSA	110, 115	1000	Prefocus P28	AI/59	49 6
Ampro	16	Premier 20	110, 115	750	Prefocus P28	AI/9	42 6
Ampro	16	Premier 20	110, 115	1000	Prefocus P28	AI/59	49 6
Ampro	16	Repeater	110, 115	500	Prefocus P28	AI/7	37 0
Ampro	16	Repeater	110, 115	750	Prefocus P28	AI/9	42 6
Ampro	16	Stylist	100, 115	750	Prefocus P28	AI/9	42 6
Autocrat	16	One	50	250	Prefocus P28	AI/15	24 0
Bell & Howell	16	57A, 57B, 57C, 57D, 57E	50	250	BH.38	AI/85	24 0
Bell & Howell	16	57F, 57G & 57H	50	250	BH.38	AI/85	24 0
Bell & Howell	16	57M & 57N	110	300	BH.46	AI/86	35 0
Bell & Howell	16	57J & 57JL	110	400	BH.38	AI/87	35 0
Bell & Howell	16	57JS	100, 110	750	BH.46	AI/53	42 6
Bell & Howell	16	57LS	110	750	BH.46	AI/53	42 6
Bell & Howell	16	57JJ	110	750	BH.46	AI/53	42 6
Bell & Howell	16	57R & 57S	110	500	BH.38	AI/47	37 0
Bell & Howell	16	57RT & 57ST	110	750	BH.46	AI/53	42 6
Bell & Howell	16	57RU & 57SU	110	750	BH.46	AI/53	42 6
Bell & Howell	16	129A & 129C	110	750	BH.46	AI/53	42 6
Bell & Howell	16	129B, 129D & 129E	100	750	BH.46	AI/53	42 6
Bell & Howell	16	130A, 130B, 130C, 130D, 130E, 130F, 130G	100	1000	BH.46	AI/92	49 6
Bell & Howell	8	122B	110	400	BH.38	AI/87	35 0
Bell & Howell	16	Filmomaster	110	750	BH.46	AI/53	42 6
Bell & Howell	16	Vocational	110	500	BH.46	AI/47	37 0
Bell & Howell	16	Diplomat	110	750	BH.46	AI/53	42 6
Bell & Howell	16	Showmaster	100	750	BH.46	AI/53	42 6
Bell & Howell	16	Auditorium	100	1000	BH.46	AI/92	49 6
Bell & Howell	16	Filmosound 138	110	750	BH.46	AI/53	42 6
Bell & Howell	16	Filmosound 120A, 120B & 120C	110	500	BH.46	AI/160	37 0
Bell & Howell	16	Filmosound 120D & 120K	110	750	BH.46	AI/53	42 6
Bell & Howell	16	Filmosound 130	100	1000	BH.46	AI/92	49 6
Bell & Howell	16	Filmosound Commercial	110	750	BH.46	AI/53	42 6

Projector	Film size mm.	Model	Volts	Watts	Cap	List No.	List Price s. d.
Bell & Howell	16	Filmosound Academy	110	750	BH.46	A1/53	42 6
Bell & Howell	16	Filmosound Utility	110	750	BH.46	A1/53	42 6
Bell & Howell	16	Filmosound Victory	110	750	BH.46	A1/53	42 6
Bell & Howell	16	Filmosound Master	110	750	BH.46	A1/53	42 6
Bell & Howell	16	Filmosound Auditorium	100	1000	BH.46	A1/92	49 6
Bell & Howell	16	Model 156	110	750	BH.46	A1/53	42 6
Bell & Howell	16	Model 156	110	1000	BH.46	A1/91	49 6
Bell & Howell	16	Model 179	110	750	BH.46	A1/53	42 6
Bell & Howell	16	Model 179	110	1000	BH.46	A1/91	49 6
B.T.H.	16	Model SR. Form B	110	300	Prefocus P28	A1/6	28 6
B.T.H.	16	301	115	750	Prefocus P28	A1/9	42 6
Carpenter	16	—	110	750	Prefocus P28	A1/9	42 6
Carpenter	16	—	110	1000	Prefocus P28	A1/59	49 6
Coronet	9.5	Model I	40	15	SCC.B15s	A1/73	4 0
Coronet	9.5	Model II	40	15	SCC.B15s	A1/73	4 0
Coronet	9.5	Model IIA	115	50	SCC.B15s	A1/2	7 3
Danson	16	D23	115	300	Prefocus P28	A1/6	28 6
Danson	16	D23A	115	500	Prefocus P28	A1/7	37 0
Danson	16	D23A	115	750	Prefocus P28	A1/9	42 6
Danson	16	540	115	500	Prefocus P28	A1/7	37 0
Danson	16	540	115	750	Prefocus P28	A1/9	42 6
Debie	16	D.16 Professional	110	750	ES.3 fin E.27	A1/52	43 6
Debie	16	D.16 Silent	115	500	ES.3 fin E.27	A1/153	38 0
Debie	16	D.16 Silent	110	750	ES.3 fin E.27	A1/52	43 6
Debie	16	D.16 6 watt	115	500	ES.3 fin E.27	A1/153	38 0
Debie	16	D.16 6 watt	110	750	ES.3 fin E.27	A1/52	43 6
Debie	16	D.16 12 watt	115	500	ES.3 fin E.27	A1/153	38 0
Debie	16	D.16 12 watt	110	750	ES.3 fin E.27	A1/52	43 6
Debie	16	D.16 Essex	115	500	ES.3 fin E.27	A1/153	38 0
Debie	16	D.16 Essex	110	750	ES.3 fin E.27	A1/52	43 6
Debie	16	D.16 20 watt	115	500	ES.3 fin E.27	A1/153	38 0
Debie	16	D.16 20 watt	110	750	ES.3 fin E.27	A1/52	43 6
De Vry	16	CS and SS Sound	110	500	Prefocus P28	A1/7	37 0
De Vry	16	CS and SS Sound	110	750	Prefocus P28	A1/9	42 6
De Vry	16	CS and SS Sound	110	1000	Prefocus P28	A1/59	49 6
De Vry	16	Model D	50	250	Prefocus P28	A1/5	24 0
Dekko	8	118A and 118B	110	500	Prefocus P28	A1/7	37 0
Dekko	9.5	119A and 119B	110	500	Prefocus P28	A1/7	37 0
Dekko	8	118C	110	750	Prefocus P28	A1/9	42 6
Dekko	9.5	48	115	50	SCC. B15s	A1/2	7 3
Dekko	16	126A and 126B	110	500	Prefocus P28	A1/7	37 0
Dekko	16	126C and 119C	110	750	Prefocus P28	A1/9	42 6
Ditmar	8-9.5	Dual	200/250	250	Prefocus P28	A1/5	23 0
Ditmar	8-9.5	Dual	110	500	Prefocus P28	A1/7	37 0
Ditmar	9.5-16	Dual	110	250	Prefocus P28	A1/5	23 0
Ditmar	9.5-16	Dual	110	300	Prefocus P28	A1/6	28 6
Ditmar	9.5-16	Dual	210/250	300	Prefocus P28	A1/154	28 6
Ditmar	8-16	Dual 2960	110, 115	750	Prefocus P28	A1/9	42 6
Durnos	16	Model L	110, 115	750	Prefocus P28	A1/9	42 6
Durnos	16	Model L	110, 115	1000	Prefocus P28	A1/59	49 6
Ensign	16	100 B	110	100	Prefocus P28	A1/4	12 9
Ensign	16	300 B	110	300	Prefocus P28	A1/6	28 6
Ensign	16	Super-Sixteen	50	200	ES. E27	A1/12	23 0
Ensign	16	Super-Sixteen	50	250	ES. E27	A1/14	23 0
Eumig	8,9.5,16	PIII	115	250	Prefocus P28	A1/5	23 0
Eumig	8,9.5,16	PIII	200/250	250	Prefocus P28	A1/5	23 0
Eumig	8,9.5,16	PIII	100	300	Prefocus P28	A1/6	28 6
Eumig	8,9.5,16	Super	200/250	250	Prefocus P28	A1/5	23 0
Eumig	8,9.5,16	Super	110	400	Prefocus P28	A1/39	35 0
G. B. Bell and Howell	16	Model 601	110	750	BH.46	A1/53	42 6
"	16	Model 601	110	1000	BH.46	A1/91	49 6
"	16	Model 602	110	750	BH.46	A1/53	42 6
"	8	Model 606 (Screen-master)	110	400	BH.38	A1/87	35 0
"	16	Model 613	110	750	BH.46	A1/53	42 6
"	16	Model 621	110	750	BH.46	A1/53	42 6
Gebescope	16	A	50	200	Prefocus P28	A1/13	24 0
Gebescope	16	A	50	250	Prefocus P28	A1/5	24 0

