



MET-VICK
COSMOS
LAMPS





COSMOS LAMPS





Metro-Vick Supplies Limited,

METRO-VICK HOUSE,

155, CHARING CROSS ROAD,

LONDON, W.C.2.

Telegrams:
"EMVEESUPPLY, WESTCENT LONDON."

Telephone:
GERRARD 5901 (12 lines)

REGISTERED OFFICE:
155, CHARING CROSS ROAD, LONDON, W.C. 2.

DISTRICT OFFICES:—

BELFAST	..55, Waring Street	Tel. No. 4936 Belfast
BIRMINGHAM	..Daimler House, 33-34, Paradise Street	Tel. No. 2177/9 Midland
BRISTOL	..43, Park Street	Tel. No 6860 City (2 lines)
CARDIFF	..Metro-Vick House, 89/90, Frederick Street	Tel. No. 4712 Central (2 lines)
EDINBURGH	..127, George Street	Tel. No. 28033
GLASGOW	..Metro-Vick House, Waterloo Street, C.2.	Tel. No. 6140 Central (P.B.X.)
LEEDS	..9, East Parade	Tel. No. 27358/9
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MANCHESTER	..Long Millgate	Tel. No. 6230/3 City
NEWCASTLE-ON-TYNE	Ward's Buildings, High Bridge	Tel. No. 6202/4 Central
SHEFFIELD	..Trafalgar Street	Tel. No. 22265/6
SWANSEA	..62, Wind Street	Tel. No. 4336 Central

Telegraphic Address for all Branch Offices—
"Multiphase," with name of Town, except * which is
"Emveesupply, Westcent, London."

SHOWROOMS:—

LONDON	..Metro-Vick House, 155, Charing Cross Road, W.C.2	Tel. No. Gerrard 5901 (12 lines)
BIRMINGHAM	..Daimler House, 33-34, Paradise Street	
BRISTOL	..43, Park Street	
CARDIFF	..Metro-Vick House, 89/90, Frederick Street	
EDINBURGH	..127, George Street	
GLASGOW	..Metro-Vick House, Waterloo Street, C.2	
LEEDS	..9, East Parade	
MANCHESTER	..14, Long Millgate	
NEWCASTLE-ON-TYNE	..Cosmos House, 7, Saville Row	Tel. No. 6202/4 Central
SHEFFIELD	..Howard Gallery, Chapel Walk, Fargate	Tel. No. 23114/5



COSMOS LAMPS

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WHEN ORDERING.

Please send your enquiries, orders and correspondence to the nearest office of the Company, the address of which will be found on page iii.

Please state voltage, wattage and type of cap required.

If lamps are required for series burning, please specify same on your order.

ILLUMINATING ENGINEERING.

Our Illuminating Engineering Department is at your service in dealing with all lighting problems.

COSMOS LAMPS

CONDITIONS OF SALE

SELLING PRICES.—Our prices and terms are quoted on the distinct understanding that selling prices to customers are those of our list price net, without any cash discount, and orders received for all lamps will be taken as acceptance of these conditions.

PACKING, DELIVERY AND TRANSIT.

DELIVERY AREA	GROUP	QUANTITY OR VALUE	PACKING AND DELIVERY	TRANSIT BREAKAGES
Within 12 miles G.P.O. London or 6 miles of main Post Office in Branch Office towns specified below†	All Groups	Any Quantity	Free	*Replaced or Credited at our option
Outside above areas but within free delivery area of any Railway Company (Route at our discretion)	Group I	For not less than £2 list value to one address	Free	*Replaced or Credited at our option
		For less than £2 list value to one address	Packing free. Carriage charged at not less than cost	At purchaser's risk
	Group II V VI	For not less than 20/- list value to one address	Free	*Replaced or Credited at our option
		For less than 20/- list value to one address	Packing free. Carriage charged at not less than cost	At purchaser's risk
	Group III	For not less than one standard package to one address	Free	*Replaced or Credited at our option
		For less than one standard package to one address	Packing free. Carriage charged at not less than cost	At purchaser's risk

Mixed Groups.—For mixed consignment which include any Group I lamps the charges and conditions of Group I are to apply.

*Where Sound Delivery is guaranteed we will credit or replace lamps broken in transit between our store and the customer's premises, provided we are duly advised and the lamps returned, carriage paid, within 7 days of date of despatch, our despatch note number being quoted.

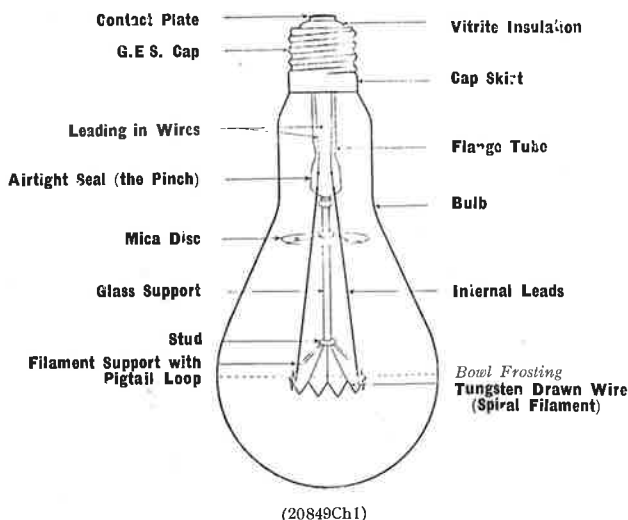
We will not accept responsibility for the safe custody of such returned lamps.

†Aberdeen, Bedford, Belfast, Birmingham, Brighton, Bristol, Cardiff, Cork, Dublin, Dundee, Edinburgh, Glasgow, Hull, Ipswich, Leeds, Leicester, Liverpool, Manchester, Middlesbrough, Newcastle-on-Tyne, Nottingham, Plymouth, Preston, Rugby, Sheffield, Southampton, Swansea.

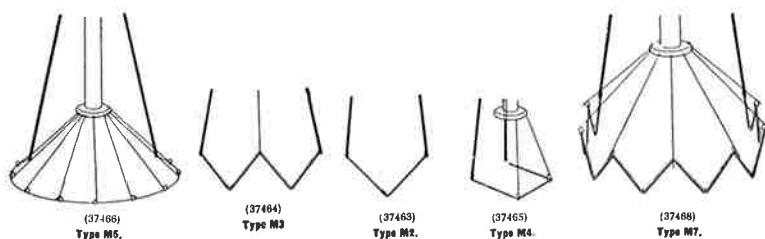
All prices are subject to the Company's Standard "Conditions of Sale," and to change without notice.

COSMOS GASFILLED LAMPS

PARTS—TYPES OF FILAMENTS



220 Volt, 1000 Watt Cosmos Gasfilled Lamp



Watts	Volts	Type	Watts	Volts	Type	Watts	Volts	Type
1500	260—200 130—100	M7	200	260—200 130—100 55—50	M5 M5 M3	60	260—200 130—100 65—50 30—20	M5 M5 M4 M2
1000	260—200 130—100	M7	150	260—200 130—100	M5 M5	40	260—200 130—100	M5 M5
500	260—200 130—100 55—35	M5 M5 M3	100	260—200 130—100 65—50	M5 M5 M3	30	130—100 65—50 30—20	M5 M4 M2
300	260—200 130—100 65—50	M5 M5 M3				15	30—20	M2

These Diagrams and Tables imply no guarantee that lamps supplied will have the corresponding type of filament. Information re filaments for lamps not covered by the above will readily be supplied on application.



