

# MAZDA

## LAMPS

MADE IN ENGLAND  
FROM BRITISH MATERIALS



*Beauty  
enriched by Light*



THE LAMPS WITH THE WONDERFUL NON-SAG FILAMENT





# WITH THE WONDERFUL NON-SAG FILAMENT

## MAZDA SERVICE DEPOTS

— Telephone your requirements —

LONDON—Head Office, Crown House, Aldwych, W.C.2

Telephone : Temple Bar 8040

Telegrams : Asteroidal, London

### Trade Counters and Stores

Crown House, Aldwych, W.C.2 Telephone : Temple Bar 1343

3-7 Wenlock Road, City Road, N.1 „ Clerkenwell 9333

BELFAST..	..	38A Queen Street	..	Belfast 4523
BIRMINGHAM ..	..	10 & 11 Snow Hill	..	Central 8301
BLACKBURN ..	..	Old Bank, Old Bank St.,	..	
	..	King Street	..	Blackburn 7093
BRISTOL..	..	119 Victoria Street	..	Bristol 20111
CARDIFF..	..	26 & 27 St. Mary Street	..	Cardiff 5258
DUBLIN ..	..	25 Suffolk Street	..	Dublin 21379
DUNDEE ..	..	17 Baltic Street	..	Dundee 5600
EDINBURGH ..	..	130 George Street	..	Edinburgh 30896
GLASGOW ..	..	53 Pitt Street (opposite	..	
	..	Waterloo Street)	..	Central 4331
LEEDS ..	..	46 Wellington Street	..	Leeds 28011
LEICESTER ..	..	38 Friar Lane	..	Leicester 22811
LIVERPOOL ..	..	27 & 29 Stanley Street	..	Bank 5700
MANCHESTER ..	..	King's House, 42 King	..	
	..	Street West	..	Blackfriars 2691
MIDDLES-	..	Post Office Buildings,	..	Middlesbrough
BROUGH	..	Marton Road	..	2476
NEWCASTLE ..	..	Commercial Union Build-	..	
	..	ings, 47 Pilgrim Street	..	Central 25040
NORWICH ..	..	Cambridge House, 26	..	
	..	Tombland	..	Norwich 2541
NOTTINGHAM..	..	Sherwood Buildings, South	..	
	..	Sherwood Street	..	Nottingham 2061
PORTSMOUTH..	..	54 St. Vincent Street	..	—
SHEFFIELD ..	..	Mazda Buildings, Camp-	..	
	..	Lane	..	Sheffield 23161
SOUTHAMPTON	..	6 West Street	..	Southampton 6209
SWANSEA ..	..	Mazda House, 7 Mel-	..	
	..	bourne Place	..	Swansea 2151

Works: RUGBY, WILLESDEN, COVENTRY, BIRMINGHAM, CHESTERFIELD.

MADE IN ENGLAND FROM BRITISH MATERIALS

Branches

Patent  
Notice  
and  
Con-  
version  
Table

Delivery  
Condition  
and  
Lamp  
Classifi-  
cations

Extra  
Charges

Pearl  
Mazda  
Gasfilled  
and  
Vacuum  
Clear

Type "O"  
(Opal),  
"Longlite"  
(Opal),  
Traction  
and Train

Sign,  
Neon  
and  
Candle  
Tubular  
and  
Carbon

Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour

Projector

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
amp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

# **MAZDA** **LAMPS WITH THE WONDERFUL** **NON-SAG FILAMENT**

## **PATENT NOTICE**

**M**AZDA LAMPS, both gasfilled and vacuum, are based on original inventions developed in the Mazda Laboratories. Certain manufacturers are permitted under licence to make use of Mazda Patents, the ownership of which, however, remains in the hands of the patentees.

Modern electric lighting is a direct result of Mazda research. When you buy a Mazda Lamp, you are buying a device which embodies every feature of efficiency and economy discovered to date by the world's ablest lamp experts.

Mazda Lamps are made in Rugby, England, by The British Thomson-Houston Co., Ltd., under one or more of the following British Patents owned by the makers, viz. :

Nos.	Nos.	Nos.
147293	180125	223204
228907	196591	226215
	269535	
	and others.	

**MADE IN ENGLAND FROM BRITISH MATERIALS**



**WITH THE WONDERFUL  
NON-SAG FILAMENT**

Patent  
Notice  
and  
Con-  
version  
Table

## CONVERSION TABLE

MILLIMETRES INTO INCHES (to  $\frac{1}{32}$  of an inch)

m/m	Inches	m/m	Inches	m/m	Inches
1	0 1/25	40	1 9/16	80	3 5/32
2	0 1/12	41	1 5/8	81	3 3/16
3	0 1/8	42	1 1/32	82	3 7/32
4	0 5/32	43	1 1/16	83	3 9/32
5	0 3/16	44	1 23/32	84	3 5/16
6	0 1/4	45	1 25/32	85	3 11/32
7	0 9/32	46	1 13/16	86	3 3/8
8	0 5/16	47	1 27/32	87	3 7/16
9	0 11/32	48	1 7/8	88	3 15/32
		49	1 15/16	89	3 1/2
10	0 13/32	50	1 31/32	90	3 17/32
11	0 7/16	51	2	91	3 19/32
12	0 15/32	52	2 1/16	92	3 5/8
13	0 1/2	53	2 3/32	93	3 21/32
14	0 9/16	54	2 1/8	94	3 11/16
15	0 19/32	55	2 5/32	95	3 3/4
16	0 5/8	56	2 7/32	96	3 25/32
17	0 21/32	57	2 1/4	97	3 13/16
18	0 23/32	58	2 9/32	98	3 27/32
19	0 3/4	59	2 5/16	99	3 29/32
20	0 25/32	60	2 3/8	100	3 15/16
21	0 13/16	61	2 13/32	101	3 31/32
22	0 7/8	62	2 7/16	102	4 1/32
23	0 29/32	63	2 15/32	103	4 1/16
24	0 15/16	64	2 17/32	104	4 3/32
25	0 31/32	65	2 9/16	105	4 1/8
26	1 1/32	66	2 19/32	106	4 3/16
27	1 1/16	67	2 5/8	107	4 7/32
28	1 3/32	68	2 11/16	108	4 1/4
29	1 5/32	69	2 23/32	109	4 9/32
30	1 3/16	70	2 3/4	110	4 11/32
31	1 7/32	71	2 25/32	111	4 3/8
32	1 1/4	72	2 27/32	112	4 13/32
33	1 5/16	73	2 7/8	113	4 7/16
34	1 11/32	74	2 29/32	114	4 1/2
35	1 3/8	75	2 15/16	115	4 17/32
36	1 13/32	76	3	116	4 9/16
37	1 15/32	77	3 1/32	117	4 19/32
38	1 1/2	78	3 1/16	118	4 21/32
39	1 17/32	79	3 1/8	119	4 11/16

Delivery  
Condition  
and  
Lamp  
Classifi-  
cations

Extra  
Charges

Pearl  
Mazda  
Gasfilled  
and  
Vacuum  
Clear

Type "O"  
(Opal),  
"Longlite"  
(Opal),  
Traction  
and Train

Sign,  
Neon  
and  
Candle  
Tubular  
and  
Carbon

Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour

Projector

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## DELIVERY CONDITIONS for MAZDA LAMPS WITHIN FREE DELIVERY AREAS

(1) Any number of Lamps in all Groups may be Packed and Delivered FREE within :

(a) Twelve miles radius of G.P.O., London :

(b) Six miles radius of G.P.O., at :

Aberdeen	Colchester	Hull	Preston
Accrington	Cork	Ipswich	Reading
Ashford	Coventry	Leeds	Rotherham
Bedford	Croydon	Leicester	Rugby
Belfast	Derby	Lincoln	Sheffield
Birmingham	Doncaster	Liverpool	Southampton
Blackburn	Dublin	Manchester	Stoke
Blackpool	Dundee	Middlesbrough	Sunderland
Bradford	Edinburgh	Newcastle-on-Tyne	Swansea
Brighton	Exeter	Newport, Mon.	Taunton
Bristol	Glasgow	Norwich	Tonbridge
Burslem	Gloucester	Nottingham	Tunbridge Wells
Cardiff	Grimby	Plymouth	Worthing
Chesterfield	Huddersfield	Portsmouth	

Sound Delivery guaranteed under conditions given in Clause 5 below.