... PROJECTOR LAMPS

Projector	Film size mm.	Model	Volts	Watts	Cap	List No.	List Price s. d.
Gebescope	16	B	50	200	Prefocus P28	A1/13	24 0
Gebescope	16	B	50	250	Prefocus P28	A1/5	24 0
Gebescope	16	C	50	250	Prefocus P28	A1/5	24 0
Gebescope	16	K516	100	200	BC.3 pin B22	A1/80	26 0
Gebescope	16	L516	110	500	BC.3 pin B22	A1/46	37 0
Gebescope	16	H16	110	750	BH.46	A1/53	42 6
Gebescope	16	L16	110	200	Prefocus P28	A1/13	19 6
Gebescope	16	F.16 Silent	115	500	Prefocus P28	A1/7	37 0
G.B.	35	N. Portable	110	1000	GES. E40	A1/57	33 0
Holmes	16	Sound	110/115	500	Prefocus P28	A1/7	37 0
Holmes	16	Sound	110/115	750	Prefocus P28	A1/9	42 6
Holmes	16	Sound	110	1000	Prefocus P28	A1/59	49 6
Holmes	35	Portable	110	1000	Large Prefocus P40	A1/11	35 6
Keystone	16	A72	110	300	Prefocus P28	A1/6	28 6
Keystone	16	A75	110	500	Prefocus P28	A1/7	37 0
Keystone	16	A81	110	750	Prefocus P28	A1/9	42 6
Keystone	8	L8	110	300	Prefocus P28	A1/6	28 6
Keystone	8	L8	110	500	Prefocus P28	A1/7	37 0
Keystone	8	J8	110	300	Prefocus P28	A1/6	28 6
Kodak	16	A	50	200	ES. E27	A1/12	23 0
Kodak	16	A	50	200	Prefocus P28	A1/13	24 0
Kodak	16	A	50	250	Prefocus P28	A1/5	24 0
Kodak	16	B Self Thread	50	200	Prefocus P28	A1/13	24 0
Kodak	16	B Self Thread	50	250	Prefocus P28	A1/5	24 0
Kodak	16	C (Business Kodascope)	100, 110, 115	100	Prefocus P28	A1/4	12 9
Kodak	16	C (Business Kodascope)	100	300	Prefocus P28	A1/6	28 6
Kodak	16	Model C	100	400	Prefocus P28	A1/39	35 0
Kodak	16	D	100	300	Prefocus P28	A1/6	28 6
Kodak	16	D	100	400	Prefocus P28	A1/39	35 0
Kodak	16	E	100	300	Prefocus P28	A1/6	28 6
Kodak	16	EE	100	300	Prefocus P28	A1/6	28 6
Kodak	16	G	110	300	Prefocus P28	A1/6	28 6
Kodak	16	G	110	500	Prefocus P28	A1/7	37 0
Kodak	16	G	110	750	Prefocus P28	A1/9	42 6
Kodak	16	GA	110	300	Prefocus P28	A1/6	28 6
Kodak	16	GA	110	500	Prefocus P28	A1/7	37 0
Kodak	16	GA	110	750	Prefocus P28	A1/9	42 6
Kodak	16	K	50	250	Prefocus P28	A1/5	24 0
Kodak	16	K	110	500	Prefocus P28	A1/7	37 0
Kodak	16	K	100	300	Prefocus P28	A1/6	28 6
Kodak	16	K	110	750	Prefocus P28	A1/9	42 6
Kodak	16	L	100	300	Prefocus P28	A1/6	28 6
Kodak	16	L	110	500	Prefocus P28	A1/7	37 0
Kodak	16	L	110	750	Prefocus P28	A1/9	42 6
Kodak	8	8/30	100	100	SCC. B15s	A1/21	12 9
Kodak	8	8/33	110	300	Prefocus P28	A1/6	28 6
Kodak	8	8/33	110	400	Prefocus P28	A1/39	35 0
Kodak	8	8/33	110	500	Prefocus P28	A1/7	37 0
Kodak	8	8/35 Home	100	200	SCC. B15s	A1/26	18 6
Kodak	8	8/40 Home de Luxe	100	200	SCC. B15s	A1/26	18 6
Kodak	8	8/50R	110	200	Prefocus P28	A1/13	19 6
Kodak	8	8/70	100	300	Prefocus P28	A1/6	28 6
Kodak	8	8/71	110	300	Prefocus P28	A1/6	28 6
Kodak	8	8/71	110	400	Prefocus P28	A1/39	35 0
Kodak	8	8/71	110	500	Prefocus P28	A1/7	37 0
Kodak	8	8/71	110	750	Prefocus P28	A1/9	42 6
Kodak	8	8/71	110	1000	Prefocus P28	A1/59	49 6
Kodak	8	8/80	100	300	Prefocus P28	A1/6	28 6
Kodak	16	{ 16/10 16/10R 16/20 }	115	{ 400 500 750 1000 }	Prefocus P28 {	{ A1/39 A1/7 A1/9 A1/59 }	{ 35 0 37 0 42 6 49 6 }

Projector	Film size mm.	Model	Volts	Watts	Cap	List No.	List Price s. d.
Kodak	8	Kodatoy	115	50	SCC. B15s	A1/2	7 3
Paillard-Bolex	16	P	110	250	Prefocus P28	A1/5	23 0
Paillard-Bolex	16	PA	110	250	Prefocus P28	A1/5	23 0
Paillard-Bolex	16	D	110	250	Prefocus P28	A1/5	23 0
Paillard-Bolex	16	D	110	400	Prefocus P28	A1/39	35 0
Paillard-Bolex	16	DA	110	400	Prefocus P28	A1/39	35 0
Paillard-Bolex	16	GEHOH	110	500	Prefocus P28	A1/7	37 0
Paillard-Bolex	16	G816 DUHOH	110	500	Prefocus P28	A1/7	37 0
Paillard-Bolex	16	G3 TRIOH	110	500	Prefocus P28	A1/7	37 0
Paillard-Bolex	16	GESBA	110	500	Prefocus P28	A1/7	37 0
Paillard-Bolex	16	DUS BA	110	500	Prefocus P28	A1/7	37 0
Paillard-Bolex	16	TRUBA	110	500	Prefocus P28	A1/7	37 0
Paillard-Bolex	16	GETRA	110	750	Prefocus P28	A1/9	42 6
Paillard-Bolex	16	DUTRA	110	750	Prefocus P28	A1/9	42 6
Paillard-Bolex	16	TRIRA	110	750	Prefocus P28	A1/9	42 6
Paillard-Bolex	8	M/8	110	500	Prefocus P28	A1/7	37 0
Paillard-Bolex	8	M/8R	110	500	Prefocus P28	A1/7	37 0
Pathescope	9.5	200B	110	200	Pathe	A1/81	19 6
Pathescope	9.5	200 Plus	110	200	Pathe	A1/81	19 6
Pathescope	9.5	Vox	15	200	Pathe	A1/105	26 6
Pathescope	9.5	Super Vox	31	400	Pathe	A1/108	50 6
R.C.A.	16	PB29, PG38	110	100	SCC. B15s	A1/21	12 9
R.C.A.	16	PB80, PG60	110	400	Prefocus P28	A1/39	35 0
R.C.A.	16	PB80, PG60	110	500	Prefocus P28	A1/7	37 0
R.C.A.	16	PG139, PG71	110	750	Prefocus P28	A1/9	42 6
Ross	35	Portable	100/115	250	ES. E27	A1/14	22 0
Siemens	16	Standard Model II	50	250	Prefocus P28	A1/15	24 0
Siemens	Dual	Sixteen-Nine	50	250	Prefocus P28	A1/15	24 0
Siemens	8	H8	50	250	Prefocus P28	A1/15	24 0
S.P.	—	Standard	110	300	Prefocus P28	A1/6	28 6
S.P.	—	Wundatone	110	300	Prefocus P28	A1/6	28 6
Sofil	16	Minor	50	200	SCC. B15s	A1/151	23 0
Sofil	16	De Luxe	50	200	SCC. B15s	A1/151	23 0
Sound Services	16	Talkiestrip	200/250	250	Prefocus P28	A1/5	23 0
Sound Services	16	Brook	115	750	Prefocus P28	A1/9	42 6
Sound Services	16	Brooklet	115	750	Prefocus P28	A1/9	42 6
Specto	8	Standard	110	200	Prefocus P28	A1/13	19 6
Specto	9.5	Standard	30	100	Prefocus P28	A1/3	12 9
Specto	16	Standard	30	100	Prefocus P28	A1/3	12 9
Specto	8-16	Dual	30	100	Prefocus P28	A1/3	12 9
Specto	8-9.5	Dual	30	100	Prefocus P28	A1/3	12 9
Specto	9.5-16	Dual	30	100	Prefocus P28	A1/3	12 9
Specto	9.5	Educational A.C.	50	250	Prefocus P28	A1/15	24 0
Specto	9.5	Educational A.C.-D.C.	115	250	Prefocus P28	A1/5	23 0
Specto	16	Educational A.C.	50	250	Prefocus P28	A1/15	24 0
Specto	16	Educational A.C.-D.C.	115	250	Prefocus P28	A1/5	23 0
Specto	9.5-16	Educational Dual A.C.	50	250	Prefocus P28	A1/15	24 0
Specto	9.5-16	Educational Dual A.C.-D.C.	115	250	Prefocus P28	A1/5	23 0
Specto	16	Analysing	50	250	Prefocus P28	A1/15	24 0
Specto	9.5	500	115	500	Prefocus P28	A1/7	37 0
Specto	16	500	115	500	Prefocus P28	A1/7	37 0
Specto	9.5-16	500 Dual	115	500	Prefocus P28	A1/7	37 0
Specto	8	500	115	500	Prefocus P28	A1/7	37 0
Specto	16	Spectone	115	500	ES.3 fin E27	A1/153	38 0
Victor	16	Silent	115	500	Prefocus P28	A1/7	37 0
Victor	16	Silent	115	750	Prefocus P28	A1/9	42 6
Victor	16	24B Animatophone	110	1000	Prefocus P28	A1/59	49 6
Victor	16	24B Animatophone	110	750	Prefocus P28	A1/9	42 6
Victor	16	25 AC. Animatophone	110	1000	Prefocus P28	A1/59	49 6
Victor	16	25 A.C. Animatophone	110	750	Prefocus P28	A1/9	42 6
Victor	16	26 Animatophone	115	500	Prefocus P28	A1/7	37 0
Victor	16	Grey Line	110	750	Prefocus P28	A1/9	42 6
Victor	16	Grey Line	110	1000	Prefocus P28	A1/59	49 6
Zeiss Ikon	16	Kinox	50	200	Prefocus P28	A1/13	24 0
Zeiss Ikon	16	Kinox	110	500	Prefocus P28	A1/7	37 0

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TERMS AND CONDITIONS

Resale

SIEMENS ELECTRIC LAMPS must be retailed at the list prices only as set forth in this Catalogue. Acceptance of SIEMENS 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 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.