ELECTRIC LAMPS

PEARL

(Inside Frosted)

GASFILLED AND VACUUM



(26391A)

230 Volt, 60 Watt Cosmos Pearl Lamp.

GASFILLED

Standard Volts		Standard Watts	Approximate Dimensions				Standard Caps	Price each
			Diameter		Length			
			m.m.	ins.	m.m.	ins.		
25	30	60	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$	B.C.	s. d. 3 4
35			60	2 $\frac{3}{8}$	110	4 $\frac{11}{16}$	B.C.	2 10
45	40	60	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$	B.C.	3 4
	50	100	80	3 $\frac{9}{16}$	140	5 $\frac{17}{16}$	B.C.	5 9
60	65	70	60	2 $\frac{3}{8}$	110	4 $\frac{11}{16}$	B.C.	3 6
			85	60	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$
75	80	100	80	3 $\frac{9}{16}$	140	5 $\frac{17}{16}$	B.C.	7 3
			40	60	2 $\frac{3}{8}$	110	4 $\frac{11}{16}$	B.C.
100	to	60	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$	B.C.	2 3
			75	70	2 $\frac{3}{8}$	125	4 $\frac{15}{16}$	B.C.
130	100	80	80	3 $\frac{9}{16}$	140	5 $\frac{17}{16}$	B.C.	4 3
			40	60	2 $\frac{3}{8}$	110	4 $\frac{11}{16}$	B.C.
150	60	65	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$	B.C.	2 8
			100	80	3 $\frac{9}{16}$	140	5 $\frac{17}{16}$	B.C.
200	210	220	60	2 $\frac{3}{8}$	110	4 $\frac{11}{16}$	B.C.	2 3
			230	240	250	65	2 $\frac{9}{16}$	118
260	260	100	70	2 $\frac{3}{8}$	125	4 $\frac{15}{16}$	B.C.	3 6
			80	3 $\frac{9}{16}$	140	5 $\frac{17}{16}$	B.C.	4 3

VACUUM

Standard Watts	Approximate Dimensions				Voltage Range and Price per Lamp						
	Diameter		Length								
	mm.	ins.	mm.	ins.	25, 30	50	60 65 70 75 80 85	100 to 130	150	200 210 220 230 240 250 260	
15	55	2 $\frac{5}{16}$	90	3 $\frac{9}{16}$	2 0	2 6	2 10	2 0	2 6	2 2	
25	60	2 $\frac{3}{8}$	100	3 $\frac{15}{16}$	2 0	2 6	2 10	2 0	2 6	2 2	

Extras.—For special caps and other extras, see page 23.

For standard packages, see page 23.

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.



ELECTRIC LAMPS

GASFILLED

FOR STANDARD VOLTAGES AND GENERAL ILLUMINATION.



(26391C)

200 Volt, 75 Watt Cosmos Gasfilled Lamp.

Standard Volts		Standard Watts	Approximate Dimensions				Standard Caps	Price each s d
			Diameter		Length			
			m.m.	ins.	m.m.	ins.		
100 105 110 115 120 125 130	25	60	2 3/8	110	4 11/16	B.C.	2 1	
	40	60	2 3/8	110	4 11/16	B.C.	2 1	
	60	65	2 3/8	118	4 11/16	B.C.	2 3	
	75	70	2 3/8	125	4 15/16	B.C.	3 6	
	100	80	3 1/8	140	5 17/32	B.C.	4 3	
	150	80	3 1/8	164	6 1/2	E.S. or B.C.	6 6	
	200	95	3 3/8	202	7 13/16	E.S.	8 6	
	300	110	4 1/8	233	9 3/8	G.E.S.	11 6	
	500	130	5 1/8	270	10 5/8	G.E.S.	14 6	
	1000	165	6 1/2	327	12 7/8	G.E.S.	19 0	
	1500	165	6 1/2	327	12 7/8	G.E.S.	26 6	
200 210 220 230 240 250 260	40	60	2 3/8	110	4 11/16	B.C.	2 3	
	60	65	2 3/8	118	4 11/16	B.C.	2 3	
	75	70	2 3/8	125	4 15/16	B.C.	3 6	
	100	80	3 1/8	140	5 17/32	B.C.	4 3	
	150	80	3 1/8	164	6 1/2	E.S. or B.C.	6 6	
	200	95	3 3/8	202	7 13/16	E.S.	8 6	
	300	110	4 1/8	233	9 3/8	G.E.S.	11 6	
	500	130	5 1/8	270	10 5/8	G.E.S.	14 6	
	1000	165	6 1/2	327	12 7/8	G.E.S.	19 0	
		1500	165	6 1/2	327	12 7/8	G.E.S.	26 6

Outside Frosting—Either wholly or bowl only.—No extra.

Full frosting not recommended over 200 Watts.

Orders.—For 200 Watts or over, orders should specifically state if lamps are to be burned in other than vertical position.**Extras.**—For special caps and other extras see page 23.
For standard packages see page 23.

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.



**GAS FILLED
FOR LOW VOLTAGE INSTALLATIONS**

Standard Volts	Standard Watts	Approximate Dimensions				Standard Caps	Price each s. d.
		Diameter		Length			
		m.m.	ins.	m.m.	ins.		
25 30	15	50	1 $\frac{31}{32}$	110	4 $\frac{11}{16}$	B.C.	2 1
	25	60	2 $\frac{29}{32}$	110	4 $\frac{11}{16}$	B.C.	2 6
	40	60	2 $\frac{29}{32}$	110	4 $\frac{11}{16}$	B.C.	2 10
	60	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$	B.C.	3 4
35 40 45 50 55	15	50	1 $\frac{31}{32}$	110	4 $\frac{11}{16}$	B.C.	2 10
	25	60	2 $\frac{29}{32}$	110	4 $\frac{11}{16}$	B.C.	2 10
	40	60	2 $\frac{29}{32}$	110	4 $\frac{11}{16}$	B.C.	2 10
	60	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$	B.C.	3 4
	100	80	3 $\frac{3}{8}$	140	5 $\frac{1}{2}$	B.C.	5 9
	150	80	3 $\frac{3}{8}$	164	6 $\frac{1}{2}$	E.S.or B.C.	8 3
	200	95	3 $\frac{3}{8}$	202	7 $\frac{13}{16}$	E.S.	10 0
	300	110	4 $\frac{11}{16}$	233	9 $\frac{3}{8}$	G.E.S.	13 0
60 65 70 75 80 85	500	130	5 $\frac{5}{8}$	270	10 $\frac{5}{8}$	G.E.S.	16 3
	1000	165	6 $\frac{5}{8}$	327	12 $\frac{1}{2}$	G.E.S.	20 0
	1500	165	6 $\frac{5}{8}$	327	12 $\frac{1}{2}$	G.E.S.	29 0
	25	60	2 $\frac{29}{32}$	110	4 $\frac{11}{16}$	B.C.	3 6
150	40	60	2 $\frac{29}{32}$	110	4 $\frac{11}{16}$	B.C.	3 6
	60	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$	B.C.	4 3
	100	80	3 $\frac{3}{8}$	140	5 $\frac{1}{2}$	B.C.	7 3
	150	80	3 $\frac{3}{8}$	164	6 $\frac{1}{2}$	E.S.or B.C.	10 3
	200	95	3 $\frac{3}{8}$	202	7 $\frac{13}{16}$	E.S.	12 8
	300	110	4 $\frac{11}{16}$	233	9 $\frac{3}{8}$	G.E.S.	16 3
	500	130	5 $\frac{5}{8}$	270	10 $\frac{5}{8}$	G.E.S.	20 6
	40	60	2 $\frac{29}{32}$	110	4 $\frac{11}{16}$	B.C.	2 8
150	60	65	2 $\frac{9}{16}$	118	4 $\frac{11}{16}$	B.C.	2 8
	100	80	3 $\frac{3}{8}$	140	5 $\frac{1}{2}$	B.C.	4 9
	150	80	3 $\frac{3}{8}$	164	6 $\frac{1}{2}$	E.S.or B.C.	7 0
	200	95	3 $\frac{3}{8}$	202	7 $\frac{13}{16}$	E.S.	9 0
	300	110	4 $\frac{11}{16}$	233	9 $\frac{3}{8}$	G.E.S.	12 0
	500	130	5 $\frac{5}{8}$	270	10 $\frac{5}{8}$	G.E.S.	15 3

Outside Frosting.—Either wholly or bowl only.—No extra.