## OUTSIDE FREE DELIVERY AREAS

(Route to be at Supplier's discretion.)

### Group I

- (2) (a) *For not less than £2 list value to one address. Packed and delivered free within any railway free delivery radius. Sound delivery guaranteed under conditions given below.*
- (b) *For less than £2 list value to one address. Packed Free, but Carriage charged at not less than cost. Sound delivery NOT guaranteed, lamps being forwarded at buyer's risk.*

### Other Groups

- (3) (a) *For not less than 20s. list value to one address. Packed and delivered free within U.K. and sound delivery guaranteed under conditions given below.*
- (b) *For less than 20s. list value to one address. Packed free but Carriage charged at not less than cost and sound delivery NOT guaranteed.*

### Mixed Groups

- (4) *For mixed consignments which include any Group I lamps the charges and conditions for that group will apply.*

### Sound Delivery Conditions

- (5) *Where sound delivery is guaranteed we credit or replace lamps broken in transit between our store and 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 to be quoted. We will not accept responsibility for safe custody of such returned lamps.*

### Re-Delivery, Breakage

- (6) *No transportation or breakage allowance will be given by us except on deliveries made by us direct.*

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**WITH THE WONDERFUL  
NON-SAG FILAMENT**

## LAMP CLASSIFICATIONS

**GROUP :** The Lamps are divided into five groups as shown below :—

**GROUP I.** All lamps for standard lighting service—in general of 16 volts and above ; also Train Lighting and Projector Lamps.

**GROUP II.** Lamps for battery service—in general below 16 volts, except Miners' Handlamps (Group V), and Christmas Tree Lamps (Group VI), and Flashlight lamps.

**TYPE :** General—VACUUM, GASFILLED and CARBON.

**Specific :** Determined by shape of bulb (*i.e.*, Regular, Tubular, Candle, etc.) or arrangement of filament.

**SIZE :** Determined by wattage (*i.e.*, 25, 40, 60, etc.) in the case of Gasfilled and Vacuum Lamps and by candle-power in the case of Carbon Lamps.

Group	General Type	Specific Type.
I.	VACUUM.	Regular { Pearl. Clear. Colour-sprayed. Natural Colour.  Traction : Sign Clear. Colour-sprayed. Train Lighting. Tubular. Candle. Gothic. Illumination
	GASFILLED.	Regular { Pearl. Clear. Colour-sprayed. Opal. Natural Colour.  Daylight. Train Lighting. Projector. Neon.
	CARBON.	Regular.
II.	VACUUM.	Bus and Battery. Handlamp. Indicator. Dome Light. Tubular. Festoon.
	GASFILLED.	Headlight, Side, Tail & Dash.
V.	VACUUM.	Miners'.
VI.	VACUUM.	Christmas Tree Lamps.

**MADE IN ENGLAND FROM BRITISH MATERIALS**

**Delivery  
Condition  
and  
Lamp  
Classifi-  
cations**

**Extra  
Charges**

**Pearl  
Mazda  
Gasfilled  
and  
Vacuum  
Clear**

**Type "O"  
(Opal),  
"Longlite"  
(Opal),  
Traction  
and Train**

**Sign,  
Neon  
and  
Candle  
Tubular  
and  
Carbon**

**Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour**

**Projector**

**Bus and  
Battery,  
Illumina-  
tion  
and Sign**

**Motor  
Car  
Bulbs**

**Motor Car  
amp Case  
and  
Cabinet**

**Flashlight,  
Miners  
and  
Decoration**

**Lamp  
Caps,  
Lamp  
Buzzer**

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## EXTRA CHARGES

### GROUP I

Variation.	Extra.		
	Vacuum	Gasfilled	Carbon
(1) Colouring : For superficial colouring, or varnishing other than spray- ing .. .. .	10%	10%	—
(2) Silvering .. . . .	Prices on application.		
(3) Caps : (a) For S.B.C., S.E.S., S.C.C., in place of B.C., E.S., C.C., except for Sign Lamps ..	2d. each.	2d. each.	2d. each.
(b) Do. Do. Sign Lamps .. <i>Applicable up to and includ- ing 40 watts Metal Filament or 32 c.p. Carbon.</i>	1d. each.	1d. each.	—
(c) For G.E.S., in place of E.S., B.C., or vice versa .. . .	—	1/- each.	—

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**WITH THE WONDERFUL  
NON-SAG FILAMENT**

## EXTRA CHARGES

### GROUP II

Variation.	Extra.	
	B.A.S. Rating.	Non- B.A.S. Rating.
(1) Frosting :		
For Outside Frosting . . . . .	5%	5%
(2) Colouring :		
For superficial colouring or var- nishing other than spraying . .	10%	10%
(3) Caps, where not already specified in price tabulations :		
(a) For 3 pin (B.C.) centre and double contact . . . . .	1½d. each	1½d. each.
(b) For Bosch Caps . . . . .	4d. each.	4d. each.
(c) M.E.S. Cap (to be fitted only to 15 m/m and 19 m/m bulbs) . .	2d. each.	No extra.

Extra  
Charges

Pearl  
Mazda  
Gasfilled  
and  
Vacuum  
Clear

Type "O"  
(Opal),  
"Longlite"  
(Opal),  
Traction  
and Train

Sign,  
Neon  
and  
Candle  
Tubular  
and  
Carbon

Daylight  
and Gothic,  
Colour  
Sprayed  
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Colour

Projector

Bus and  
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tion  
and Sign

Motor  
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Flashlight,  
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Lamp  
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# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

### PEARL MAZDA

(GROUP I)



THE modern electric lamp is the product of 40 years of un-remitting experiment and research. The results of this scientific labour, as exemplified in the present day Pearl Mazda Lamp, are amazing and have entirely revolutionized electric lighting methods.

Pearl Mazda Lamps, which are frosted on the inside of the bulb, are better than either clear lamps or other types of obscured lamps because they possess the advantages of both, without the disadvantages of either.

The inside frosting diffuses the light and prevents glare, while the amount of light absorbed by the frosting is practically negligible—it is, in fact, only about  $1\frac{1}{2}$  per cent. As the outside surfaces of the bulbs are smooth glass, they are as easy to clean as clear lamps.



*Illustrations approximately  
half full size*



MADE IN ENGLAND

TERIALS

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## PEARL MAZDA (GROUP I)

Pearl Mazda Lamps are now standardized in a range of six sizes—15, 25, 40, 60, 75 and 100 watts, which covers every household requirement from the lighting of reception rooms to the lighting of staircases and passages.

### PEARL MAZDA PRICES

Watts	Voltages						
	25 & 30	35, 40, 45, 50, 55	60, 65, 70, 75, 80, 85	100, 120, 210,	105, 125, 220,	110, 130, 230,	115, 200, 240, 250, 260
15	s. 2	d. 1	2	s. 6	d. 2	10	2 / 0
<b>25</b>	2	6	2	6	2	6	<b>1'9</b>
<b>40</b>	2	6	2	6	2	6	
<b>60</b>	3	0	3	0	3	0	
75	—	—	—	—	—	—	2 / 6
100	—	5	3	5	3	—	2 / 6

Caps and Dimensions are the same as those of clear lamps of corresponding sizes



Pearl Mazda  
Gasfilled and  
Vacuum  
Clear

Type "O"  
(Opal),  
"Longlife"  
(Opal),  
Traction  
and Train

Sign,  
Neon  
and  
Candle  
Tubular  
and  
Carbon

Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour

Projector

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
amp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer



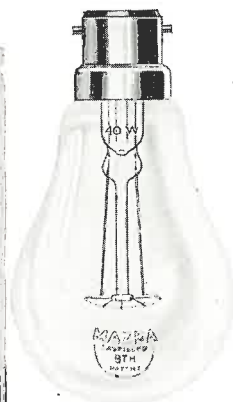
BRITISH MATERIALS



# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

### GASFILLED CLEAR (GROUP I)



40 w.  
Gasfilled  
Clear

**M**AZDA Gasfilled Lamps were the first of their kind to be placed on the market, and users of gasfilled lamps are advised to see that the bulbs of such lamps bear the words "Mazda Gasfilled," which are a guarantee of satisfactory service. The bulb of a Mazda Gasfilled Lamp is filled with an inert gas which permits the filament to be operated at a higher temperature, and consequently at a higher efficiency, than is possible with a vacuum lamp.