Siemens Electric Lamps and Supplies Limited

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

Telephone : CENTRAL 2332 (20 lines) Telegrams : "SIEMOTOR, CENT, LONDON"



BELFAST:

41, Queen Street. Tel.: Belfast 20437

BIRMINGHAM, 4:

Siemens House, 8-10, Albert Street.
Tel.: Midland 0072 & 0073

BRISTOL, 4:

Siemens House, Bath Road,
Brislington.
Tel.: Bristol South 76051 & 76052

CARDIFF:

Siemens House, Hill's Street.
Tel.: Cardiff 32276

DUBLIN, C.1 (Eire):

52, William Street.
Tel.: Dublin 77354 & 77355

EDINBURGH:

Siemens House, 18, Forth Street.
Tel.: Edinburgh Waverley 1972

GLASGOW, C.2:

19-23, West Campbell Street.
Tel.: Central 2821 & 2822

LEEDS, 1:

54, Wellington Street.
Tel.: Leeds 27395

LEICESTER:

8, Albion Street. Tel.: Granby 1122

LIVERPOOL, 2:

20, Banastre Street.
Tel.: Central 2260 & 3053

MANCHESTER, 13:

92-94, Oxford Road.
Tel.: Ardwick 4118 & 4119

NEWCASTLE-ON-TYNE, 1:

Siemens House, Carlill Square.
Tel.: Newcastle 20641 & 20642

NOTTINGHAM, 4:

4, Castle Boulevard.
Tel.: Nottingham 45810

PRESTON:

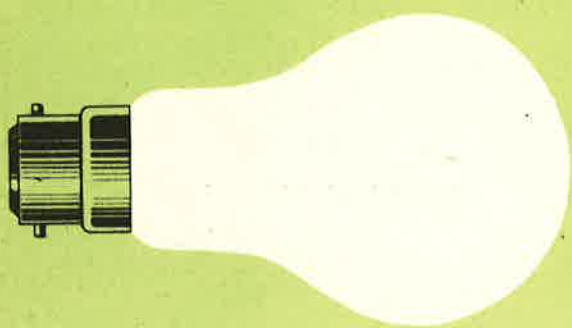
Sales Depot, Lamp Works, Fylde Rd.
Tel.: Preston 3705

SHEFFIELD, 1:

57-59, West Street.
Tel.: Sheffield 25259



British made throughout



SIEMENS

**AUTOMOBILE &
TRANSPORT LAMPS**

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All lamps are Group II except where otherwise stated.

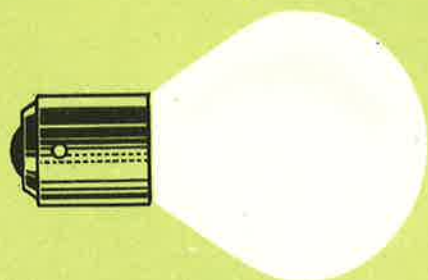
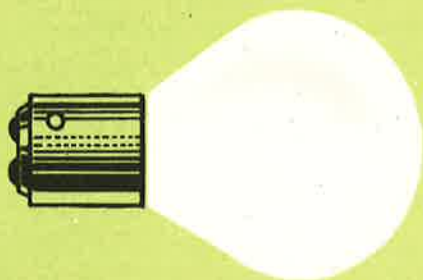
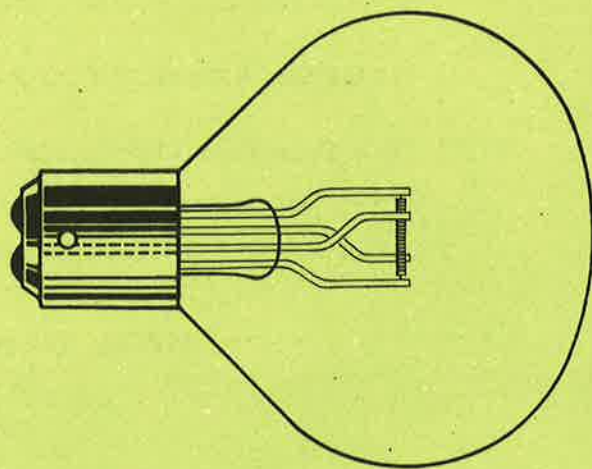
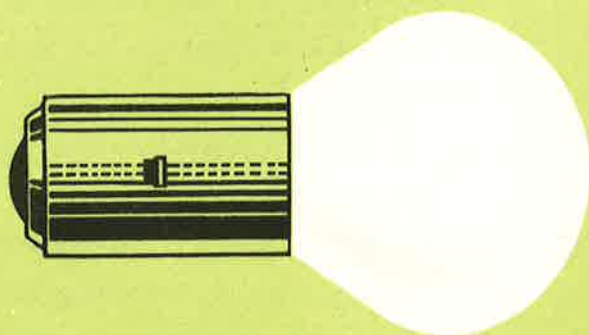
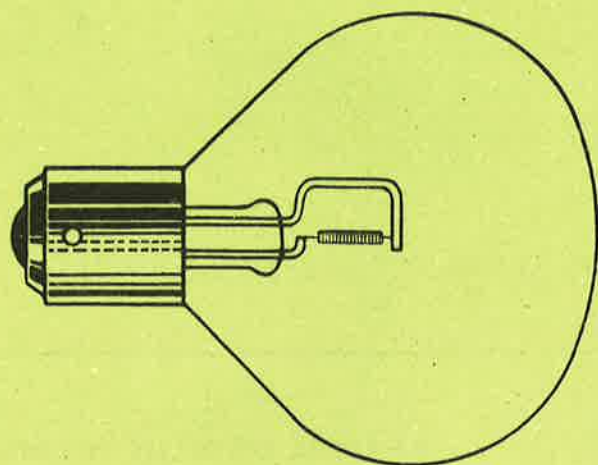
THERE'S MORE IN A LAMP THAN MEETS THE EYE . . .

Look through the pages of this catalogue and you'll immediately see the reason why. Every Siemens lamp is made to the rigorous specifications of the British Standards Institution. Each lamp will do all that's claimed for it and more besides. You can stake your reputation on that. And what is even more important to *you*: Siemens give all round, honest-to-goodness service. After all, Siemens have not been pioneers and leaders in the electrical industry for almost 100 years without knowing a thing or two about manufacturing *and* selling! Unusually large stocks of all types of lamps are deliberately maintained at Siemens branches all over the country. You can be sure that what you order, you'll get—and promptly too.

SIEMENS ADVISORY SERVICE

Call in Siemens on any lighting problem when you feel outside help would be an advantage. The services of a Siemens lighting engineer will be gladly placed at your disposal.

MAKE LIGHT OF IT WITH SIEMENS!



HEADLAMPS SINGLE FILAMENT

Filament: Axial, except where otherwise stated.

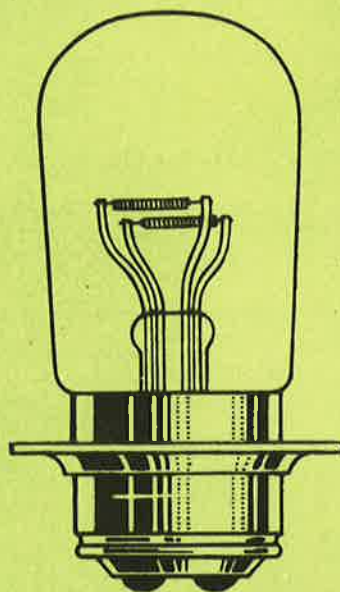
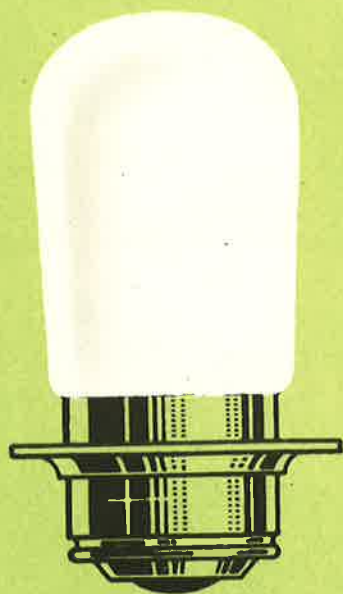
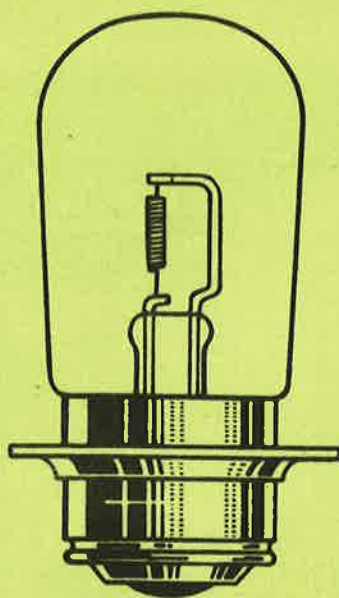
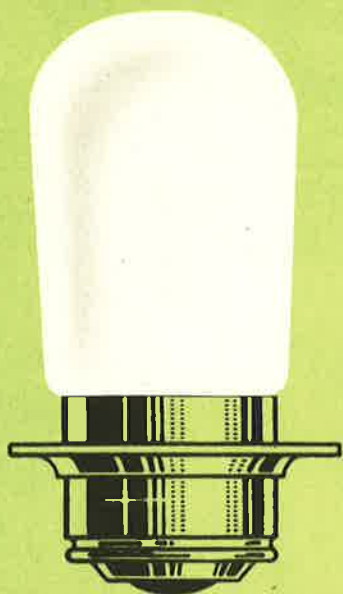
VOLTS	WATTS	CAP	CONTACTS	DIMENSIONS (MM.)		LAMP REF. NUMBER	LIST PRICE
				Overall Length	Diameter		
				Tolerance ± 4	Tolerance ± 1		s. d.
6	24	SCC	Single	56	38	106	2 6
6	24	SBC	Double	56	38	109	2 7
12	24	SCC	Single	56	38	1	2 6
6	36	SCC	Single	56	38	108	2 9
6	36	SBC	Double	56	38	111	2 10
6	36	SCC	Single	56	38	75*	2 9
6	36	Bosch	Single	67	38	130	3 0
12	36	SCC	Single	56	38	2	2 6
12	36	SBC	Double	56	38	5	2 7
12	36	SCC	Single	56	38	57*	2 6
24	36	SCC	Single	56	38	621	2 8
24	36	SBC	Double	56	38	123	2 8
24	36	BC	Double	56	38	622	2 8
12	48	SCC	Single	56	38	23	4 0
12	48	SBC	Double	56	38	27	4 1
12	48	Bosch	Single	67	38	96	4 3
24	48	SCC	Single	56	38	623	4 3
24	48	SBC	Double	56	38	140	4 3
24	48	BC	Double	56	38	624	4 3
12	60	SCC	Single	63	50	90	5 6
12	60	SBC	Double	63	50	26	5 7
12	60	Bosch	Single	74	50	87	5 9
24	60	SCC	Single	63	50	124	5 9
24	60	SBC	Double	63	50	128	5 9
24	60	BC	Double	63	50	127	5 9
24	60	Bosch	Double	74	50	131	6 0