Full frosting not recommended for 200 Watts and over.

Orders.—For 200 Watts or over, orders should specifically state if lamps are to be burned in other than vertical position.

Extras.—For special caps and other extras, see page 23.

For standard packages, see page 23.

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.



ELECTRIC LAMPS
WHITE AND COLOUR SPRAYED
Gasfilled and Vacuum



(26390D)

240 Volt, 40 Watt Cosmos Colour Sprayed Lamp

These lamps are the standard Cosmos Gasfilled and Vacuum Lamps the bulbs of which have been sprayed with a translucent white or coloured coating of unglazed china. The coating has a smooth appearance, easily cleaned if necessary, and is unaffected by light, heat or weather conditions. White enamelling (wholly or partially) applies to all Gasfilled and Vacuum Lamps shown

Colour spraying—

Red, amber, blue, } for Gasfilled up to 200 Watts only.
 yellow ivory, }
 green, flame } for Vacuum up to 40 Watts only.

GAS FILLED

Standard Watts	Cap	Voltage Range and Price per Lamp.						
		25, 30	35 40 45 50 55	60 65 70 75 80 85	100—130	150	200 210 220 230 240 250 260	
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
15	B.C.	2 3	3 1	—	—	—	—	
25	B.C.	2 9	3 1	3 10	2 3	—	2 5	
40	B.C.	—	—	—	2 3	—	2 5	
60	B.C.	—	—	—	2 5	—	2 5	
75	B.C.	—	—	—	3 10	—	3 10	
100	B.C.	—	6 4	8 0	4 8	5 3	4 8	
150	E.S. or B.C.	—	9 1	11 3	7 2	7 8	7 2	
200	E.S.	—	11 0	14 0	9 4	9 11	9 4	
300	G.E.S.	—	14 4	17 11	12 8	13 2	12 8	
500	G.E.S.	—	17 11	22 6	16 0	16 9	16 0	

VACUUM

Standard Watts	Cap	Voltage Range and Price per Lamp.					
		25, 30	50	60 65 70 75 80 85	100—130	150	200 210 220 230 240 250 260
15	B.C.	s. d. 2 3	s. d. 2 9	s. d. 3 1	s. d. 2 3	s. d. 2 9	s. d. 2 5
25	B.C.	2 3	2 9	3 1	2 3	2 9	2 5
40	B.C.	—	—	—	2 3	2 9	2 5

Dimensions as for Standard Lamps.

N.B — Unless otherwise specified, lamps will be supplied rated for parallel burning.

COSMOS

ELECTRIC LAMPS

OPAL GASFILLED



(19044C. Ch. 1)

220 Volt, 60 Watt Cosmos Gasfilled Opal Lamp.

The Cosmos Opal Lamp is a Gasfilled Lamp, the bulb being made of opal glass. Glare is completely eliminated, whilst excellent light diffusion is retained. The smooth and polished surface of the bulb does not collect dust. This lamp is especially suitable for use in the home, and also for shop lighting when unshaded lights are installed.

Standard Watts	Cap	Voltage Range and Price per Lamp.						
		25, 30	35 40 45 50 55	60 65 70 75 80 85	100—130	150	200 210 220 230 240 250 260	
15	B.C.	2 4	3 2	—	—	—	—	
25	B.C.	2 10	3 2	4 0	2 4	—	—	
40	B.C.	3 2	3 2	4 0	2 4	3 0	2 6	
60	B.C.	3 9	3 9	4 9	2 6	3 0	2 6	
75	B.C.	—	—	—	4 0	—	4 0	
100	B.C.	—	6 6	8 3	4 10	5 4	4 10	
150	E.S. or B.C.	—	9 3	11 6	7 4	7 10	7 4	
200	E.S.	—	11 3	14 3	9 6	10 2	9 6	
300	G.E.S.	—	14 8	18 3	13 0	13 6	13 0	
500	G.E.S.	—	18 3	23 0	16 4	17 3	16 4	

Extras.—For Special Caps and other extras, see page 23.

For standard packages, see page 23

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.



ELECTRIC LAMPS



(16082 ch1)

110 Volt, 500 Watt Cosmos
Floodlighting LampSTANDARD GASFILLED
PROJECTOR LAMPSFor Home Cinema Projectors,
Optical Lanterns, etc.

Standard Bulbs, Tubular, Pipless.

Burning Position : Vertically,
with cap below (as illustrated).

(17563 ch)

220 Volt, 500 Watt Cosmos
Gasfilled Tubular
Projector Lamp

CLASS A.1.

Standard Volts	Standard Watts	Standard Cap	Dimensions			Type of Filament	Price each
			Diam. mm.	Overall Length mm.	Light Centre Length * mm.		
15	750	G.E.S.	64	230	120	—	s. d. 43 0
30	100	E.S.	38	140	75	Twin Pillar	12 0
30	250	E.S.	64	140	75	" "	22 6
30	600	G.E.S.	64	230	120	Vertical Grid	38 0
30	900	G.E.S.	64	230	120	" "	38 0
50	500	E.S./G.E.S.	64	140	75	" "	26 0
100/110	100	E.S.	38	140	75	" "	10 9
100/110	250	E.S.	64	140	75	" "	20 0
100/110	500	E.S./G.E.S.	64	140	75	" "	26 0
100/110	1000	G.E.S.	64	230	120	" "	33 6
200/260	100	E.S.	38	140	75	Diamond "	12 0
200/260	250	E.S.	64	140	75	" "	22 6
200/260	500	E.S./G.E.S.	64	140	75	" "	26 0
200/260	1000	G.E.S.	64	230	120	Grid "	33 6

* This dimension is from sole plate of cap to centre of filament.

STANDARD GASFILLED FLOODLIGHTING LAMPS WITH CONCENTRATED
FILAMENT.

Principally for use in illuminating exteriors. Spherical bulbs—Pipless.

Burning Position : At any angle, except within 45 degrees of the vertical, with cap above.

CLASS B.

Standard Volts	Standard Watts	Standard Caps	Diam.	Overall Length	Light Centre Length *	Type of Filament	Price each
			mm.	mm.	mm.		s. d.
100/130	100	E.S.	80	130	75	Bunch	10 9
	250	E.S.	95	135	75		20 0
	500	G.E.S.	130	190	115		28 6
	1000	G.E.S.	130	190	115		36 0
200/260	100	E.S.	80	130	75	—	12 0
	250	E.S.	95	135	75		22 6
	500	G.E.S.	130	190	115		31 0
	1000	G.E.S.	130	190	115		38 0

* This dimension is from sole plate of cap to centre of filament.