60 w.  
Gasfilled  
Clear

*Illustrations approximately half full size*

Watts	Approx. Dimns.		Light Centre Length m/m	Voltages							
	Diam. m/m	Length m/m		25 & 30	35, 40, 45, 50, 55	60, 65, 70, 75, 80, 85	100, 105, 110, 115, 120, 125, 130	150	200, 210, 220, 230, 240, 250, 260		
				s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
25	60	100	70	2 6	2 9	2 9	1 11	—	—		
40	60	110	80	2 9	2 9	2 9	1 11	2 4	1 11		
60	65	117.5	85	3 3	3 3	3 3	1 11	2 4	1 11		
100	75	137.5	100	—	5 6	5 6	3 0	4 0	3 0		
150	80	160	120	—	7 9	9 0	5 0	6 3	5 0		
200	90	178	133	—	9 6	12 3	7 6	8 9	7 6		
300	110	233	178	—	12 3	15 6	10 0	11 6	10 0		
500	130	267	202	—	15 6	19 6	12 6	14 0	12 6		
1000	150	300	225	—	—	—	16 0	19 0	16 0		
1500	170	335	250	—	—	—	22 6	26 3	22 6		

Cap regularly supplied :—25, 40, 60, 100, 150 watts B.C. 200 watts E.S.  
300, 500, 1,000, 1,500 watts G.E.S.

**MADE IN ENGLAND FROM BRITISH MATERIALS**

# MAZDA LAMPS

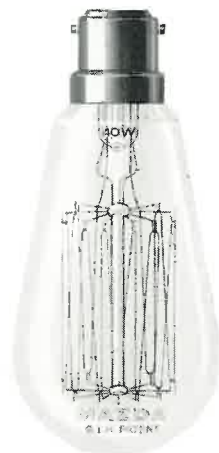
## WITH THE WONDERFUL NON-SAG FILAMENT

### VACUUM CLEAR (GROUP I)

**M**AZDA Vacuum Lamps were the first lamps to be manufactured with drawn tungsten wire filaments. The Mazda drawn wire process, giving a continuous filament with a tensile strength greater than that of the strongest steel wire, is absolutely essential to the production of durable and efficient electric lamps, whether vacuum or gasfilled. All modern incandescent electric lamps have filaments of drawn tungsten wire produced in accordance with the original Mazda patents.



15 w.  
Vacuum  
Clear



40 w.  
Vacuum  
Clear

Gasfilled  
and  
Vacuum  
Clear

Type "O"  
(Opal),  
"Longlife"  
(Opal),  
Traction  
and Train

Sign,  
Neon  
and  
Candle  
Tubular  
and  
Carbon

Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour

*Illustrations approximately half full size*

Watts	Approx. Dimens.		Light Centre Length m/m	†Cap regularly supplied	Voltages			
	Diam. m/m	Length m/m			60, 65, 70, 75, 80, 85	100, 105, 110, 115, 120, 125, 130	150	200, 210, 220, 230, 240, 250, 260
15	55	92.5	65	} B.C. {	s. d. 2 6	s. d. 2 0	s. d. 2 6	s. d. 2 0
25	60	100	70		—	1 11	2 4	1 11
40	58	123	85		—	1 11	2 4	1 11

Projector

Bus and  
Battery,  
Illumina-  
tion and  
Sign

Motor  
Car  
Bulbs

Motor Car  
lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

†These lamps can be fitted with C.C. or E.S. Caps where desired without extra charge.

MADE IN ENGLAND FROM BRITISH MATERIALS

Lamp  
Caps,  
Lamp  
Buzzer

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## TYPE "O" (OPAL)

(GROUP I)  
GASFILLED

Watts.	Approx. Dimens.		Voltages							
	Diam. m/m	Length m/m	25 30	35, 40 45, 50 55	60, 65 70, 75 80, 85	100, 105, 110 115, 120, 125 130	150	200, 210, 220 230, 240, 250 260		
			s. d.	s. d.	s. d.	s. d.	s. d.	s. d.		
15	55	92.5	2 4	2 10	—	—	—	—		
25	60	100	2 10	2 10	2 10	2 0	—	—		
40	60	110	2 10	2 10	2 10	2 0	2 7	2 0		
60	65	117.5	3 6	3 6	3 6	2 0	2 7	2 0		
75	70	125	—	—	—	3 1	—	3 1		
100	75	137.5	—	6 0	6 0	3 2	4 6	3 2		
150	90	178	—	8 9	10 0	5 9	7 0	5 9		
200	110	235	—	10 8	13 9	8 6	9 10	8 6		
300	130	267	—	13 9	17 6	11 3	12 11	11 3		
500	170	335	—	17 6	22 0	14 0	15 9	14 0		

Caps as for clear lamps of corresponding sizes.

## "LONGLITE" (OPAL)

(GROUP I)  
VACUUM

The filament of the MAZDA "Longlite" Lamp extends practically the whole length of the lamp. When switched on the "Longlite" gives a delightfully mellow illumination, which is entirely free from glare.

Used in fittings of the modern art style, Mazda "Longlite" Lamps provide a most unusual effect of great charm.

Illustration approximately one-third full size



Type "O" Lamp  
Illustration approximately  
half full size



"Longlite"  
Lamp

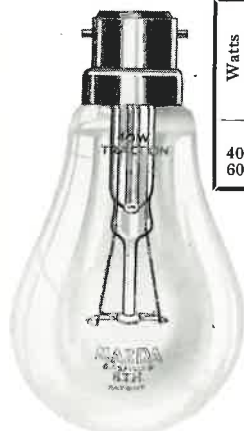
Watts	Approx. Dimens.		Cap regularly supplied	Voltages	
	Length Overall	Diam.		100, 105, 110, 115, 120, 125 130	200, 210, 220, 230, 240, 250 260
40	in.	in.	B.C. or E.S.	s. d.	s. d.
60	12	1 3/8		6 0	6 0
				6 0	6 0

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA WITH THE WONDERFUL NON-SAG FILAMENT LAMPS

## TRACTION (Series Burning)

### (GROUP I) GASFILLED



Gasfilled  
Traction

Watts	Amps.	Approx. Dimens.		Voltages			
		Diam.	Length	100, 110, 120, 130			
				Pearl	Clear	Opal	Sprayed
40	0.35	60	110	s. d. 1 11	s. d. 2 0	s. d. 2 2	s. d. 2 1
60	0.52	65	117.5	1 11	2 0	2 2	2 1

### VACUUM

Watts	Amps.	Approx. Dimens.		Voltages	
		Diam.	Length	100, 110 120, 130	
30	0.27	53.5	110	s. d. 2 0	d. 0*
40	0.35	53.5	110	2 0	2 0*

\* Clear or Pearl.  
Caps regularly supplied—B.C. or E.S.

NOTE.—The Vacuum Traction Lamp is also made with spiral filament, the dimensions being 60 m/m diam., 110 m/m length.



Vacuum  
Traction

## TRAIN LIGHTING

### (GROUP I)

Watts	Approx. Dimens.		Cap regularly supplied	Voltages			
	Diam. m/m	Length m/m		16, 22, 24, 25			
				GASFILLED			VACUUM
				Clear or Pearl	Sprayed	Opal	Clear
15	52	76	B.C. or S.B.C.	s. d.	s. d.	s. d.	s. d.
20	52	76		2 1	2 3	2 4	2 0
30	52	76		2 1	2 3	2 4	2 0
				2 6	2 9	2 10	—

Other voltages between 16 and 25 volts 5% extra.

Left—Vacuum Train

Right—Gasfilled Train

Illustrations approximately  
half full size



Type "O"  
(Opal),  
"Longlite"  
(Opal),  
Traction  
and Train  
Sign,  
Neon  
and  
Candle  
Tubular  
and  
Carbon

Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour

Projector

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
amp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

MADE IN ENGLAND FROM BRITISH MATERIALS



# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

### S I G N

(GROUP I)

VACUUM

Watts	Approx. Dimens.		Cap regularly supplied	Voltages							
	Diam.	Length		25 & 30	50	60, 65 70, 75 80, 85	100, 105, 110 115, 120, 125 130	150	200, 210, 220 230, 240, 250 260		
STANDARD BULB											
			{ B.C. E.S. or C.C.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
10	44	89		2 0	2 6	2 6	2 0	—	—		
15*	44	89		2 0	2 6	2 6	2 0	2 6	2 0		
20	44	89		2 0	2 6	2 6	2 0	2 6	2 2		
SMALL BULB											
			{ B.C. E.S. or S.E.S.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.		
15	28	53		2 0	2 6	2 6	2 0	2 6	2 0		

Sign lamps can be supplied with daylight glass or colour-sprayed bulbs; prices on application. Natural coloured bulbs: 100/130, 200/260 volts only, Green, Blue or Amber, 7d. each extra. Red, Ruby or other tints, 10d. each extra.  
\* Can be supplied instead in all Standard Colours without extra charge.