*Transverse filament

DOUBLE FILAMENT

These lamps have two filaments located one above the other. The normal driving beam is provided by the main, lower filament, and the auxiliary filament enables a dipped beam to be produced—thus reducing dazzle.

VOLTS	WATTS	CAP	CONTACTS	DIMENSIONS (MM.)		LAMP REF. NUMBER	LIST PRICE
				Overall Length	Diameter		
				Tolerance ± 4	Tolerance ± 1		s. d.
6	18/18	SBC	—	56	38	180	4 6
6	24/24	SBC	—	56	38	168	3 6
6	24/24	Bosch	—	67	38	183	3 9
6	30/30	SBC	—	56	38	169	3 6
6	30/30	American	—	58	38	629	4 0
		Pre-focus					
12	36/36	SBC	—	56	38	171	3 6
12	36/36	American	—	58	38	632	4 0
		Pre-focus					
12	36/36	Bosch	—	67	38	182	3 9
24	36/36	SBC	—	56	38	194	5 0



HEADLAMPS British Pre-Focus

Standard Filament, Axial except where otherwise stated.

These lamps are individually pre-focused during manufacture and the special focusing disc ensures that accurate focusing of the headlight is obtained without the need for further adjustment by the motorist. The disc also serves to prevent corrosion of the reflector by providing a sealed joint between the bulb and the reflector. In the case of Double Filament lamps the second filament is arranged to produce a dipped beam to reduce dazzle.

SINGLE FILAMENT

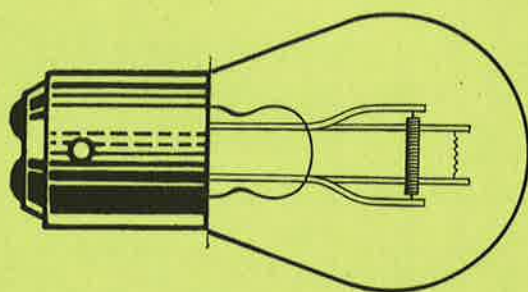
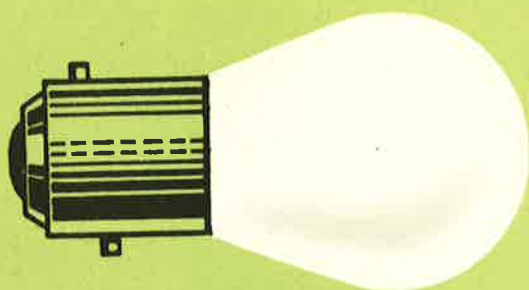
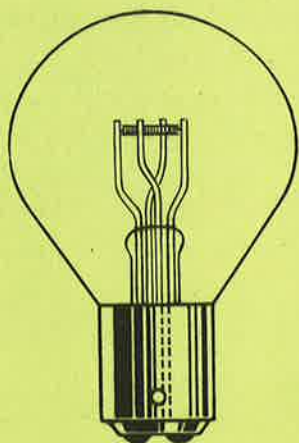
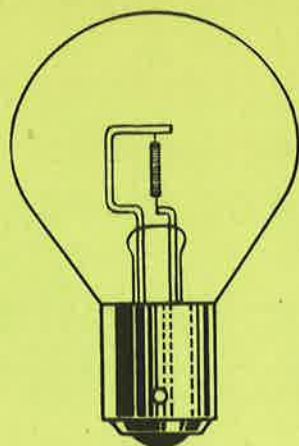
VOLTS	WATTS	CONTACTS	DIMENSIONS (MM.)		LAMP REF. NUMBER	LIST PRICE
			Overall Length	Diameter		
			Maximum	Tolerance ± 1		s. d.
6	36	Single	62	28	172	3 9
6	36	Single	62	28	173*	3 9
12	36	Single	62	28	162	3 9
12	36	Double	62	28	177	3 9
12	38	Single	62	28	325*	3 9
12	38	Double	62	28	326*	3 9
12	48	Single	62	28	323*	4 9
12	48	Single	62	28	185	4 9
24	44	Double	62	28	331	5 0
24	44	Double	62	28	330*	5 0

*Transverse filament

DOUBLE FILAMENT

Standard Filament—Double transverse, main filament on axis.

VOLTS	WATTS	FILAMENT DIPPING ARRANGEMENT	DIMENSIONS (MM.)		LAMP REF. NUMBER	LIST PRICE
			Overall Length	Diameter		
			Maximum	Tolerance ± 1		s. d.
6	18/18	Vertical Dip	62	28	311	5 3
6	24/24	Vertical Dip	62	28	166	4 9
6	30/24	Vertical Dip	62	28	312	5 6
6	30/24	Left Dip	62	28	373	5 6
		(Rt. Hd. Drive)				
12	42/36	Left Dip	62	28	354	5 0
		(Rt. Hd. Drive)				
12	42/36	Right Dip	62	28	355	5 0
		(Lt. Hd. Drive)				
12	44/38	Left Dip	62	28	358	6 3
		(Rt. Hd. Drive)				
24	44/38	Left Dip	62	28	359	7 0
		(Rt. Hd. Drive)				
6-4	45/35	Left Dip	62	28	356	5 9
		(Rt. Hd. Drive)				
12	48/48	Left Dip	62	28	302	6 9
		(Rt. Hd. Drive)				
12	60/36	Left Dip	62	28	404	7 6
		(Rt. Hd. Drive)				



HEADLAMPS with Special Cadmium Yellow Bulb

These lamps are widely used on the Continent and their use is obligatory in some countries. They can also be used in fog lamps.

SINGLE FILAMENT

VOLTS	WATTS	CAP	CONTACTS	DIMENSIONS (MM.)			LAMP REF. NUMBER	LIST PRICE
				Overall Length		Diameter		
6	36	SCC	Single	56	± 4	38	374	s. d. 4 0
12	36	SCC	Single	56	± 4	38	375	3 9
12	48	British	Single	62	max.	28	600	6 0
24	44	Pre-focus British Pre-focus	Double	62	max.	28	601	6 3

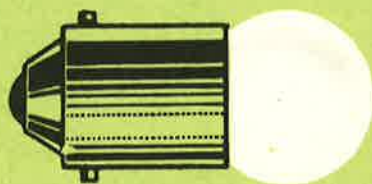
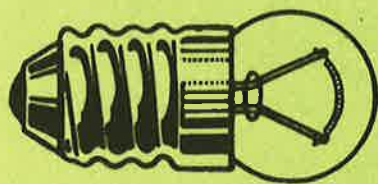
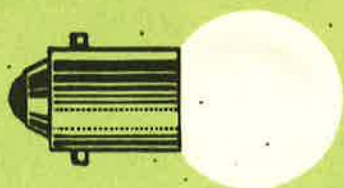
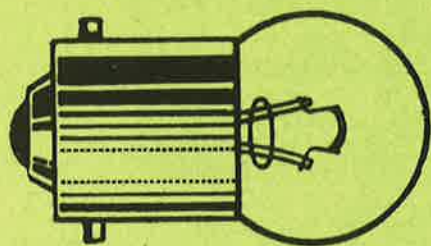
DOUBLE FILAMENT

VOLTS	WATTS	CAP	FILAMENT DIPPING ARRANGEMENT	DIMENSIONS (MM.)			LAMP REF. NUMBER	LIST PRICE
				Overall Length		Diameter		
12	36/36	SBC	Vertical Dip	56	± 4	38	376	s. d. 4 9
6	30/24	British	Vertical Dip	62	max.	28	602	6 9
12	42/36	Pre-focus British Pre-focus	Left Dip (Rt. Hd. Drive)	62	max.	28	603	6 3

STOP and STOP and TAIL LAMPS

The combined stop and tail lamps have two filaments. The rear lamp is permanently illuminated by the small-wattage filament. The large-wattage filament is automatically operated when the brake-pedal is actuated. Thus, the rear lamp brightens when the car is slowing down or stopping, providing an effective warning to following drivers.

VOLTS	WATTS	CAP	CONTACTS	DIMENSIONS (MM.)		LAMP REF. NUMBER	LIST PRICE
				Overall Length	Diameter		
6	18	ASCC	Single	49	25	317	s. d. 3 9
12	18	ASCC	Single	49	25	221	3 6
6	3/18	SBC	Double	45.5	25	190	3 6
6	3/18	SBC Index (Offset-pins)	Double	47	25	352	3 9
12	6/18	SBC Index (Offset-pins)	Double	47	25	361	3 9
12	6/18	SBC	Double	45.5	25	369	3 6



SIDE and TAIL LAMPS

The most modern cars often use the latest 15 mm. diameter bulbs instead of 18 mm. This enables small fittings to be employed which are more easily embodied in the streamlined body design of modern cars.