COSMOS

ELECTRIC LAMPS

VACUUM FOR GENERAL ILLUMINATION



(19113C.ch)

200 Volt, 40 Watt Cosmos Vacuum Lamp.

Volts	Watts	Approximate Dimensions				Standard Cap	Price each
		Diameter		Length			
		mm.	ins.	mm.	ins.		
100 105	15	55	2 $\frac{5}{16}$	90	3 $\frac{1}{2}$	B.C.	s. d.
110 115	25	60	2 $\frac{3}{8}$	100	3 $\frac{15}{16}$	B.C.	2 0
120 125	40	58	2 $\frac{9}{16}$	120	4 $\frac{1}{2}$	B.C.	2 0
130	60	64	2 $\frac{3}{8}$	140	5 $\frac{1}{2}$	B.C.	2 0
200 210	15	55	2 $\frac{5}{16}$	90	3 $\frac{1}{2}$	B.C.	2 2
220 230	25	60	2 $\frac{3}{8}$	100	3 $\frac{15}{16}$	B.C.	2 2
240 250	40	58	2 $\frac{9}{16}$	120	4 $\frac{1}{2}$	B.C.	2 2
260	60	64	2 $\frac{3}{8}$	140	5 $\frac{1}{2}$	B.C.	2 2

Caps.—No extra for E.S. or C.C.

White and Colour Sprayed Vacuum Lamps.—See page 5.

Extras.—For special caps and other extras, see page 23.

For standard packages, see page 23.

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.

COSMOS

ELECTRIC LAMPS

VACUUM

FOR ALL TYPES OF LOW VOLTAGE INSTALLATIONS.



(19113Ach.)

150 Volt, 40 Watt Cosmos Vacuum Lamp.

Standard Volts	Standard Watts	Approximate Dimensions				Standard Cap	Price Each
		Diameter		Length			
		mm.	ins.	mm.	ins.		
25	15	55	2 $\frac{5}{16}$	90	3 $\frac{9}{16}$	B.C.	s. d.
30	25	60	2 $\frac{3}{8}$	100	3 $\frac{1}{8}$	B.C.	2 0
50	15	55	2 $\frac{5}{16}$	90	3 $\frac{9}{16}$	B.C.	2 6
	25	60	2 $\frac{3}{8}$	100	3 $\frac{1}{8}$	B.C.	2 6
60, 65, 70	15	55	2 $\frac{5}{16}$	90	3 $\frac{9}{16}$	B.C.	2 10
75, 80, 85	25	60	2 $\frac{3}{8}$	100	3 $\frac{1}{8}$	B.C.	2 10
150	15	55	2 $\frac{5}{16}$	90	3 $\frac{9}{16}$	B.C.	2 6
	25	60	2 $\frac{3}{8}$	100	3 $\frac{1}{8}$	B.C.	2 6
	40	58	2 $\frac{3}{8}$	120	4 $\frac{1}{2}$	B.C.	2 6
	60	64	2 $\frac{3}{8}$	140	5 $\frac{1}{2}$	B.C.	2 6

Caps.—No extra for E.S. or C.C.

White and Colour Sprayed Vacuum Lamps.—See page 5.

Extras.—For special caps and other extras, see page 23.

For standard packages, see page 23

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.

GROUP I

COSMOS

ELECTRIC LAMPS

CANDLE LAMPS

VACUUM



(20427 Ch1)

**110 Volt, 20 Watt Cosmos
Candle Lamp, Plain.**



(17565 Ch1)

**210 Volt, 20 Watt Cosmos
Candle Lamp, Twisted.**

Volts	Watts	Approximate Dimensions								Price each	
		Plain				Twisted				Plain	Twisted
		Diameter		Length		Diameter		Length			
		mm.	ins.	mm.	ins.	mm.	ins.	mm.	ins.		
25, 30	20	39	1½	95	3¾	—	—	—	—	s. d. 3 0	s. d. —
50	20	39	1½	95	3¾	—	—	—	—	3 6	—
60, 65, 70 75, 80, 85	20	39	1½	95	3¾	—	—	—	—	4 0	—
100, 105, 110	20	39	1½	95	3¾	36	1½	95	3¾	3 0	3 6
115, 120, 125, 130	40	45	1¾	130	5¼	53	2¼	140	5½	3 6	4 0
200, 210, 220, 230	20	39	1½	95	3¾	36	1½	95	3¾	3 8	4 2
240, 250, 260	40	45	1¾	130	5¼	53	2¼	140	5½	4 3	4 9

Candle lamps are usually fitted with Small Bayonet Caps (S.B.C.), Small Edison Screw (S.E.S.), or Small Centre Contact (S.C.C.) Caps, but they can, if desired, be fitted with Standard Bayonet (B.C.) Edison Screw (E.S.) or Centre Contact Caps (C.C.) at the same price.

Extras.—For special caps and other extras, see page 23.

For standard packages, see page 23.

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.

COSMOS

ELECTRIC LAMPS

TUBULAR LAMPS

VACUUM



(16052ch.1)

210 Volt, 20 Watt Cosmos Tubular Lamp—Single Cap

(16081ch.)

100 Volt, 20 Watt Cosmos Tubular Lamp—Double Cap**SINGLE CAP**

Standard Volts	Standard Watts	Approximate Dimensions				Price each
		Diameter		Length		
		mm.	ins.	mm.	ins.	
50	20	26	1	93	3 $\frac{3}{8}$	s. d. 3 6
100, 105, 110 115, 120, 125, 130	20	26	1	93	3 $\frac{3}{8}$	3 0
200, 210, 220, 230 240, 250, 260	20	30	1 $\frac{1}{2}$	96	3 $\frac{3}{4}$	3 8

DOUBLE CAP

25, 30	20	23	$\frac{1}{2}$	221 & 284	8 $\frac{11}{16}$ & 11 $\frac{1}{16}$	4 0
50	20	23	$\frac{1}{2}$	221 & 284	8 $\frac{11}{16}$ & 11 $\frac{1}{16}$	4 0
60, 65, 70, 75, 80, 85	20	23	$\frac{1}{2}$	221 & 284	8 $\frac{11}{16}$ & 11 $\frac{1}{16}$	4 0
100, 105, 110 115, 120, 125, 130	20	23	$\frac{1}{2}$	221 & 284	8 $\frac{11}{16}$ & 11 $\frac{1}{16}$	4 0
	30	23	$\frac{1}{2}$	221 & 284	8 $\frac{11}{16}$ & 11 $\frac{1}{16}$	4 9
	60	27	$\frac{1}{2}$	221 & 284	8 $\frac{11}{16}$ & 11 $\frac{1}{16}$	5 3
200, 210, 220, 230 240, 250, 260	30	23	$\frac{3}{8}$	221 & 284	8 $\frac{11}{16}$ & 11 $\frac{1}{16}$	5 3
	60	27	1	221 & 284	8 $\frac{11}{16}$ & 11 $\frac{1}{16}$	6 3

Caps.—Single Cap Lamps.—Standard Caps, B.C., C.C., E.S., S.B.C., S.C.C., S.E.S.
S.B.C. supplied unless otherwise specified.

Double Cap Lamps.—Standard Caps—C.C., S.C.C. and Clip Contact.

Extras.—For other extras, see page 23.

For standard packages, see page 23.

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.



ELECTRIC LAMPS

TRACTION LAMPS

GASFILLED AND VACUUM

Specially constructed to withstand
Vibration and Voltage Fluctuations.