Standard Sign



Small Sign



Neon  
Indicator

Illustrations approximately half  
full size



Neon Light  
Indicator

### NEON (GROUP I)

MAZDA Neon Lamps can be used on either alternating or direct current, and are eminently suitable for the continuous and subdued illumination of corridors, halls, nurseries, sickrooms, etc.

### NIGHT LIGHT

Watts	Approx. Dimens.		Cap regularly supplied	Voltages	
	Diam. m/m	Length m/m		200/220 230/240 250/260	s. d.
5	55	92.5	B.C.	3 1	

### INDICATOR

Volts	Cap regularly supplied	Price
100-130 200-220 230-240 250-260	{ S.B.C. or S.E.S. }	s. d. 3 0

E.S. or B.C. Caps 6d. each extra

MADE IN ENGLAND FROM BRITISH MATERIALS



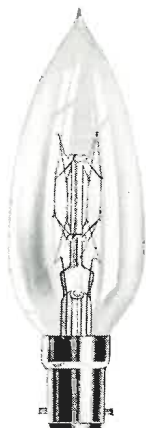
# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

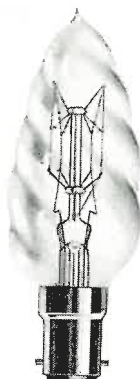
### CANDLE (GROUP I) VACUUM

PLAIN										
Watts	Type.	Approx. Dimens.		Cap regularly supplied	Voltages					
		Diam. m/m	Length m/m		25 30	50	60, 65 70, 75 80, 85	100, 105 110, 115 120, 125 130	150	200, 210 220, 230 240, 250 260
25	Clear. Colour- sprayed.	36	120	S.B.C.	s. d. 3 0	s. d. 3 6	s. d. 4 0	s. d. 3 0	s. d. 4 0	s. d. 3 0
					3 4	3 11	4 5	3 4	4 5	3 4
40	Clear. Colour- sprayed.	46	124		—	4 3	4 6	3 6	4 6	3 6
					—	4 9	5 0	3 11	5 0	3 11
TWISTED										
25	Clear. Colour- sprayed.	36	110	S.B.C.	—	—	—	3 6	4 6	3 6
					—	—	—	3 11	5 0	3 11
40	Clear. Colour- sprayed.	46	124		—	—	5 0	4 0	5 0	4 0
					—	—	5 6	4 5	5 6	4 5

C.C., E.S. or S.C.C. caps 3d. each extra.  
Colour-sprayed Candle Lamps are in the following colours, Blue, Yellow, Orange-Amber,  
Red, Flame, Green, Ivory and White.



Candle  
Plain



Candle  
Twisted

Illustrations approximately half full size

Sign,  
Neon  
and  
Candle  
Tubular  
and  
Carbon

Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour

Projector

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
amp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## TUBULAR LAMPS (GROUP I) SINGLE ENDED—VACUUM

Watts	Approx. Dimensions		Cap regularly supplied	Voltages					
	Diam. m/m	Length m/m		50	60, 65, 70, 75, 80, 85	100, 105, 110, 115, 120, 125, 130	150	200, 210, 220, 230, 240, 250, 260	
Clear									
25	26	98	{ B.C.S.B.C. and S.E.S. E.S. and B.C.	s. d.	s. d.	s. d.	s. d.	s. d.	
40	25	305		3 6	4 0	3 0	4 6	3 0	
Colour Sprayed									
25	26	98	{ B.C.S.B.C. and S.E.S. E.S. and B.C.	4 0	4 7	3 6	5 2	3 6	
40	38	302		—	—	6 6	—	6 6	
60				—	—	6 6	—	6 6	

S.C.C., E.S., and C.C. Caps, for 25 Watts only, 3d. each extra.



Single Ended  
Tubular

## "MAZDALITE" DOUBLE ENDED—VACUUM

Watts	Approx. Dimensions		Cap regularly supplied	Voltages			
	Diam. m/m	Length m/m		100, 105, 110, 115, 120, 125, 130	200, 210, 220, 230, 240, 250, 260		
30	26	221 or 284	{ C.C. }	Clear	Colour Sprayed	Clear	Colour Sprayed
				s. d.	s. d.	s. d.	s. d.
60	26	284	{ C.C. }	4 0	4 9	4 0	4 9
100	46	308		4 9*	5 9	4 9*	5 9
				7 6	9 0	7 6	9 0

\* Can be supplied in Daylight Blue at 6/- each.

"Clip Contact" Caps, 3d. each extra for  
Double Ended Tubular Lamps.



"Mazdalite"

Double Ended Tubular

Illustrations approximately half full size

MADE IN ENGLAND FROM BRITISH MATERIALS

### B.T.H. CARBON

(GROUP I)

The B.T.H. Carbon Lamp occupies a premier position among carbon lamps and is the recognised standard of quality. It is made with the greatest care, of finest materials, and by highly skilled labour, and is subjected to the most rigid tests before finally being put on the market. Thus superior service is assured to the user by its adoption.

B.T.H. Carbon Lamps are manufactured in accordance with the Specification of the British Engineering Standards Association.

Size of Lamp in British C.P.	Approx. Dimens.		100, 105, 110, 115 120, 125, 130 V.		200, 210, 220, 230 240, 250, 260 V.	
	L'gth m/m	Dia. m/m	Max. Total Watts	Price	Max. Total Watts	Price
8	114	60	35.0	s. d. 1 6	37.0	s. d. 1 6
16	114	60	67.0	1 6	74.0	1 6
32	125	65	127.0	1 9	153.0	1 9

Cap regularly supplied B.C.



16 c.p.

Illustration approximately half full size.

MADE IN ENGLAND FROM BRITISH MATERIALS

Tubular  
and  
Carbon

Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour

Projector

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
Lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

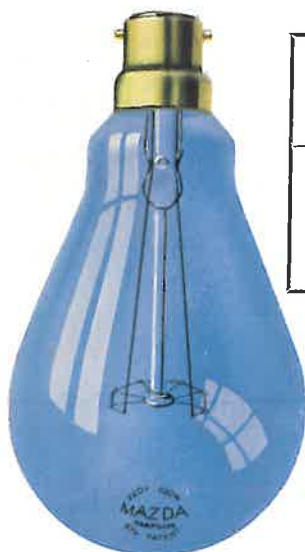
# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

### DAYLIGHT

(GROUP I)

GASFILLED



Watts	Voltages			
	100, 105, 110, 115, 120, 125, 130	200, 210, 220, 230, 240, 250, 260		
	s. d.	s. d.		
40	2 5	2 5		
60	2 5	2 5		
100	4 0	4 0		
150	6 9	6 9		
300	12 9	12 9		

*Caps and dimensions are the same as those of clear lamps of corresponding sizes*

### GOTHIC

(GROUP I)

VACUUM

Flame and Parchment Sprayed



Watts	Cap regularly supplied	Voltages			
		100, 105, 110, 115, 120, 125, 130	200, 210, 220, 230, 240, 250, 260		
		s. d.	s. d.		
25	B.C.	4 6	4 6		

*S.B.C., S.E.S. or E.S. Caps can be supplied 2d. each extra*

*Illustrations approximate*

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

### NATURAL COLOUR (GROUP I)

		Colours : GREEN, BLUE, AMBER		Colours : RED, RUBY and OTHER TINTS	
Watts		Voltages			
		100, 200,	105, 210,	110, 220,	115, 120, 230, 240, 125, 250, 130, 260
		VACUUM			
		s.	d.	s.	d.
25		2	6	2	9
40		2	6	2	9
		GASFILLED			
		2	6*	2	9*
25*		2	6	2	9
40		2	6	2	9
60		2	6	2	9
100		4	0	4	6



\*25 watt Gasfilled lamp supplied only in 100/130 volts

### COLOUR SPRAYED (GROUP I)

Supplied in the following standard colours : Blue, Yellow, Orange-Amber, Green, Red, Flame, Ivory and White

Watts	Voltages			
	25 & 30	100, 105, 110, 115 120, 125, 130	200, 210, 220, 230, 240, 250, 260	
25 40	VACUUM			
	s.	d.	s.	d.
	—	—	2	1
15 25 40 60 75 100 150 200 300* 500*	GASFILLED			
	s.	d.	s.	d.
	2	3	2	—
	2	9	2	0
	—	—	2	0
	—	—	2	0
	—	—	3	3
	—	—	3	2
	—	—	5	9
	—	—	8	4
	—	—	11	2
	—	—	13	9

\*White Sprayed only.