VOLTS	WATTS	CAP	CONTACTS	DIMENSIONS (MM.)		LAMP REF. NUMBER	LIST PRICE
				Overall Length	Diameter		
				Tol.	Tolerance ± 1		s. d.
6	3	SCC	Single	32.5 ± 2.5	18	200	1 4
6	3	SBC	Double	32.5 ± 2.5	18	204	1 5
6	3	MCC	Single	28 ± 1.5	15	988	1 6
12	4	MCC	Single	28 ± 1.5	15	222	1 7
6	6	SCC	Single	32.5 ± 2.5	18	205	1 7
6	6	SBC	Double	32.5 ± 2.5	18	206	1 8
12	6	SCC	Single	32.5 ± 2.5	18	207	1 4
12	6	SBC	Double	32.5 ± 2.5	18	209	1 5
12	6	MCC	Single	28 ± 1.5	15	989	1 7
24	6	SCC	Single	32.5 ± 2.5	18	149	1 6
24	6	SBC	Double	32.5 ± 2.5	18	150	1 6
24	6	BC	Double		18	638	1 6

INDICATOR LAMPS

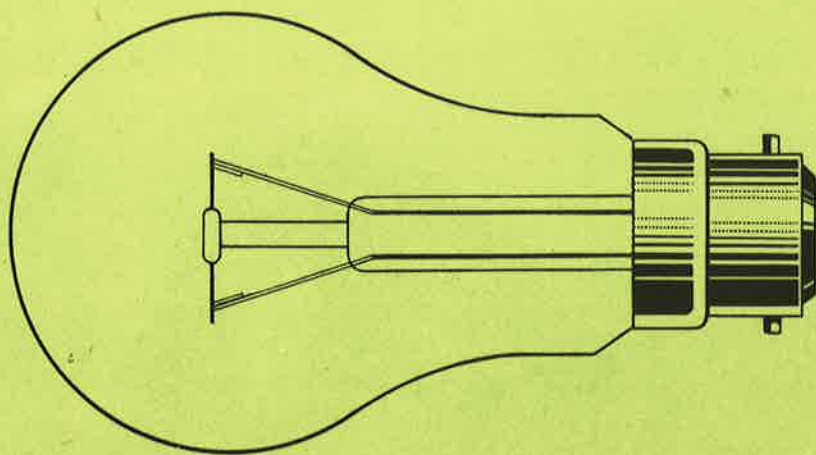
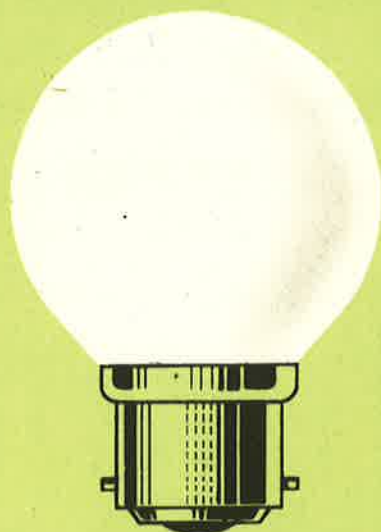
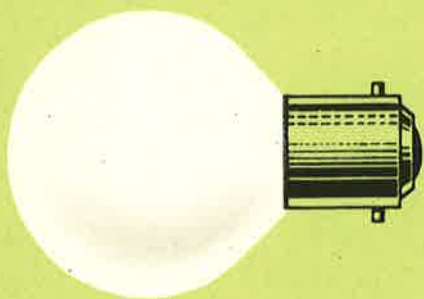
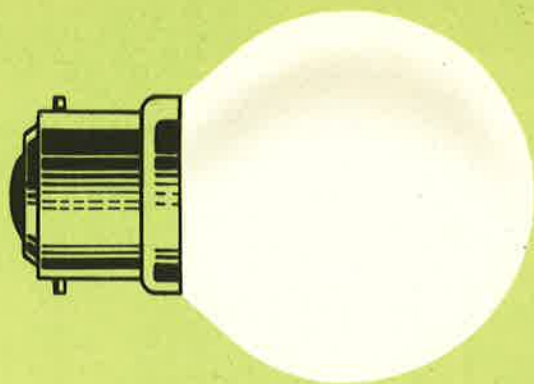
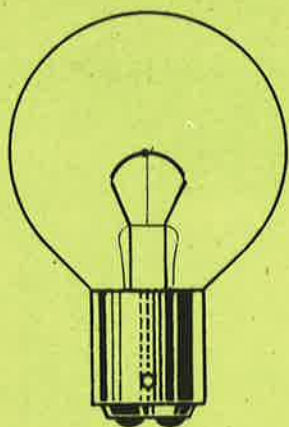
These lamps are used as panel lights and warning lights.

VOLTS	WATTS	CAP	CONTACTS	DIMENSIONS (MM.)		LAMP REF. NUMBER	LIST PRICE
				Overall Length	Diameter		
				Tol.	Tolerance ± 1		s. d.
12	2.2	MES	Single	23 ± 1	11	987	1 3
12	2.2	MCC	Single	23.5 ± 1.5	11	643	1 6
12	2.2	MES	Single	27.5 ± 1.5	15	986	1 3
12	2.2	MCC	Single	28 ± 1.5	15	645	1 6
6	3	MES	Single	23 ± 1	11	990	1 3
6	3	MCC	Single	23.5 ± 1.5	11	641	1 6
6	3	MES	Single	27.5 ± 1.5	15	981	1 3
6	3	MCC	Single	28 ± 1.5	15	642	1 6
16	3	MES	Single	27.5 ± 1.5	15	985	2 3
16	3	MCC	Single	28 ± 1.5	15	647	2 6
24	2.8	MES	Single	27.5 ± 1.5	15	993	1 8

FESTOON LAMPS

Used for trafficators and roof lights.

VOLTS	WATTS	CAP	CONTACTS	DIMENSIONS (MM.)		LAMP REF. NUMBER	LIST PRICE
				Overall Length	Diameter		
				Tolerance ± 1	Tolerance ± 0.5		s. d.
6	3	Cone	—	35.5	7.5	255	2 3
12	3	Cone	—	35.5	7.5	256	2 3
6	6	Cone	—	38	11	253	2 7
12	6	Cone	—	38	11	254	2 7
24	6	Cone	—	38	11	653	2 6
24	6	Cone	—	44	11	260	3 0



BUS INTERIOR LAMPS

Specially designed for the interior lighting of buses and coaches and can be supplied in either 38 mm. or 50 mm. diameter bulbs in pearl finish.

VOLTS	WATTS	CAP	CONTACT	DIMENSIONS (MM.)		FINISH	LIST PRICE
				Overall Length	Diameter		
				Tolerance ± 4	Tolerance ± 1		s. d.
12	12	SBC	Double	56	38	Pearl	2 4
12	12	SBC	Double	68	50	Pearl	2 4
12	12	BC	Double	56	38	Pearl	2 4
12	12	BC	Double	68	50	Pearl	2 4
24	12	SBC	Double	56	38	Pearl	2 6
24	12	SBC	Double	68	50	Pearl	2 6
24	12	BC	Double	56	38	Pearl	2 6
24	12	BC	Double	68	50	Pearl	2 6
24	20	SBC	Double	56	38	Pearl	2 9
24	20	SBC	Double	68	50	Pearl	2 9
24	20	BC	Double	56	38	Pearl	2 9
24	20	BC	Double	68	50	Pearl	2 9

TROLLEY BUS LAMPS (35V)

These lamps have been designed for trolley bus lighting, but are also suitable for many other applications where a low voltage lamp with a small bulb is required.

VOLTS	WATTS	CAP	CONTACT	TYPE	DIMENSIONS (MM.)		FINISH	LAMP REF. No.	LIST PRICE
					Overall Length	Diameter			
					Tol. $\pm$	Tolerance ± 1			s. d.
35	6	SBC	Double	Instrument or side	37	22.5	Clear	220	2 6
35	15	BC	Double	Interior	56	38	Pearl or Clear	—	2 9
35	15	BC	Double	Interior	68	50	Pearl or Clear	—	2 9
35	20	BC	Double	Interior Head	56	38	Pearl	—	3 0
35	36	SBC	Double	Interior Head	56	38	Clear	—	4 0

TRACTION LAMPS (Subject to 18½% Purchase Tax)

TRACTION (GASFILLED) SERIES BURNING Lamps suitable for Tramcars and Rolling Stock.

VOLTAGES	RATED AMPS	WATTS	APPROXIMATE DIMENSIONS				CAP	PRICE CLEAR OR PEARL
			Length		Diameter			
			MM.	INS.	MM.	INS.		s. d.
100, 110	.35	40	110	4 $\frac{1}{2}$	60	2 $\frac{1}{2}$	B.C. or E.S.	1 9
120, 130			110	4 $\frac{1}{2}$	60	2 $\frac{1}{2}$		1 9

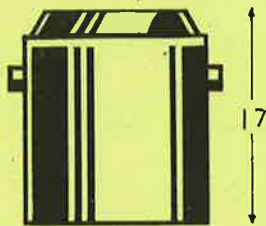
TRACTION (GASFILLED) LONG SERIES These Lamps are fitted with a cut-out which operates should a Lamp fail, thus enabling the remainder of the Lamps in series to remain in operation.