(19098A ch)

**110 Volt, 30 Watt Cosmos
Vacuum Lamp, Traction**

FOR TRAMWAY AND ELECTRIC TRAIN LIGHTING

Vacuum—Squirrel Cage Filament Type—For Series Burning

Standard Volts	Current Rating Amps.	Nominal Watts	Standard Cap	Approximate Dimensions				Price each
				Diameter		Length		
				mm.	ins.	mm.	ins.	
100	0.27	30	B.C. or E.S.	56	2 $\frac{1}{16}$	95	3 $\frac{3}{4}$	s. d.
110								2 0
120								
130	0.35	40	B.C. or E.S.	58	2 $\frac{3}{32}$	105	4 $\frac{5}{16}$	2 0

Inside Frosting.—Series burning Vacuum Traction Lamps can be supplied inside frosted, with Helix filaments only, at no extra charge.

GASFILLED—Pearl (INSIDE FROSTED AND OPAL)—For Series Burning

Standard Volts	Current Rating Amps.	Nominal Watts	Standard Cap	Approximate Dimensions				Price each	
				Diameter		Length		Clear or Inside Frosted	Opal
				mm.	ins.	mm.	ins.		
100	0.27	30	B.C. or E.S.	60	2 $\frac{3}{8}$	115	4 $\frac{1}{2}$	s. d.	s. d.
110								2 1	2 4
120								2 1	2 4
130								2 3	2 6

Note.—Cosmos Gasfilled Traction Lamps can be supplied in Clear Glass Bulbs if required.

When ordering Traction Lamps for Tramway and Train Lighting, please state (1) Maximum, minimum and nominal volts; (2) Wattage of Lamp required; (3) If for series burning, number of lamps in series.

Caps.—No extra for E.S. or C.C. Caps.

Extras.—For special caps, other extras and standard packages, see page 23.

N.B.—Unless otherwise specified, lamps will be supplied rated for parallel burning.



ELECTRIC LAMPS

TRAIN LIGHTING LAMPS

GASFILLED AND VACUUM



(19113B.ch)

24 Volt, 20 Watt Cosmos Vacuum Train Lighting Lamp

GASFILLED

Standard Volts	Standard Watts	Approximate Dimensions				Price each
		Diameter		Length		
		mm.	ins.	mm.	ins.	
16 to 25	15. 20	50	1 $\frac{3}{8}$	69	2 $\frac{3}{4}$	s. d. 2 1
	30	50	1 $\frac{3}{8}$	69	2 $\frac{3}{4}$	2 6

Standard Caps.—B.C. or S.B.C.

These Lamps can be supplied in Opal Bulbs—15 and 20 watts at 2/4 each; 30 watts at 2/10 each.

Inside Frosting.—All Gasfilled Train Lighting Lamps can be supplied inside frosted at no extra charge.

GASFILLED—WHITE SPRAYED

Standard Volts	Standard Watts	Approximate Dimensions				Price each
		Diameter		Length		
		mm.	ins.	mm.	ins.	
16 to 25	15, 20	50	1 $\frac{3}{8}$	69	2 $\frac{3}{4}$	s. d. 2 3
	30	50	1 $\frac{3}{8}$	69	2 $\frac{3}{4}$	2 9

Standard Caps.—B.C., S.B.C.

VACUUM

Standard Volts	Standard Watts	Approximate Dimensions				Price each
		Diameter		Length		
		mm.	ins.	mm.	ins.	
16 to 25	15, 20	50	1 $\frac{1}{2}$	69	2 $\frac{3}{4}$	s. d. 2 0
	20 (white sprayed)	50	1 $\frac{3}{8}$	69	2 $\frac{3}{4}$	2 3

Standard Caps.—B.C. S.B.C., E.S.



ELECTRIC LAMPS



(17335ch)

200 Volt, 20 Watt Cosmos Sign Lamp

SIGN LAMPS
VACUUM

(20434ch2)

14 Volt, 7 Watt Cosmos Sign Lamp

The ever-growing popularity of the electric sign has called for a lamp designed to meet the special conditions of this form of lighting service.

The COSMOS SIGN LAMP has been developed to fill these requirements.

The filament is of the spiralised type similar to that which has given such eminently satisfactory results in the Cosmos Traction Lamps. It is arranged to give a maximum light projection towards the end of the bulb.

Volts	Watts	Caps	Approximate Dimensions				Price each	
			Diameter		Length		Clear	White & Coloured enamel
			mm.	ins.	mm.	ins.		
14*	7	S.B.C. or S.E.S.	26 or 52	1 2	45 70	1 3/8 2 3/8 }	s. d. 1 6	s. d. 1 8
100/130	10	B.C. or E.S.	44	1 11/16	90	3 9/16	2 0	2 3
	20		44	1 11/16	90	3 9/16	2 0	2 3
200/260	20	B.C. or E.S.	44	1 11/16	90	3 9/16	2 2	2 5

SIGN LAMPS IN DAYLIGHT GLASS BULBS

Voltage Range and Price per Lamp						
Watts	25, 30	50	60, 65, 70, 75, 80, 85	100—130	150	200, 210, 220, 230, 240, 250, 260
15	s. d. 2 6	s. d. 3 2	s. d. 3 7	s. d. 2 6	s. d. 3 2	s. d. 2 9
20	2 6	3 2	3 7	2 6	3 2	2 9
25	2 6	3 2	3 7	2 6	3 2	2 9

* For Series Burning.

Extras.—(a) Outside frosting, wholly or bowl only, no extra.

(b) For self-coloured bulbs, 100/130 and 200/260 volts can be supplied at the following extra charge :—

Green or amber, 50% extra.

Ruby, 100% extra.

COSMOS CARBON FILAMENT LAMPS



(16045 ch. 1)

200 Volt, 16 C.P. Cosmos Carbon Filament Lamp

Standard Volts	Approximate Dimensions						Price each
	5 C.P.		8 C.P.		16 C.P.		
	Diam.	Length	Diam.	Length	Diam.	Length	
25, 30	ins. 2 $\frac{3}{8}$	ins. 4 $\frac{5}{16}$	ins. 2 $\frac{3}{8}$	ins. 4 $\frac{5}{16}$	ins. 2 $\frac{3}{8}$	ins. 4 $\frac{5}{16}$	s. d. 2 0
35, 40, 45, 50, 55	2 $\frac{3}{8}$	4 $\frac{5}{16}$	2 $\frac{3}{8}$	4 $\frac{5}{16}$	2 $\frac{3}{8}$	4 $\frac{5}{16}$	1 8
100, 105, 110 115, 120, 125, 130 }	2 $\frac{3}{8}$	4 $\frac{5}{16}$	2 $\frac{3}{8}$	4 $\frac{5}{16}$	2 $\frac{3}{8}$	4 $\frac{5}{16}$	1 6
150			2 $\frac{3}{8}$	4 $\frac{5}{16}$	2 $\frac{3}{8}$	4 $\frac{5}{16}$	1 8
200, 210, 220, 230, 240, 250, 260 }	2 $\frac{3}{8}$	4 $\frac{5}{16}$	2 $\frac{3}{8}$	4 $\frac{5}{16}$	2 $\frac{3}{8}$	4 $\frac{5}{16}$	1 6

Standard Volts	Approximate Dimensions				Price each	
	32 C.P.		50 C.P.		32 C.P.	50 C.P.
	Diam.	Length	Diam.	Length		
100, 105, 110, 115, 120, 125, 130 }	ins. $2\frac{8}{16}$	ins. 5	ins. $3\frac{1}{16}$	ins. $5\frac{1}{16}$	s. d. 1 9	s. d. 3 6
150	$2\frac{8}{16}$	5	$3\frac{1}{16}$	$5\frac{1}{16}$	1 11	—
200, 210, 220, 230, 240, 250, 260 }	$2\frac{8}{16}$	5	$3\frac{1}{16}$	$5\frac{1}{16}$	1 9	3 6

RADIATOR LAMPS

Standard Watts	Standard Volts		
	100/110	150	200/220 230/250
	s. d. 4 3	s. d. 5 6	s. d. 4 3
250			

Other carbon filament lamps, prices on application.