Caps and dimensions are the same as those of clear lamps of corresponding sizes half full size

MADE IN ENGLAND FROM BRITISH MATERIALS



Daylight  
and Gothic,  
Colour  
Sprayed  
Natural  
Colour

Projector

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## PROJECTOR LAMPS

(GROUP I)

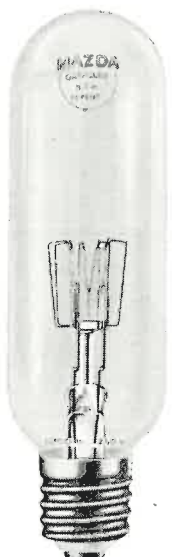
### CLASS A1—TUBULAR BULB—GASFILLED

For accurate projection work, in relation to OPTICAL LANTERNS, SPOTLIGHTS, PHOTOGRAPHIC ENLARGING, ETC., these lamps are eminently suitable. They should be burned vertically with the cap below. Any variation from this will impair the efficiency. For pre-focus caps an extra charge is made. Particulars of other sizes of 30 volt lamps on application.

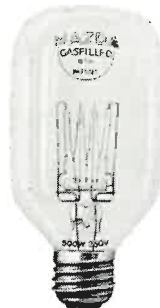
Rating		Standard Cap	Max. Diam. m/m	Max. Length m/m	Light Centre* m/m	Type of Filament	Service	Price each s. d.
Volts	Watts							
30	100	E.S.	32	140	75	Vert. Grid.	Home Cine-matograph	12 0
	250	E.S.	64	140	75	"		22 6
	200	E.S.	32	140	60	"		21 0
50	250	E.S.	32	140	75	"		22 6
	500†	E.S.	64	140	75	"		26 0
	100	E.S.	25	144	77	"		12 6
60	150	E.S.	32	140	75	"	Projection	17 6
	100	E.S.	32	140	75	"		10 9
	250	E.S.	64	140	75	"		20 0
100-110	500†	E.S.	64	140	75	"		25 0
	1000	G.E.S.	64	230	120	"		32 0
	115	E.S.	64	140	75	"		11 9
200-210	100	E.S.	32	140	75	"	"	21 0
	220-230	E.S.	64	140	75	"		25 0
	240-250	E.S.	64	140	75	"		25 0
260	500†	E.S.	64	140	75	"		32 0
	1000	G.E.S.	64	230	120	"		

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

† These lamps may be fitted with either E.S. or G.E.S. cap.



1000 w. 250 v.



500 w. 250 v.



250 w. 110 v.  
Pre-focus Cap

Illustrations  
approximately  
one third full size

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

### PROJECTOR LAMPS

(GROUP I)

#### CLASS A2—ROUND BULB—GASFILLED

These lamps are suitable for STAGE LIMES, SPOTLIGHTS, ETC., and should be burned vertically with cap below. Slight variations in the burning angle do not affect the life.

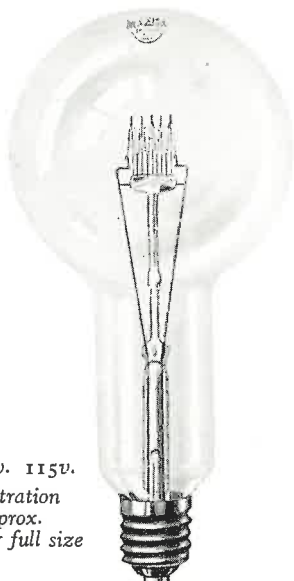
Rating		Standard Cap	Max. Diam. m/m	Max. Length m/m	Light Centre* m/m	Type of Filament	Price each	
Volts	Watts						s.	d.
100-110	100	E.S.	70	115	80	Vert. Grid	10	9
	250	E.S.	90	160	115	"	20	0
	500	G.E.S.	120	250	190	"	28	6
	1000	G.E.S.	150	300	225	"	39	0
	1500	G.E.S.	170	335	250	"	52	6
115	3000	G.E.S.	240	395	275	"	105	0
	100	E.S.	70	115	80	"	10	9
	250	E.S.	90	160	115	"	21	0
	500	G.E.S.	120	250	190	"	30	0
	1000	G.E.S.	150	300	225	"	40	0
200, 210, 220, 230, 240, 250, 260	1500	G.E.S.	170	335	250	"	55	0
	3000	G.E.S.	240	395	275	"	115	0

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



3000W. 115V.

Illustration  
approx.  
fifth full size



1500W. 115V.

Illustration  
approx.  
quarter full size

#### Projector

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzers

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## PROJECTOR LAMPS

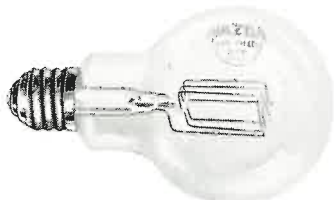
(GROUP I)

### CLASS A3—ROUND BULB—GASFILLED

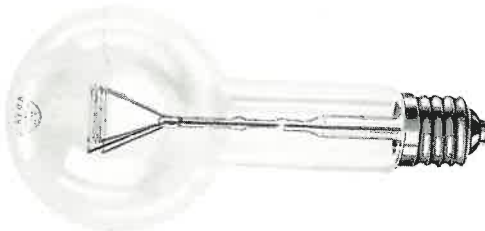
These lamps are designed for horizontal burning and are suitable for SPOTLIGHTS, STAGE LIMES, MEDICAL EXAMINATION TUBES, ADVERTISING PROJECTORS, ETC.

Rating		Standard Cap	Max. Diam. m/m	Max. Length m/m	Light Centre* m/m.	Type of Filament	Price each s. d.
Volts	Watts						
30	100	E.S.	70	115	95	Horizontal Grid	10 9
50	250	E.S.	90	160	120		20 0
100, 110, 115	100	E.S.	70	115	95		10 9
	250	E.S.	90	160	120		20 0
	500	G.E.S.	120	250	205		28 6
	1000	G.E.S.	150	300	240		39 0
	1500	G.E.S.	170	335	270		52 6
200, 210, 220, 230, 240, 250, 260	100	E.S.	70	115	95		10 9
	250	E.S.	90	160	120		21 0
	500	G.E.S.	120	250	205		30 0
	1000	G.E.S.	150	300	240		42 0
	1500	G.E.S.	170	335	270		57 6

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



100 W. 200 V.



1000 W. 200 V.

Top illustration approx. third full size. Bottom quarter full size

MADE IN ENGLAND FROM BRITISH MATERIALS



# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

### PROJECTOR LAMPS

(GROUP I)

#### CLASS B—ROUND BULB—GASFILLED

The 100 watt and 250 watt lamps in this class are eminently suitable for SPOTLIGHTS. The 500 and 1,000 watt lamps are mainly intended for FLOOD-LIGHT service. They may be used at any angle except within 45° of vertical (cap upwards).

Rating		Standard Cap	Max. Diam. m/m	Max. Length m/m	Light Centre* m/m	Type of Filament	Service	Price each s. d.
Volts	Watts							
100, 105	100	E.S.	80	130	75	Bunch	Spotlight	9 0
110, 115	250	E.S.	95	135	75	"	{ Spotlight & Floodlight }	19 0
120, 125	500	G.E.S.	130	190	115	"	Floodlight	25 0
130	1000	G.E.S.	130	190	115	"	"	32 0
200, 210	100	E.S.	80	130	75	"	Spotlight	9 0
220, 230	250	E.S.	95	135	75	"	{ Spotlight & Floodlight }	19 0
240, 250	500	G.E.S.	130	190	115	"	Floodlight	25 0
260	1000	G.E.S.	130	190	115	"	"	32 0

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



1000 w. 230 v. Pre-focus cap.