VOLTAGES	WATTS	APPROXIMATE DIMENSIONS				PRICE CLEAR OR PEARL
		Length		Diameter		
		MM.	INS.	MM.	INS.	s. d.
40	40	110	4 $\frac{3}{8}$	60	2 $\frac{3}{8}$	2 5
50	60	110	4 $\frac{3}{8}$	60	2 $\frac{3}{8}$	2 5

CAPS APPROXIMATE DIMENSIONS IN MILLIMETRES

Not to Scale

15



Small Bayonet
B15 d/17

15

15



Small Centre Contact
B15 s/21

15



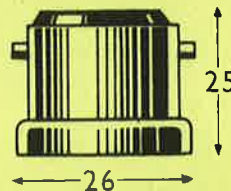
Small Centre Contact
B15 s/17



P15 s/19

American Pre-Focus Single Contact

22



B22/25x26
Bayonet Cap

10

15



P15 d/19

American Pre-Focus Double Contact



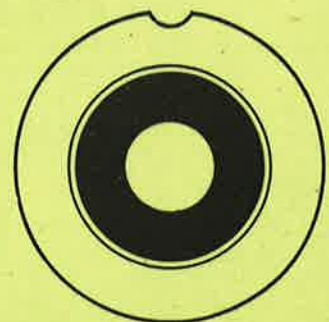
P22d/21

British Pre-Focus Double Contact



E10/13

Miniature Edison Screw



P22s/21

British Pre-Focus Single Contact

TERMS AND CONDITIONS

Resale

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

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Siemens Electric Lamps and Supplies Limited

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

Telephone : CENTRAL 2332 (20 lines) Telegrams : "SIEMOTOR, CENT, LONDON"



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41, Queen Street. Tel.: Belfast 20437

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Tel.: Midland 0072 & 0073

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Tel.: Bristol South 76051 & 76052

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Tel.: Newcastle 20641 & 20642

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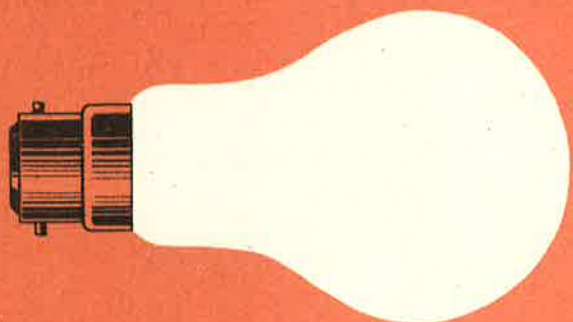
PRESTON:

Sales Depot, Lamp Works, Fylde Rd.
Tel.: Preston 3705

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57-59, West Street.
Tel.: Sheffield 25259





SIEMENS

DISCHARGE & FLUORESCENT LAMPS

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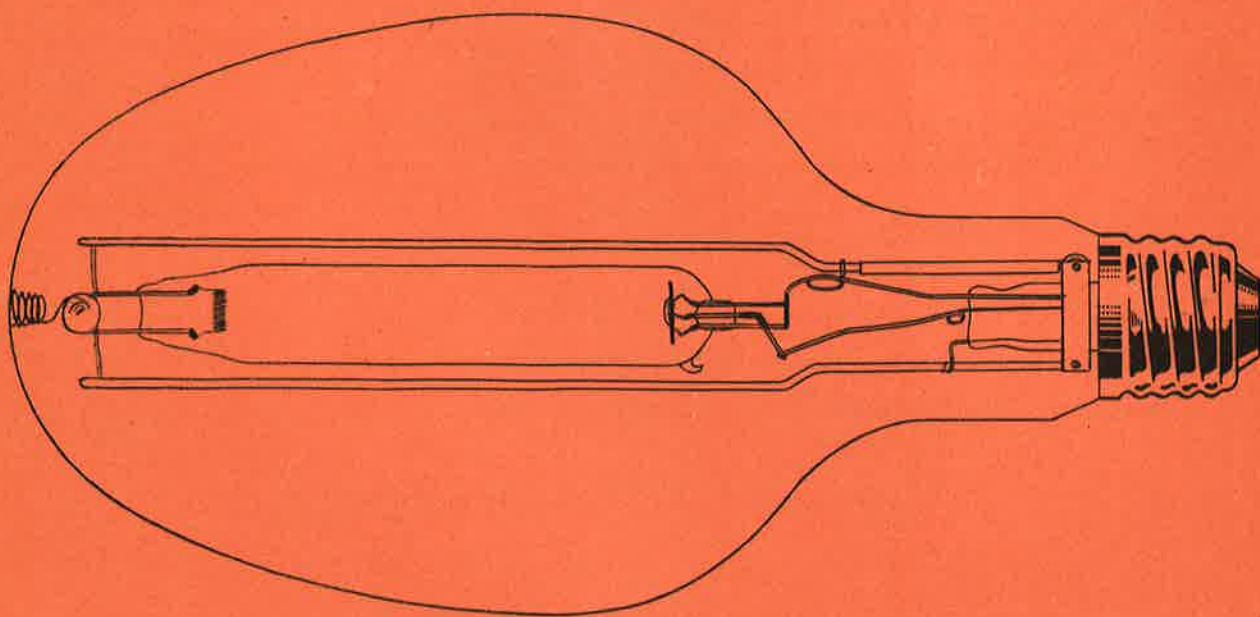
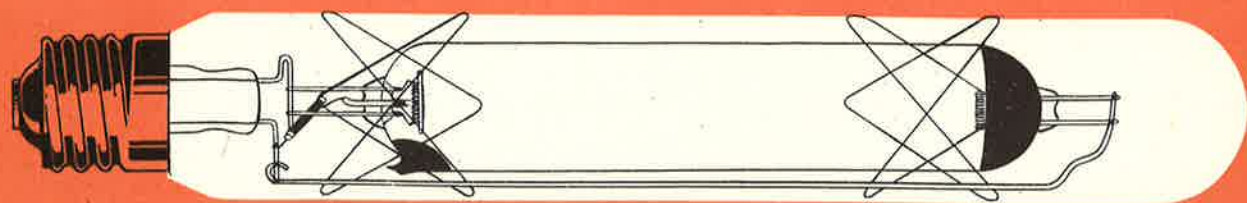
THERE'S MORE IN A LAMP THAN MEETS THE EYE...

Look through the pages of this catalogue and you'll immediately see the reason why. Every Siemens lamp is made to the rigorous specifications of the British Standards Institution. Each lamp will do all that's claimed for it and more besides. You can stake your reputation on that. And what is even more important to *you*: Siemens give all round, honest-to-goodness service. After all, Siemens have not been pioneers and leaders in the electrical industry for almost 100 years without knowing a thing or two about manufacturing *and* selling! Unusually large stocks of all types of lamps are deliberately maintained at Siemens branches all over the country. You can be sure that what you order, you'll get—and promptly too.

SIEMENS ADVISORY SERVICE

Call in Siemens on any lighting problem when you feel outside help would be an advantage. The services of a Siemens lighting engineer will be gladly placed at your disposal.

MAKE LIGHT OF IT WITH SIEMENS!





SIERAY TYPE MA/V LAMPS

These lamps are of the well-known medium pressure mercury discharge type and are available in 250 W and 400 W sizes. Type MA/V lamps are designed for burning in a vertical cap-up position. If it is desired to burn these lamps horizontally with magnetic deflectors they can be supplied with special hard glass outers which are recommended. Type MA/H lamps are designed for burning horizontally without magnetic deflectors, but may be operated in any position, without deflectors, without material effect on performance. It is necessary to use a choke for current limiting purposes with these lamps and also a capacitor for power factor rectification. Details of these components will be found on page 14.

TYPE MA/V AND MA/H CLEAR BULBS

Watts	Voltage	Dimensions		Cap	MA/V Price Each		MA/H Price Each	
		Overall Length	Diameter		s.	d.	s.	d.
		mm.	mm.					
250	{ 200/220 230/240	290 ± 8	48 ± 3	G.E.S.	54	0	64	6
400		330 ± 8	48 ± 3	G.E.S.	59	0	71	0

NOTE: Please state exact voltage when ordering.

FLUORESCENT TYPE MAF/V LAMPS WITH ISO-THERMAL BULBS

These lamps are of similar construction to the type MA/V but the outer bulb is coated on the inside with a special fluorescent powder which is excited by the Ultra-Violet radiation from the discharge and emits radiation chiefly at the red end of the spectrum, thus improving the colour of the light given by the lamp. It is necessary to use a choke for current limiting purposes with these lamps and also a capacitor for power factor rectification. Details of these components will be found on page 14.

Watts	Voltage	Dimensions		Cap	Price Each	
		Overall Length	Diameter		s.	d.
		mm.	mm.			
400	{ 200/220 230/240 250	335 ± 7.5	165 ± 1.5	G.E.S.	81	6

NOTE: Please state exact voltage when ordering.

DISCHARGE LAMPS ARE NOT SUBJECT TO PURCHASE TAX





SIERAY-DUAL ELECTRIC DISCHARGE LAMPS

The Sieray-Dual Lamp consists of a mercury vapour discharge lamp connected in series with a tungsten filament, which not only serves to control the arc current of the discharge portion, but also acts as a secondary light source.

As the major portion of the energy from the tungsten filament is emitted at the red end of the spectrum, a considerable improvement in colour rendering is obtained.

No choke or capacitor is necessary for the operation of the lamp and no alteration to existing wiring is required, the Sieray-Dual lamp being inserted into the ordinary lampholder and operated directly from the supply mains.

300 W and 500 W Sieray-Dual lamps are supplied in clear bulbs. The 200 W MBT/U lamps are available in pearl or Silvalux finish. In the latter case the bulb is coated on the inside with a very fine Silica Powder which gives an effect similar to that obtained with an opal bulb and reduces glare.