Caps.—No extra for E.S. or C.C.**Extras.**—For special caps and other extras, see page 23.

COSMOS AUTOMOBILE LAMPS

BAS RATINGS

GASFILLED AND VACUUM

For all makes of Motor Cars, Motor Cycles, Motor Boats, Yachts, Aeroplanes, etc.

Lamps listed below have been standardized in agreement with the leading Car Lighting Set and Lantern Manufacturers. They bear the mark BAS on the cap, and are supplied in the two standard caps SBC and SCC, straight-sided (flangeless) with long pins. All other caps extra.

HEADLIGHT—GASFILLED



(20843C.ch)

**Cosmos Automobile
Headlight (Gasfilled)**

Std. Volts	Std. Watts	Amps.	B.A.S. Nos.	Max. dia. of Bulb mm.	British Cap	American Cap
					Price each	Price each
6/7	12	2.0	B.A.S.1.	40	s. d. 2 9	s. d. 2 10
	18	3.0	B.A.S.2.	40	2 9*†	2 10*†
12/14	24	2.0	B.A.S.3.	40	2 9*†	2 10*†
	36	3.0	B.A.S.4.	52	3 0*†	3 1*†

*May be supplied half yellow sprayed horizontally from cap to end of bulb at 9d. each extra.

†May be supplied partially white sprayed at 1/- each extra.

HEADLIGHT—VACUUM



(20843A.ch)

**Cosmos Automobile
Headlight (Vacuum)**

Std. Volts	Std. Watts	Amps.	B.A.S. Nos.	Max. dia. of Bulb mm.	British Cap	American Cap
					Price each	Price each
6/7	15	2.5	B.A.S.5.	40	s. d. 2 3	s. d. 2 4
12/14	24	2.0	B.A.S.6.	40	2 3	2 4
	36	3.0	B.A.S.7.	52	2 9	2 10

SIDE, TAIL AND DASHLIGHT—VACUUM



(20845A.ch)

**Cosmos Automobile
Side, Tail and Dashlight**

Std. Volts	Std. Watts	Amps.	B.A.S. Nos.	Max. dia. of Bulb mm.	British Cap	American Cap
					Price each	Price each
6/7	3.0	0.5	B.A.S.8.	19	s. d. 1 6	s. d. 1 7
	6.0	1.0	B.A.S.9.	23	1 6	1 7
12/14	6.0	0.5	B.A.S.10	23	1 6	1 7

Extras.—For special caps, other extras, and standard packages see page 23.

When ordering please state type of cap required.

COSMOS AUTOMOBILE LAMPS

NON-BAS RATINGS

GASFILLED AND VACUUM

For all makes of Motor Cars, Motor Cycles, Motor Boats, Yachts, Aeroplanes, etc.

HEADLIGHT—GASFILLED



(20844C.ch)

Cosmos Double Filament Headlight (Gasfilled)

Std. Volts	Std. Watts	Amps.	Max. dia. of Bulb mm.	British Cap	American Cap
				Price each	Price each
4	6	1.5	40	s. d. 3 0	s. d. 3 0
6/7	24	4.0	40	3 6**	3 6***†
8/9	16	2.0	40	3 6	3 6
12	12	1.0	40	3 0*	3 0*
	48	4.0	52	4 0	4 0

TWIN FILAMENT

6/7	12 & 3	2.0 & 0.5	40	4 0**	4 0***†
6/7	18 & 18	3.0 & 3.0	40	4 3†	4 3†
12/14	24 & 6	2.0 & 0.5	40	4 0**	4 0***†

*May be supplied White Sprayed at 3/6, or in Opal Glass at 3/9.
**May be supplied half yellow sprayed horizontally from cap to end of bulb at 9d. each extra.

† With special moulded bulb.
‡ May be supplied partially white sprayed at 1/- each extra.

HEADLIGHT—VACUUM

Double Filament



(20844B.ch)

Cosmos Double Filament Headlight (Vacuum)

Std. Volts	Std. Watts	Amps.	Max. dia. of Bulb mm.	British Cap	American Cap
				Price each	Price each
6/7	9 & 3	1.5 & 0.5	40	s. d. 3 6	s. d. 3 6
	18 & 3	3.0 & 0.5	40	3 6	3 6
12/14	36 & 6	3.0 & 0.5	52	4 0	4 0

SIDE, TAIL AND DASHLIGHT—VACUUM



(20844E.ch)

Cosmos Automobile Side, Tail and Dashlight

Std. Volts	Std. Watts	Amps.	Max. dia. of Bulb mm.	British Cap	American Cap
				Price each	Price each
2	1.0	0.5	19	s. d. 1 8	s. d. 1 8
3	2.0	0.7	19	1 8	1 8
4	3.0	0.75	19	1 8	1 8
8/9	4.0	0.5	19	1 8	1 8
12/14	4.0	0.33	19	1 8	1 8
	9.0	0.75	23	1 8	1 8

Standard Caps.—S.B.C., S.C.C., A.S.B.C., A.S.C.C.

Extras.—For special caps, other extras, and standard packages see page 23.

When ordering please state type of cap required.

COSMOS AUTOMOBILE LAMPS

VACUUM

For all makes of Motor Cars and Motor Cycles.

INDICATOR LAMP—VACUUM



(16072Ach3)

Cosmos Automobile Indicator Lamp

Std. Volts	Std. Watts	Amps.	Approx. Dimensions		Price each
			Dia. mm.	Length mm.	
4	2.0	0.5	15	28	s. d. 1 10
6/7	3.0	0.5	15	28	1 10
8/9	1.6	0.2	15	28	1 10
12/14	2.4	0.2	15	28	1 10
16/18	3.0	0.2	15	28	1 10

Standard Cap.—M.E.S.

INTERIOR LAMP—TUBULAR—VACUUM



(35656ch1)

Cosmos Automobile Tubular Lamp

Std. Volts	Std. Watts	Amps.	Approx. Dimensions		Price each
			Dia. mm.	Length mm.	
12/14	6.0	0.5	18	47	s. d. 2 9

Standard Caps.—S.B.C., S.C.C., A.S.B.C., A.S.C.C.

FESTOON LAMP—VACUUM



(16412Ach2)

Cosmos Automobile Festoon Lamp

Std. Volts	Std. Watts	Amps.	Approx. Dimensions		Price each
			Dia. mm.	Length mm.	
6/7	6.0	1.0	18	45	s. d. 3 0
12/14	6.0	0.5	18	45	3 0

Standard Cap.—Double ended as per illustration.

POLICE AND MINE INSPECTION LAMPS—VACUUM



(16072Ach3)

Cosmos Police and Mine Inspection Lamp

Std. Volts	Std. Watts	Amps.	Dia. of bulb mm.		Price each s. d.
			Min.	Max.	
*2	1.5	0.75	14	16	1 10
†2	1.45	0.73	14	17	1 10

Standard Caps.—*M.E.S. †M.S.B.C.