100 w. 200 v.

Illustrations approx. half full size

MADE IN ENGLAND FROM BRITISH MATERIALS

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## PROJECTOR LAMPS

(GROUP 1)

### CLASS F—BELOW 20 VOLTS—GASFILLED

These lamps are designed for the smaller forms of home cinemas, for delicate surgical and ophthalmic work. They are intended primarily for use with batteries.

Rating		Standard Cap	Max. Diam. m/m	Max. Length m/m	Light Centre* m/m	Type of Bulb	Type of Filament	Price each s. d.
Volts	Watts							
4	8	S.E.S.	35	62	52	Round	Horizontal Helix	3 9
6	24	E.S.	35	60	50	"	"	4 3
12	24	S.B.C.	35	55	45	"	Helix	3 9
12	48	E.S.	50	80	40	"	Twin Pillar	3 9
12	100	E.S.	38	140	75	Tubular	"	10 9
12	300	E.S.	64	134	75	"	"	32 6

STUDIO SPOTLIGHTS. Prices and particulars on application



48 w. 12 v.

Illustrations approx. quarter full size



100 w. 12 v.

## EXCITER LAMPS for Sound Reproduction

Rating			Cap	Dimensions		Price each s. d.
Volts	Watts	Amps.		Diam. m/m	Overall Length m/m	
8	32	4	A.S.C.C.	25	75	5 6
8½	34	4	A.S.C.C.	25	75	6 0
10	50	5	A.S.C.C.	25	75	7 6
10	75	7.5	A.S.C.C.	25	75	7 6



Approx. quarter full size

MADE IN ENGLAND FROM BRITISH MATERIALS



# WITH THE WONDERFUL NON-SAG FILAMENT

## BUS & BATTERY (GROUP II)

Volts	Watts	Amps	Cap regularly supplied	Approx. Dimens.		Prices		
				Diam. m/m	Length m/m	Clear	Pearl	Type 'O' (Opal)
INTERIOR LAMPS—GASFILLED								
12	10	0.85	{ B.C. or S.B.C.	40 or 50	55	s. d. 2 6	s. d. 2 6	s. d. 2 10
12	12	1.0				2 3	2 3	2 6
14	14	1.0				2 6	2 6	2 9
INTERIOR LAMP—VACUUM								
12	12	1.0	{ B.C. or S.B.C.	50 or 40	55	1 9	—	—
REAR, WING & DESTINATION BOARD LAMP—VACUUM								
12	6	0.5	{ B.C. or S.B.C.	26	40	1 8	—	—

For headlights see standard headlight bulbs as specified for British Cars  
—page 26.



Vacuum  
Bus & Battery



Gasfilled  
Bus & Battery

Illustrations approx. half full size.

## ILLUMINATION & SIGN SERIES BURNING—VACUUM (GROUP I)

Volts	Watts	Approx. Dimens.		Cap regularly supplied	Price each.		
		Diam. m/m	Length m/m		Clear	White or sprayed	Natural Coloured Glass
14	7	26	40	{ S.E.S. or S.B.C.	s. d. 1 3	s. d. 1 5	s. d. 1 8
14	7	52	66				

Bus and  
Battery,  
Illumina-  
tion  
and Sign

Motor  
Car  
Bulbs

Motor Car  
Lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration



Illumination  
Lamp

Lamp  
Caps,  
Lamp  
Buzzer

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA WITH THE WONDERFUL NON-SAG FILAMENT

## MOTOR CAR BULBS (GROUP II) for BRITISH Cars HEADLIGHTS

Volts	Watts	Cap regularly supplied	Approx. Dimens.			Price each			
			Length m/m	Diam. m/m	**Light Centre Length m/m	Clear s. d.	Daylight Blue s. d.		
SINGLE FILAMENT									
4	{	6	} S.B.C. or S.C.C.	58	40	28	2 9	3 6	
				58	40	28	2 9	3 6	
6	{	4.5 6 *12 *18 *24 30		55	40	28	2 9	3 6	
				58	40	28	2 9	3 6	
				58	40	28	2 6	3 2	
				58	40	28	2 3	2 10	
				58	40	28	2 6	3 2	
				58	40	28	4 0	5 0	
6.75	24	} Bosch or S.B.C.	55	40	28	2 10	3 7		
8	16		} S.B.C. or S.C.C.	58	40	28	3 6	4 4	
12	{	12 *24 *36		58	40	28	3 0	3 9	
				58	40	28	2 3	2 10	
				58	40	28	2 6	3 2	
13.5	36	} Bosch or S.B.C.	55	40	28	2 10	3 7		
DOUBLE FILAMENT									
6	{	3 & 12 3 & 18	} S.B.C.	55	40	28	3 6	4 4	
				55	40	28	3 6	4 4	
12	{	6 & 24 6 & 36		55	40	28	3 6	4 4	
				55	40	28	3 6	4 4	
DOUBLE FILAMENT—REFLECTOR TYPE††									
6	{	12 & 12 18 & 18 24 & 18		} Bosch or S.B.C.	72	42	—	4 3	5 4
					72	42	—	4 3	5 4
					72	42	—	4 3	5 4
6.75	24 & 18	} Bosch or S.B.C.	72	42	—	4 6	5 8		
12	{		24 & 24 36 & 24	72	42	—	4 3	5 4	
		72		42	—	4 3	5 4		
13.5	{	24 & 24 36 & 24	} Bosch	72	42	—	4 9	6 0	
				72	42	—	4 6	5 8	
DOUBLE FILAMENT WITH DEPRESSABLE BEAM—"12 O'CLOCK" TYPE									
4	12 & 12	} S.B.C.	55	40	28	4 0	5 0		
6	{		18 & 18 24 & 24	55	40	28	3 9	4 8	
				55	40	28	3 6	4 4	
12	{		24 & 24 36 & 36	55	40	28	4 3	5 4	
				55	40	28	5 0	6 3	

\* Can be supplied with Bosch, Fiat, or 3-pin cap and "V" shaped filament at 25% extra.  
† In special corrugated anti-dazzle bulbs. †† With clear or satin etched bulbs.

\*\* From pin of cap to centre of filament.

Prices printed in red denote B.A.S. Type Lamps.

12 o'clock type

Single Filament  
Headlight

Illustrations approximately half full size



MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS

## WITH THE WONDERFUL NON-SAG FILAMENT

### MOTOR CAR BULBS (GROUP II)

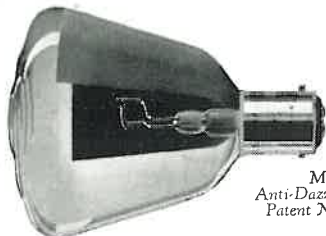
#### for BRITISH Cars

#### MAZDA "LUND" ANTI-DAZZLE HEADLIGHT

Volts	Watts	Cap. regularly supplied	Approx. Dimens.		Price ea. s. d.
			Length m/m	Diam. m/m	
6	18	S.B.C. or S.C.C.	70	52	4 0
	24				4 0
	30				5 6
12	18				4 0
	24				4 0
	36				4 8

This bulb has a special form of filament, which, in conjunction with an opaque coating, cuts off the upper rays of light, without reducing the intensity of the lower portion of the beam.

This Lamp complies with the Draft Regulations of the Ministry of Transport.



Mazda  
Anti-Dazzle Headlight  
Patent No. 352063

Volts	Watts	Cap regularly supplied	Approx. Dimens.		Price ea.
			Length m/m	Diam. m/m	s. d.
SIDE, TAIL and DASH LIGHTS					
2	2	S.B.C. or S.C.C.	35	19	1 8
2.4	1.2		M.E.S.	—	19
	1.92	—		19	1 8
3	2	S.B.C. or S.C.C.	35	19	1 8
4	3		35	19	1 8
6	3	35	19	1 3	
	6		40	23	1 3
8	4	35	19	1 8	
12	4	35	19	1 8	
	6		40	23	1 3
INDICATOR (STEERING PILLAR) LIGHT					
4	2	M.E.S.	30	16	1 10
6	3		30	16	1 8
8	1.6		30	16	1 8
12	2.4		30	16	1 8
16	3		30	16	1 8
FESTOON					
6	6	—	45	17	2 6
12	6	—	45	17	2 6
TUBULAR					
12	6	S.B.C. or S.C.C.	55	19	2 9
DOME LIGHT					
6	6	S.B.C. or S.C.C.	—	28	2 6
12	9			28	2 9

Prices printed in red denote B.A.S. Type Lamps.