TYPE MBT/U PEARL BULBS

Watts	Voltage A.C.	Dimensions		Cap	Price Each
		Overall Length	Diameter		
		mm.	mm.		s. d.
200	{ 200, 210, 220, 230, 240, 250	178 ± 5.5	90 ± 1	E.S. or B.C.	50 0

TYPE MAT/V CLEAR BULBS

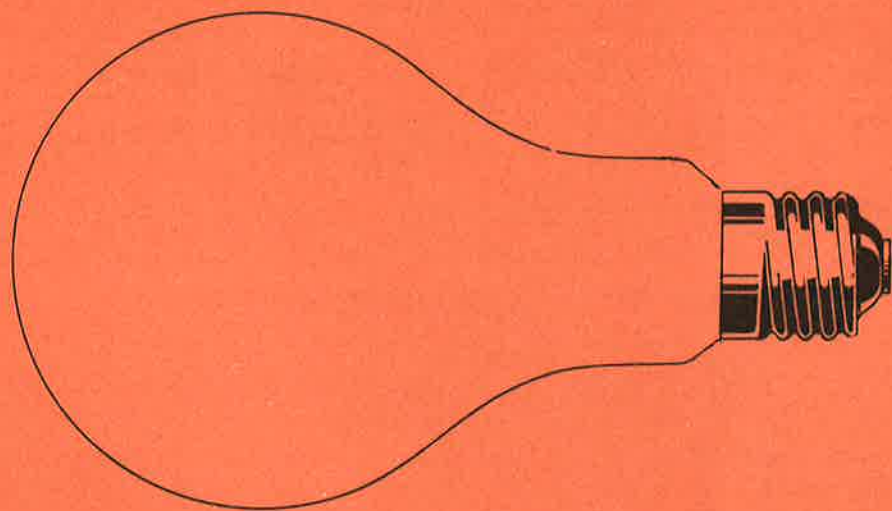
Watts	Voltage	Dimensions		Cap	Price Each
		Overall Length	Diameter		
		mm.	mm.		s. d.
300	{ 200, 210, 220, 230, 240, 250 A.C.	285 ± 15	85 ± 1	G.E.S.	60 0
500		355 ± 20	100 ± 1	G.E.S.	70 0
500	{ 230, 240, 250 D.C.	355 ± 20	100 ± 1	G.E.S.	70 0

TYPE MBT/U SILVALUX BULBS

Watts	Voltage	Dimensions		Cap	Price Each
		Overall Length	Diameter		
		mm.	mm.		s. d.
200	{ 200, 210, 220, 230, 240, 250	178 ± 5.5	90 ± 1	E.S. or B.C.	50 9

NOTE: Please state exact voltage when ordering.

DISCHARGE LAMPS ARE NOT SUBJECT TO PURCHASE TAX





SIERAY TYPE MB/U PEARL LAMPS

These lamps are of the high pressure mercury discharge type consisting of an inner discharge tube of a special grade of quartz mounted in an outer glass bulb which is of normal pearl finish.

For the operation of the undermentioned types of SIERAY Lamps a Choke is necessary for current limiting purposes and a Capacitor for power factor rectification. Details of components specially designed to ensure the correct operation of these lamps are given on page 14.

Watts	Voltage	Dimensions		Cap	Price Each
		Overall Length	Diameter		
		mm.	mm.		s. d.
80	{ 200/220 230/240 250	160 ± 4.5	80 ± 1	{ 3-pin Bayo- net	39 6
125		178 ± 5.5	90 ± 1		45 0

TYPE MBF/U FLUORESCENT

In these lamps the internal surface of the outer bulb is coated with a fluorescent powder which converts part of the radiation in the ultra-violet region which is a characteristic of mercury discharge lamps into visible radiation and improves the colour of the emitted light.

It is necessary to use a choke for current limiting purposes with these lamps and also a capacitor for power factor rectification. Details of these components will be found on page 14.

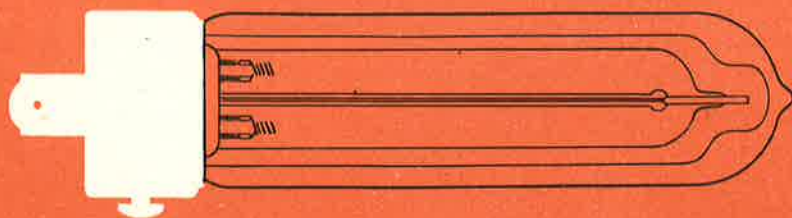
Watts	Voltage	Dimensions		Cap	Price Each
		Overall Length	Diameter		
		mm.	mm.		s. d.
80	{ 200/220 230/240 250	178 ± 5.5	110 ± 1.5	3-pin B.C. G.E.S.	48 6
125		233 ± 7	130 ± 1.5		59 0

As a result of continuous research and development we are now able to offer Sieray MBF/U fluorescent lamps having the same size bulbs as the normal MB/U lamps. In these lamps the use of a new fluorescent powder for coating the bulb results in the emission of more radiation at the red end of the spectrum and the lamps give considerably improved colour rendering.

Watts	Voltage	Dimensions		Cap	Price Each
		Overall Length	Diameter		
		mm.	mm.		s. d.
80	{ 200/220 230/240 250	160 ± 4.5	80 ± 1	{ 3-pin B.C.	48 6
125		178 ± 5.5	90 ± 1		59 0

NOTE: Please state exact voltage when ordering.

DISCHARGE LAMPS ARE NOT SUBJECT TO PURCHASE TAX





TYPE MBW/U ULTRA-VIOLET

The outer bulb is of specially prepared glass which is opaque to visible light but allows free passage to Ultra-Violet rays over the range of approximately 3000 to 4000 Angstrom Units for the excitation of fluorescent substances. It is necessary to use a choke for current limiting purposes with these lamps and also a capacitor for power factor rectification. Details of these components will be found on page 14.

Watts	Voltage	Dimensions		Cap	Price Each
		Overall Length	Diameter		
		mm.	mm.		s. d.
125	200/220 230/240 250	178 ± 5.5	90 ± 1	3-pin B.C.	63 0

NOTE: Please state exact voltage when ordering.

SIERAY SODIUM LAMPS TYPE SO/H

These lamps consist of a U tube of special glass containing metallic sodium which is vaporised by the arc initially established in a rare gas at low pressure when the lamp is switched on.

The lamp is enclosed in a detachable vacuum jacket in order to enable the necessary operating temperature to be maintained.

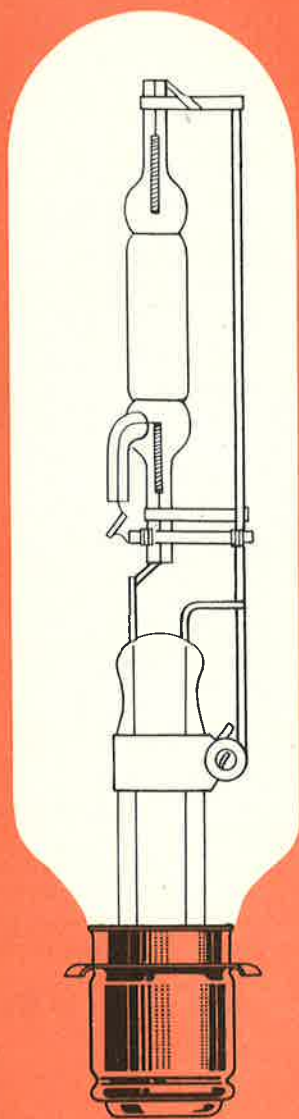
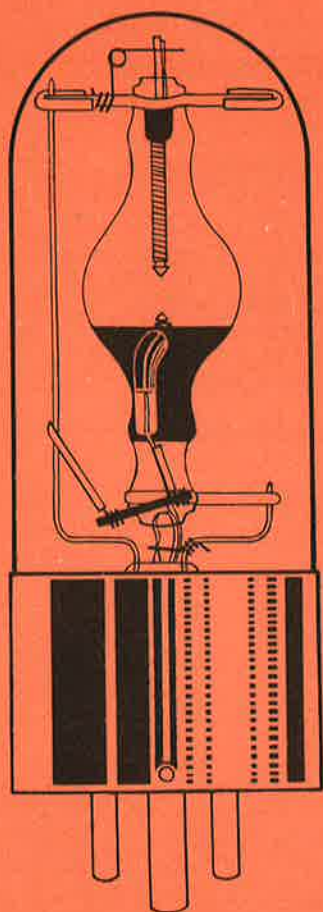
A special Leak Transformer is necessary to ensure correct operation of Sodium Lamps and also a Capacitor for Power Factor Rectification.

Watts	Voltage	Dimensions		Cap	Price Each	
		Overall Length	Diameter		Lamp	Vacuum Jacket
		mm.	mm.		s. d.	s. d.
45	200/250	238 ± 10	50 ± 2	B. C. CERAMIC	42 6	21 9
60	200/250	300 ± 10	50 ± 2		52 6	24 6
85	200/250	415 ± 10	50 ± 2		63 0	29 3
140	200/250	518 ± 10	65 ± 2		74 6	33 0

45 and 60 watt SO/H lamps may be burned horizontally or vertically cap-up.

The 85 and 140 watt SO/H lamps must be burned horizontally.

DISCHARGE LAMPS ARE NOT SUBJECT TO PURCHASE TAX





SPECIAL TYPES OF MERCURY DISCHARGE LAMPS

The following are some of the types used for Projection work and for use in scientific instruments. They require the use of Choke and Capacitor for correct operation. For details see page 14.