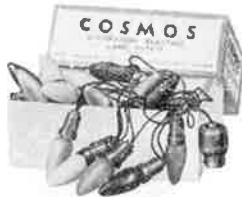
Extras.—For special caps, other extras and standard packages, see page 23.

When ordering, please state type of cap required.

COSMOS CHRISTMAS TREE AND DECORATION LAMPS

(OLIVE SHAPE)

VACUUM



(12/2459)

Cosmos Christmas Tree Lamp Outfit

These lamps are made up in complete outfits, each outfit comprising a set of lamps with holders wired on flexible cord, ready for use by merely inserting the adaptor supplied into any convenient B.C. lampholder.

Lamps are supplied varnished in the following colours: White, Red, Orange, Blue, Yellow and Green.

By the use of Cosmos Christmas Tree Lamps excellent decorative effects are obtainable without the usual fire risks inseparable from the old-fashioned wax candle.

OUTFIT No. 1.—For 100-125 volt £ s. d.

Circuits.			
9 Cosmos Lamps, 14 volt, 7 watt (M.E.S. Caps), varnished in various colours, at 1/6 each	..	0 13	6
8 Holders 25 feet flex, and B.C. Adaptor		0 6	0

Complete **0 19 6****OUTFIT No. 2.—For 200-250 volt £ s. d.**

Circuits.			
18 Cosmos Lamps, 14 volt 7 watt (M.E.S. Caps), varnished in various colours, at 1/6 each	..	1 7	0
16 Holders, 41 feet flex and B.C. Adaptor		0 10	6

Complete **1 17 6****SPARE LAMPS.**

	£	s.	d.
OUTFIT No. 1.—Box of 9 Lamps at 1/6 each	0	13	6
OUTFIT No. 2.—Box of 18 Lamps at 1/6 each	1	7	0

GROUP II

COSMOS BUS LAMPS

GASFILLED AND VACUUM

GASFILLED

Standard Volts	Standard Watts	Amps.	Dia. of bulb mm.		Price each
			Min.	Max.	
12/14	10	0.85	48	52	s. d. 2 9*
14	14	1.0	48	52	3 0†

VACUUM

					s. d.
12/14	6	0.5	48	52	1 8
12/14	12	1.0	48	52	1 9**

Standard Cap.—S.B.C

For B.C., E.S., and S.E.S. Caps, no extra.

*May be supplied White Sprayed at 3/- each, or Opal Glass at 3/2 each.

†May be supplied White Sprayed at 3/4 each, or Opal Glass at 3/6 each.

**May be supplied White Sprayed at 2/- each, or Opal Glass at 2/3 each.

Inside Frosting.—Gasfilled Bus Lamps can be supplied Inside Frosted at no extra charge.



(19097 ch.)

**Cosmos Bus Lamp
(Gasfilled)**

COSMOS MINERS' LAMPS

VACUUM



(20845B)
Cosmos Miners' Lamp
(Taper Peg) Cap



(20845C)
Cosmos Miners' Lamp
(Mushroom)



(20845D)
Cosmos Miners' Lamp

All Colliery Engineers are aware that a Miners' Handlamp is frequently subjected to very rough usage, and a particularly robust filament is therefore necessary.

Full consideration has been given to this important point in designing Cosmos Miners' Bulbs.

Bulb		Cap	Overall Length		Rating		Price each
Type	Dia. m/m		With Tip m/m	Tip-less m/m	Volts	Amps.	
Squat	26	Miners' Taper Peg	50	—	2-4	0·5-1·0	s. d. 1 6
"	23	Miners' Straight Peg	45	—	2-4	0·5-1·0	1 6
"	26	Small Edison Screw	—	45	2-4	0·5-1·0	1 6
"	26	Small Bayonet, centre contact ..	—	37	2-4	0·5-1·0	1 6
Mush-room	28	Miniature Edison Screw (with skirt) ..	—	30	2-4	0·5-1·0	3 0

No extra for other caps

For Mine Inspection Lamps, see page 18.

GROUP III

FLASHLIGHT LAMPS FOR PEDAL BICYCLES

Round Clear Bulbs, with Helix Filament



(19147Cch.)
15 mm. Round Bulb
(Clear)
(full size)

Standard Volts	Amps.	Bulb Dia. mm.	Price each
3·5	0·2	15	s. d. 0 10
4·0	0·3	15	0 10
5·5	0·15	15	0 10
5·5	0·3	15	0 10

Standard Caps—MES pressed thread.

For standard packages see page 23.

For other Flashlight Lamps see page 21.

COSMOS FLASHLIGHT LAMPS

ROUND OR FLAT BULBS



(19147Ach.)
12 mm. Flat End Bulb, Opal Back
(full size)



(25222A)
15 mm. Round Bulb, Clear
(full size)



(19147Bch.)
12 mm. Flat Bulb, Clear
(full size)

Standard Volts	Amps.	Bulb Diameter mm.	Price each	
			Clear	Opal Back
1.25	0.25	12	7d.	—
2.0	0.3	12	7d.	—
2.0	0.6	15	7d.	—
2.5	0.2	12	4½d.	5½d.
2.5	0.2	15	6d.	—
2.5	0.3	15	6d.	—
3.5	0.15	12	6d.	7d.
3.5	0.2	12	5d.	6d.
3.5	0.3	12 & 15	4½d.	5½d.
4.0	0.3	12	7d.	—
4.0	0.3	15	6d.	—
4.0	0.5	15	7d.	—
4.5	0.3	15	7d.	—

For Flashlight Lamps for Pedal Bicycles, see page 20.

Standard Bulb Shapes.—For 12 mm. diameter—flattened.
 „ 15 „ „ round.

Standard Filaments.—Wave shape.

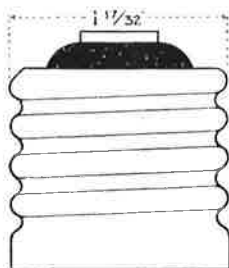
Standard Caps.—MES pressed thread.

Extras.—For flat bulbs where round is standard, add 1d. each.
 „ round bulbs where flat is standard, add 1d. each.
 „ non-standard dimensions—Prices on application.
 „ half opal when not listed, add 1½d. per lamp on clear price.
 „ superficial colour or varnish add 2d. per lamp on clear price.
 „ Helix filament when not standard, add 4d. per lamp on clear price.
 „ Frosting (outside only) add 2d. per lamp on clear price.

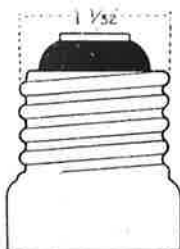
For standard packages, see page 23.

COSMOS LAMPS

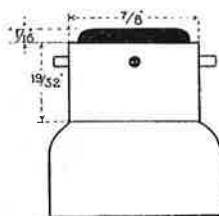
STANDARD CAPS APPROXIMATE DIMENSIONS



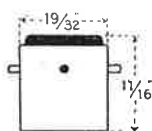
(37486)
Goliath Edison Screw Cap



(37485)
Edison Screw Cap



(37479Ch)
Bayonet Cap



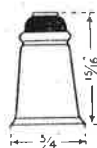
(37489Ch)
Small Bayonet Cap



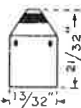
(37473)
Small Edison
Screw Cap



(37474)
Miniature Edison
Screw Cap



(41921)
Miners' Taper
Peg Cap



(11973Ch)
Miners' Straight
Peg Cap



(37475)
Festoon
Lamp Cap

(37486)

Bayonet Caps can be supplied with Centre Contact or 3 pins if desired.