Festoon

Illustrations approx. half full size



Steering  
Pillar



Side, Tail  
and Dash



Tubular

Motor  
Car  
Bulbs

Motor Car  
lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## MOTOR CAR BULBS

(GROUP II)

for AMERICAN Cars



Double Filament  
Anti-Dazzle  
Headlight  
A.S.B.C. Cap



Double Filament  
Reflector Type  
Headlight  
Bosch Cap

Volts	Watts	Cap regularly supplied	Approx. Dimensions		Price each s. d.
			Length m/m	Diameter m/m	
SINGLE FILAMENT HEADLIGHTS					
4	{ 6 8	{ A.S.B.C. or A.S.C.C.	58	40	2 9
			58	40	2 9
6	55		40	2 9	
	58		40	2 9	
	58		40	2 7	
	58		40	2 4	
	58	40	2 6		
6.75	24	Bosch or A.S.B.C.	58	40	4 0
8	16		55	40	2 10
12	{ 12 24 36	{ A.S.B.C. or A.S.C.C.	58	40	3 6
			58	40	3 0
			58	40	2 4
13.5	36	Bosch or A.S.B.C.	58	40	2 7
			55	40	2 10
DOUBLE FILAMENT HEADLIGHTS					
6	{ 3 & 12 3 & 18	{ A.S.B.C.	55	40	3 6
12	{ 6 & 24 6 & 36		55	40	3 6
			55	40	3 6
			55	40	3 6
DOUBLE FILAMENT—REFLECTOR TYPE—HEADLIGHTS††					
6	{ 12 & 12 18 & 18 24 & 18	{ Bosch or A.S.B.C.	72	42	4 3
6.75	{ 24 & 18		72	42	4 3
		72	42	4 3	
12	{ 24 & 24 36 & 24	{ Bosch or A.S.B.C.	72	42	4 6
			72	42	4 3
			72	42	4 3
13.5	{ 24 & 24 36 & 24	{ Bosch	72	42	4 9
			72	42	4 6
DOUBLE FILAMENT WITH DEPRESSABLE BEAM					
†6	{ 18 & 18 24 & 24	{ A.S.B.C.	55	40	3 9
			55	40	3 6
SIDE, TAIL AND DASH LIGHTS					
2	2	{ A.S.B.C. or A.S.C.C.	38	19	1 8
2.4	{ 1.2 1.92	{ M.E.S.	—	19	1 8
			—	19	1 8
3	2	{ A.S.B.C. or A.S.C.C.	38	19	1 8
4	3		38	19	1 8
6	3		38	19	1 4
8	{ 3 4		43	23	1 4
			38	19	1 8
12	{ 4 6	38	19	1 8	
		43	23	1 4	

NOTE: For particulars of Interior Lights see particulars on p. 27.

†† With clear or satin etched bulbs.

† In special corrugated anti-dazzle.

Illustrations approximately half full size

MADE IN ENGLAND FROM BRITISH MATERIALS



# WITH THE WONDERFUL NON-SAG FILAMENT

## MOTOR CAR BULBS

(GROUP II)

for FRENCH Cars

Volts	Watts	Cap regularly supplied	Approximate Dimensions		Price each s. d.
			Length m/m	Diameter m/m	
SINGLE FILAMENT HEADLIGHTS					
**6	24	3 Pin C.C.	57	40	2 7½
**12	36		57	40	2 7½
DOUBLE FILAMENT—REFLECTOR TYPE—HEADLIGHTS					
6	12 & 12	3 Pin B.C.	72	42	4 4½
	18 & 18		72	42	4 4½
	24 & 18		72	42	4 4½
6.75	24 & 18	Bosch	72	42	4 6
12	24 & 24	3 Pin B.C.	72	42	4 4½
	36 & 24		72	42	4 4½
13.5	24 & 24	Bosch	72	42	4 9
	36 & 24		72	42	4 6
SIDE, TAIL & DASH LIGHTS					
6	3	S.C.C.	35	19	1 3
	6		40	23	1 3
12	6		40	23	1 3
FESTOON LAMPS					
6	6	—	45	17	2 6
12	6		45	17	2 6
INDICATOR LAMPS					
6	3	M.E.S.	30	16	1 8
12	2.4		30	16	1 8

\*\* Can be supplied in Daylight Blue Glass. Prices on application.  
 \*\* With Clear or Satin Etched bulbs.

Prices printed in red denote B.A.S. Type Lamps.

for ITALIAN Cars

Volts	Watts	Cap regularly supplied	Approximate Dimen- sions		Price each s. d.
			Length m/m	Diameter m/m	
† SINGLE FILAMENT HEADLIGHT					
12	36	{ Hollow Tubular }	70	40	2 10
† SIDE & TAIL (TUBULAR LAMPS)					
12	6	Cartridge	55	23	3 1

† See also Lamps for German and Austrian Cars.

† See also Lamps for British Side, Tail and Dash (with S.C.C. Caps).

N.B.—The double filament reflector type headlights listed on pp. 26, 28, 29 and 30 are manufactured under Patent No. 210,105 and are marked LUCAS-GRAVES, B.T.H.



Gasfilled  
Headlight.  
3 Pin C.C. Cap



Headlight.  
Hollow Tubular  
Cap



Side & Tail.  
Tubular  
Cartridge Cap

Illustrations  
approximately half  
full size

Motor Car  
Lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

Lamp  
Caps,  
Lamp  
Buzzer

MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## MOTOR CAR BULBS (GROUP II) for GERMAN & AUSTRIAN Cars

Volts	Watts	Cap regularly supplied	Approx. Dimensions		Price each s. d.
			Length m/m	Diameter m/m	
† SINGLE FILAMENT HEADLIGHTS					
12	{ 24 36 }	Bosch	{ 65 65 }	40	2 7 2 10
DOUBLE FILAMENT—REFLECTOR TYPE—HEADLIGHTS††					
12	{ 24 & 24 36 & 24 }	Bosch	{ 72 72 }	42	4 3 4 3
‡ SIDE & TAIL (TUBULAR LAMPS)					
12	6	Bosch	60	23	3 1

† See also Lamps for Italian Cars.

†† With Clear or Satin Frosted Bulbs.

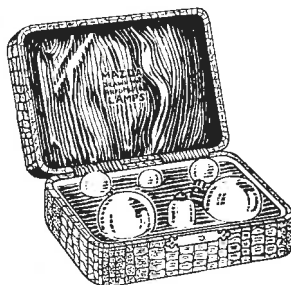
‡ See also Lamps for British Side, Tail and Dash (with S.C.C. Caps).

## CASES FOR MAZDA BULBS

Cases for complete sets of Mazda Bulbs for Motor Cars are supplied in two sizes as follows:—

(A) 6" × 5" × 2½" .. .. . 4/6 each

(B) 5¼" × 3¾" × 2" .. .. . 3/6 each



MADE IN ENGLAND FROM BRITISH MATERIALS

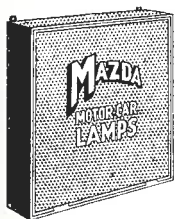




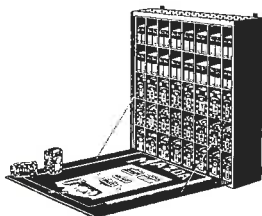
WITH THE WONDERFUL  
NON-SAG FILAMENT

## MOTOR LAMP CABINET

THIS Cabinet is designed to provide convenient storage for a comprehensive stock of Mazda Motor Car Lamps. It is divided into forty compartments of equal dimensions, each compartment being large enough to hold two head lamps or six side, tail or dash lamps in their cartons. The cartons should be placed upright so that the rating is visible from the front.



Each size, type and rating should occupy a separate compartment in order to avoid any possible confusion. Certain sizes which are in greater demand than others will need more than one compartment.



The table below represents a recommended stock of Mazda Motor Car Lamps of twenty-seven types and ratings. This stock will meet the needs of most dealers. In some districts, however, it may be necessary to vary the quantities indicated, or to include other ratings. Dimensions:  $22\frac{1}{2}$  in. high  $\times$   $21\frac{1}{2}$  in. wide  $\times$   $5\frac{1}{2}$  in. deep. Price 16s. 9d. each (not including lamps).