TYPE MB/D

Watts	Voltage	Dimensions		Cap	Price Each	
		Overall Length	Diameter		s.	d.
125	200/220 230/240 250	mm. 185±5	mm. 48±3	Prefocus P28/25	79	0

TYPE ME/D

Watts	Voltage	Dimensions		Cap	Price Each	
		Overall Length	Diameter		£	s. d.
125	200/250	mm. 156±3	mm. 50±2	Prefocus P40/41	9	0 0
250	200/250	156±3	50±2	"	15	10 0
250	200/250	135±3	50±2	Special 3-pin	15	10 0

NOTE: Please state exact voltage when ordering

DISCHARGE LAMPS ARE NOT SUBJECT TO PURCHASE TAX

LUMEN OUTPUT—DISCHARGE LAMPS

Type of Lamp	Lamp Watts	Nominal Initial Lumens	Nominal Average Lumens Throughout Life
MA/V	250	8750	8000
MA/V	400	16800	14400
MA/H	250	8000	7250
MA/H	400	15200	13200
MAF/V			
(Isothermal)	400	15200	12800
MAT/V	300	6300	5400
MAT/V	500	12500	10500
MB/U	80	3000	2500
MB/U	125	5300	4100
MBF/U	80	2960	2500
MBF/U	125	5250	4100
MB/D	125	5000	4000
MBT/U			
(Pearl)	200	4000	3400
MBT/U			
(Silvalux)	200	3800	3250
SO/H	45	2700	2200
SO/H	60	4200	3400
SO/H	85	6460	5400
SO/H	140	10640	9000



CONTROL GEAR

FOR USE WITH

ELECTRIC DISCHARGE LAMPS on 50 c/s. A.C. Supply

Choke coils are totally enclosed, filled with high melting point compound. They cover the entire voltage range 190/260 v. in 10 v. steps. An untapped choke Y.47 is available for 80 watt MB/U and MBF/U Lamps. Voltage should be stated. Leak transformers are available in two ranges LT.45/1 and LT.140/1 190/220 v., and LT.45/2 and LT.140/2 220/260 v. in 10 volt steps. Open protected type choke coils and transformers can be supplied if required.

Type of Lamp	Lamp Wattage	Supply Voltage	Choke or Transformer Cat. No.	Prices		
				£	s.	d.
MB/U	80	190/260	H.80	2	15	8
MBF/U	80	190/260	H.80	2	15	8
MB/U	125	190/260	H.125	4	19	0
MBF/U	125	190/260	H.125	4	19	0
MBW/U	125	190/260	H.125	4	19	0
MB/D	125	190/260	H.125	4	19	0
ME/D	125	190/260	GME.250	On Application		
ME/D	250	190/260	GME.250			
MA/V	250	190/260	H.250	5	11	4
MA/H*	250	190/260	H.250	5	11	4
MA/V	400	190/260	H.400	6	8	0
MAF/V	400	190/260	H.400	6	8	0
MA/H*	400	190/260	H.400	6	8	0
SO/H	45	190/220	LT.45/1	5	9	8
SO/H	45	220/250	LT.45/2	5	9	8
SO/H	60	190/220	LT.45/1	5	9	8
SO/H	60	220/250	LT.45/2	5	9	8
SO/H	85	190/220	LT.45/1	5	9	8
SO/H	85	220/250	LT.45/2	5	9	8
SO/H	140	190/220	LT.140/1	6	9	8
SO/H	140	220/250	LT.140/2	6	9	8

*When Horizontal Burning Type MA/H Lamps are used, a Choke tapping different from that normally used for Type MA/V Lamps is necessary and full details will be provided on application.

Suitable power factor rectification capacitors are available as follows:—

Cat. No.	Cap. Mfds.	Price
		£ s. d.
C.62	8	17 4
C.63	10	1 4 4
C.64	13	1 9 8
C.65	15	1 13 4
C.67	20	2 0 4
C.68	30	2 19 4
C.69	40	3 16 0

CONTROL GEAR IS NOT SUBJECT TO PURCHASE TAX





FLUORESCENT LAMPS

'Sieray' Fluorescent Lamps are manufactured throughout at our modern factory in Preston. In addition to providing economical illumination for shops, offices, public buildings and factories, 'Sieray' Lamps are in demand from an increasing number of householders. Apart from economy in current consumption, 'Sieray' Lamps provide a low-temperature, virtually shadowless, glare-free illumination. 'Sieray' Fluorescent Lamps are manufactured to exacting standards to ensure the highest possible efficiency and life and are available in the following:—Daylight, Warm White, Mellow, Natural, Colour Matching White. 80 w. 5 ft. lamps are available also in Red, Blue, Green and Yellow.

A novel item in the 'Sieray' range is the Fluorescent Circle. Available in mellow colour, the Circle provides an attractive departure from the usual straight tube fluorescent lighting.

Colour	Watts	Cap	Dimensions		Switch Start		For use with Instant Start Circuits	
			Length	Diameter	Price Each	P.T.	Price Each	P.T.
DAYLIGHT	80	B.C.	5'	1 1/2"	s. d. 13 0	s. d. 2 5	s. d. 14 0	s. d. 2 7
	40	Bi-pin	4'	1 1/2"	11 9	2 2	12 9	2 4
WARM WHITE AND MELLOW	80	B.C.	5'	1 1/2"	13 0	2 5	14 0	2 7
	40	Bi-pin	4'	1 1/2"	11 9	2 2	12 9	2 4
	40	"	2'	1 1/2"	11 0	2 0	12 0	2 2
	30	"	3'	1 1/2"	11 0	2 0	12 0	2 2
	20	"	2'	1 1/2"	10 6	1 11	11 6	2 1
	15	"	18"	1"	9 9	1 10	—	—
NATURAL	125	B.C.	8'	1 1/2"	—	—	32 6	Tax Free
	80	B.C.	5'	1 1/2"	13 0	2 5	14 0	2 7
	40	Bi-pin	4'	1 1/2"	11 9	2 2	12 9	2 4
	40	"	2'	1 1/2"	11 0	2 0	12 0	2 2
	30	"	3'	1 1/2"	11 0	2 0	12 0	2 2
	20	"	2'	1 1/2"	10 6	1 11	11 6	2 1
COLOUR MATCHING WHITE	80	B.C.	5'	1 1/2"	13 0	2 5	14 0	2 7
	40	Bi-pin	4'	1 1/2"	11 9	2 2	12 9	2 4
RED BLUE GREEN YELLOW	80	B.C.	5'	1 1/2"	17 6	3 3	18 6	3 5
	80	B.C.	5'	1 1/2"				
	80	B.C.	5'	1 1/2"				
	80	B.C.	5'	1 1/2"				

FLUORESCENT CIRCLE

Colour	Watts	Cap	Diameter	Price Each	P.T.
MELLOW	40	Special 4-pin	16"	s. d. 35 0	s. d. 6 4

FLUORESCENT LAMP DATA

NOMINAL LENGTH	1 1/2 ft. 15	2 ft. 20	2 ft. 40	3 ft. 30	4 ft. 40	5 ft. 80	8 ft. 125
NOMINAL LAMP WATTS	1 in. Bi-pin	1 1/2 in. Bi-pin	1 1/2 in. Bi-pin	1 in. Bi-pin	1 1/2 in. Bi-pin	1 1/2 in. B.C.	1 1/2 in. B.C.
NOMINAL DIAMETER	...	...	...	...	...	...	...
TYPE OF LAMP CAP	...	...	...	...	...	...	...
SUPPLY VOLTAGE							
Lamps, Operating Singly	100/250	100/250	100/130	200/250	200/250	200/250	200/250
" " Two in Series	200/250	200/250	200/250	—	—	—	—
NOMINAL LUMEN OUTPUT							
Average through first 5,000 hours of LAMP LIFE:—							
Daylight	—	—	—	—	1,920	3,600	—
Warm White	470	660	1,080	1,200	1,920	3,600	—
Natural	390	580	920	1,020	1,520	2,720	5,000
Mellow	330	460	760	840	1,200	2,240	—
Colour Matching	—	—	—	—	1,200	2,240	—

SIERAY CIRCLE

Nominal Overall Diameter	Nominal Lamp Watts	Nominal Tube Diameter	Type of Lamp Cap	Supply Voltage Lamps Operating Singly	Nominal Lumen Output: Average through first 2,500 hours of Lamp Life
16 ins.	40	1 1/2 ins.	Special 4-pin	200/250	1,200

SIEMENS PUBLICATIONS

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Continuous Lighting Trunking	2/53
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Tel.: Nottingham 45810

PRESTON:

Sales Depot, Lamp Works, Fylde Rd.
Tel.: Preston 3705

SHEFFIELD, 1:

57-59, West Street.
Tel.: Sheffield 25259



TERMS AND CONDITIONS

Resale

SIEMENS ELECTRIC LAMPS must be retailed at the list prices only as set forth in these Catalogues. Acceptance of SIEMENS 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 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.

Siemens Electric Lamps and Supplies Limited

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

Cables: "SIEMOTOR, CENT, LONDON"

AUSTRALIA

SIEMENS (AUSTRALIA)
PROPRIETARY LTD.

Sydney, Melbourne, Brisbane, Adelaide

CANADA

SIEMENS BROTHERS (CANADA)
LTD.

Winnipeg, Edmonton

SOUTH AFRICA

SIEMENS BRITISH
(PROPRIETARY) LIMITED

Johannesburg, Cape Town, Durban

INDIA

SIEMENS BROTHERS & CO.
LIMITED

Calcutta, Bombay

NEW ZEALAND

CORY-WRIGHT & SALMON LTD.

Wellington, Auckland, Dunedin

Agencies in:

BERMUDA, BURMA, CEYLON, CHILE, CYPRUS, DENMARK, EGYPT,
ERITREA, FRANCE, GIBRALTAR, GREECE, ICELAND, IRAK,
ISRAEL, SYRIA, LEBANON, KUWAIT, JAMAICA, KENYA, MALAYA
& SINGAPORE, MAURITIUS, MALTA, NIGERIA & GOLD COAST,
MOROCCO, W. PAKISTAN, SUDAN, TRINIDAD, TURKEY, PERU,
SWITZERLAND & W. GERMANY, UGANDA & TANGANYIKA.

The Siemens logo is centered on a dark, heavily textured background. It features the word "SIEMENS" in a stylized, outlined, sans-serif font. Above the letters is a thin, curved line that arches over the text.

SIEMENS

British made throughout