COSMOS LAMPS

EXTRAS

	GROUP I			GROUP II	
	Gasfilled	Vacuum	Carbon	B.A.S. Ratings	Non B.A.S. Ratings
1. Frosting.					For gasfilled Bus Lamps only no extra
(a) For inside	See page 2	See page 2	—	—	—
(b) For outside—bowl or totally obscuring	no extra	no extra	no extra	5%	5%
2. Tinting.					
(a) Superficial colouring or varnishing (other than spraying)	10%	10%	20%	10%	10%
(b) For white or colour spraying	See page 5	See page 5	—	For Bus Lamps only See page 19	—
(c) For self coloured green, blue or amber	50%	50%	—	50%	50%
(d) For self coloured ruby or other tints	100%	100%	—	100%	100%
3. Marking. —For users only. 1d. per lamp net. (Group III Lamps cannot be specially marked). No charge to users for orders of 500 Lamps (or £50 list value) for immediate delivery.					
4. Bulbs. For other than standard sizes.	—	—	—	25%	25%
5. Caps.					
(a) For S.B.C., S.E.S., S.C.C., in place of B.C., E.S., C.C.	1d.*	1d.*	1d.*		
(b) For 3 pin caps (B.C.)	1½d.	1½d.	1½d.		
(c) For 3 pin caps (B.C.) centre and double contact				1½d.	1½d.
(d) For American S.B.C. and S.C.C.					
(e) For Bosche caps—up to 60 w.	9d.			1d.	no extra
over 60 w.	1/6			6d.	6d.
†(f) Fairyland caps	6d.	6d.	6d.		
(g) For Vitrite 646 or 615 up to and including 60 watts—lots of 500 and over.	1½d.	1½d.			
For lots of less than 500	3d.	3d.			
(h) G.E.S. in place of B.C. or E.S. or vice versa	1/-				
(i) M.E.S. for 15 and 19 mm. bulbs only				2d.	no extra
(j) Hollow and cartridge caps.				4d.	4d.
(k) Other special caps	1/-	1/-	1/-	9d.	9d.
6. Non Standard Voltage. For voltages other than standard voltages given in the Catalogue which are multiples of 5 volts up to 275 volts	5%	5%	5%		
7. Testing. At other than Makers' Works	5%	5%	5%	5%	5%

*Applicable up to 40 watts only; 32 c.p. for Carbon Lamps. Larger wattages cannot be supplied with smaller than standard caps.

†Applicable up to 60 watts only, 32 c.p. for Carbon Lamps.

STANDARD PACKAGE QUANTITIES

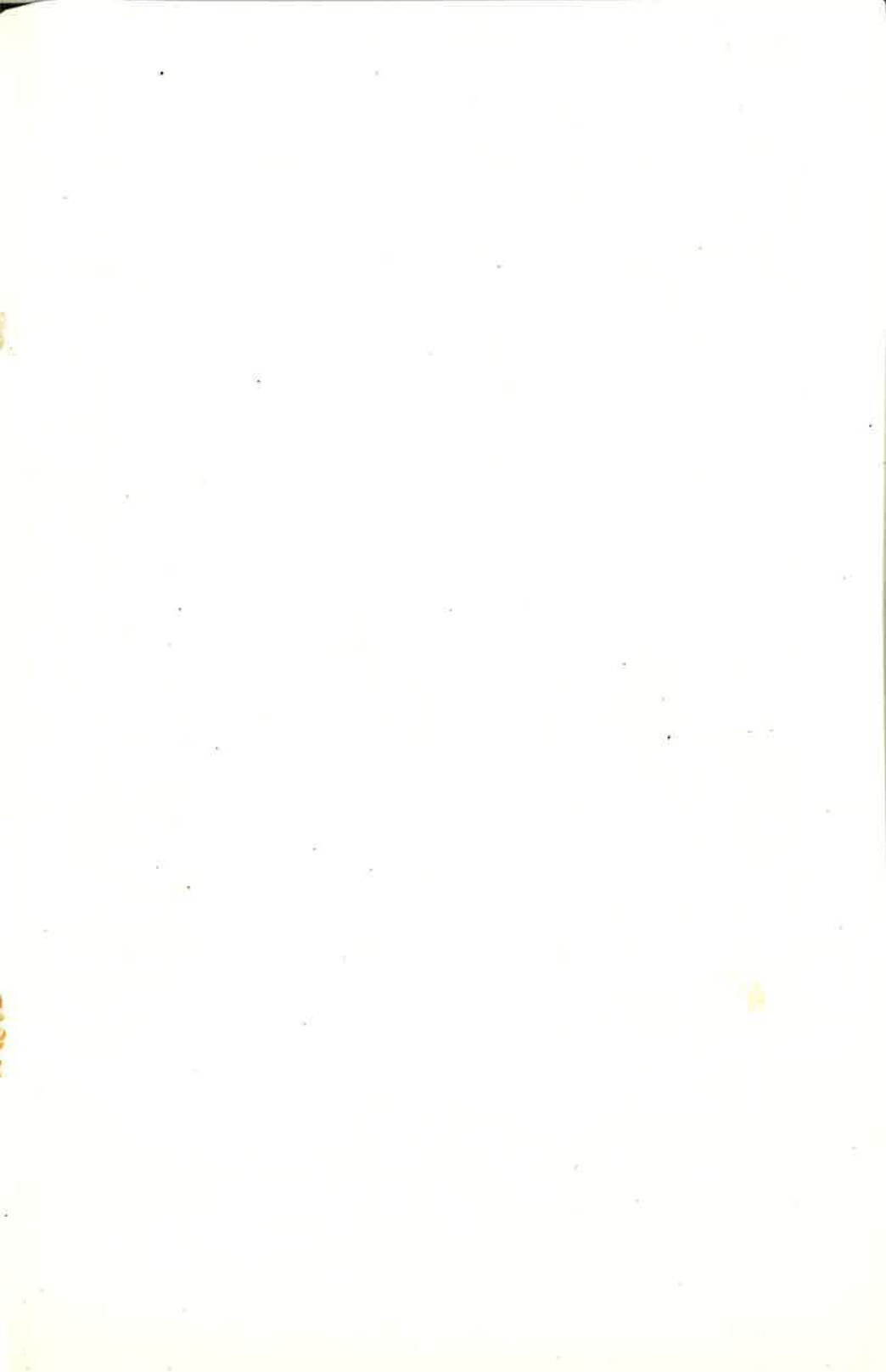
GASFILLED LAMPS	30, 40 and 60 watt	100 per Carton
	100, 150 and 200 watt	50 "
	300 watt	25 "
	500 watt	16 "
	1000/1500 watt	No Standard
VACUUM LAMPS	10/60 watt (including traction)	100 per Carton
Train Lighting		No Standard
CARBON LAMPS	All ratings	50 or 100 per Carton
AUTOMOBILE LAMPS, Festoon		12 per box
" " " " " " " "	Side, Tail and Dash	12 "
" " " " " " " "	Tubular	12 "
" " " " " " " "	Head, Spotlight	12 "
" " " " " " " "	Steering Pillar Lamps	100 "
" " " " " " " "	Bus Lamps	12 "
SIGN LAMPS		12 "
MINERS' LAMPS		12 "
POLICE AND MINE INSPECTION LAMPS		100 "
FLASH LAMPS		100 "

These are afterwards packed into Cartons in multiples of these quantities.

NOTES

NOTES

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MET-VICK
COSMOS
LAMPS