Quantity	Volts	Watts	Cap	B.A.S.	Price	
					Each	Total
MAZDA GASFILLED HEADLIGHTS						
2	4	6	S.B.C.	—	s. d. 2 9	s. d. 5 6
6	6	18	S.B.C.	B.A.S.2	2 3	13 6
2	6	18	S.C.C.	B.A.S.2	2 3	4 6
2	6	18	A.S.C.C.	—	2 4	4 8
4	6	24	S.C.C.	—	2 6	10 0
2	6	24	S.B.C.	—	2 6	5 0
2	6	24	A.S.C.C.	—	2 6	5 0
2	12	24	A.S.C.C.	—	2 4	4 8
9	12	24	S.B.C.	B.A.S.3	2 3	20 3
9	12	36	S.B.C.	B.A.S.4	2 6	22 6
2	6	*3 & 12	S.B.C.	—	3 6	7 0
2	12	*6 & 24	S.B.C.	—	3 6	7 0
2	6	†18 & 18	S.B.C.	—	3 9	7 6
MAZDA SIDE, TAIL AND DASH LIGHTS						
6	4	3	S.B.C.	—	1 8	10 0
6	4	3	S.C.C.	—	1 8	10 0
6	6	3	S.B.C.	B.A.S.8	1 3	7 6
6	6	3	S.C.C.	B.A.S.8	1 3	7 6
6	6	3	A.S.C.C.	—	1 4	8 0
12	6	6	S.B.C.	B.A.S.9	1 3	15 0
6	6	6	S.C.C.	B.A.S.9	1 3	7 6
6	6	6	A.S.C.C.	—	1 4	8 0
6	12	4	S.B.C.	—	1 8	10 0
6	12	4	S.C.C.	—	1 8	10 0
6	12	4	A.S.C.C.	—	1 8	10 0
12	12	6	S.B.C.	B.A.S.10	1 3	15 0
4	12	6	S.C.C.	B.A.S.10	1 3	5 0
4	12	6	A.S.C.C.	—	1 4	5 4
138 Lamps of 27 varieties.					Total Cost £12 5 11	

\* Double Filaments.

† Corrugated Bulb.

Motor Car  
Lamp Case  
and  
Cabinet

Flashlight,  
Miners  
and  
Decoration

MADE IN ENGLAND FROM BRITISH MATERIALS

Lamp  
Caps,  
Lamp  
Buzzer

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## FLASHLIGHT

STANDARD FLASHLIGHTS—WAVE FILAMENTS				
Voltages	Amps.	Cap	Diameter	Prices on application
2.5	0.2	M.E.S.	12 m/m	
3.5	0.3		15 m/m	



3.5 Volts  
0.3 Amp.

Illustration full size

## MINERS (Group V)

Description	Volts	Amps	Dimensions		Price each
			Diam. m/m	Length m/m	
VACUUM (Clear or Inside Frosted)					
					s. d.
Round (Pip or Pipless) S.E.S. Cap }	2	1	26	45	1 5
Round Bulb S.E.S. Cap }	2	0.5	26	—	1 6
”	2	0.7	26	—	1 6
”	2	0.85	26	—	1 6
”	2.4	0.85	26	—	1 6
”	2.4	1	26	—	1 6
”	4	0.75	26	—	1 6
Mushroom M.E.S. Cap }	2	1	23	—	3 0
GASFILLED (Clear or Inside Frosted)					
Round Pipless	†2.5	1.25	26	—	2 0
	†2.5	1.75	26	—	2 0
	†2.5	1.5	26	—	2 0
	4	0.75	29	—	2 0

"Peg" parallel  
Cap  
718P



"Peg" taper  
Cap  
741P



†These lamps can be supplied in Vacuum Type at the same prices. S.E.S., M.E.S., S.B.C. or "Peg" (taper or parallel) can be fitted to any Miners Lamps without extra charge.

S.E.S. Cap E14/23 x 15



Illustrations approximately half full size

MADE IN ENGLAND FROM BRITISH MATERIALS

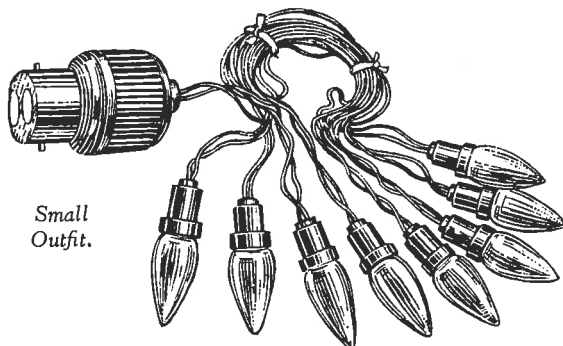
### DECORATION OUTFIT

#### GROUP VI

The Mazda Electric Decoration Lamp Outfit provides a convenient and safe means of decorative lighting in the home, in the shop-window, and for many festive purposes.

The Outfit consists of a length of flexible cord fitted with an adaptor and M.E.S. lamp-holders, together with a number of miniature lamps in various attractive colours. One spare lamp is supplied with the small outfit ; two with the large outfit.

Mazda Decoration Lamps are priced separately in the tabulations below, and can, if desired, be supplied apart from the complete sets.



Small  
Outfit.

#### SMALL OUTFIT—For 100-130-volt circuits.

Comprising 9 Mazda Lamps (14 volt, 7 watts, 0.5 amp.) in various colours, with M.E.S. caps, together with holders, adaptor and 25 feet of flex .. .. .

#### LARGE OUTFIT—For 200-260-volt circuits.

Comprising 18 Mazda Lamps (14 volt, 7 watts, 0.5 amp.) in various colours, with M.E.S. caps, together with holders, adaptor and 41 feet of flex .. .. .

**LAMPS—various colours—1s. 1d. each.**

#### ARTIFICIAL AUTUMN LEAVES

Cloth leaves, fire-proofed, British made.

Price per yard

Price per doz. yards

#### COMPLETE OUTFIT.

£ s. d.  
12 6

1 2 0

8  
7 0

Flashlight,  
Miners  
and  
Decoration

MADE IN ENGLAND FROM BRITISH MATERIALS

Lamp  
Caps,  
Lamp  
Buzzer

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## LAMP CAPS

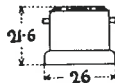
The illustrations are approximately one-third full size, and the dimensions are in millimetres.

### Bayonet Caps

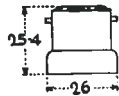
Double Contact (B.C.)



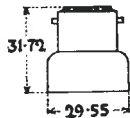
Plan of Caps



No. B22/21 x 26



No. B22/25 x 26

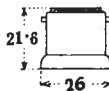


No. B22/31 x 30

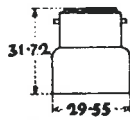
Centre Contact (C.C.)



No. B22/21 x 26S



No. B22/31 x 30S



### Small Bayonet Caps

Double Contact (S.B.C.)



No. BA15D



No. BA15S

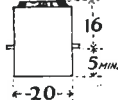
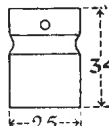
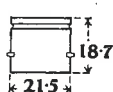


American S.B.C. and American S.C.C. have shorter pins and slightly longer barrel.

3 pin C.C.

Hollow Tubular

Bosch



### Edison Screw Caps

Goliath (G.E.S.)

Standard (E.S.)

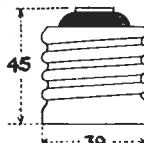
Miniature (M.E.S.)



No. E27/25



No. E10/13



No. E40/45



### Miners' Hand-lamp Caps

### Festoon Lamp Cap



No. E14/23 x 15



No. 741 P



No. 89/10 x 12



MADE IN ENGLAND FROM BRITISH MATERIALS

# MAZDA LAMPS WITH THE WONDERFUL NON-SAG FILAMENT

## MAZDA LAMP BUZZER

THE MAZDA LAMP BUZZER has been designed for the use of all those who wish to signal, or to practise signalling. It is a compact and convenient device with which one can send signals either by means of an intermittent beam of light, or by means of a buzzer. It can also be used as an ordinary flash-light. The case of the Mazda Lamp-Buzzer is fitted with a strap so that it can be carried on the belt. The change-over from lamp to buzzer and vice-versa is effected by means of a small switch on the top of the case. This switch can also be used to lock the signalling knob "off" or to lock it "on" for continuous lighting. There is an adjusting screw at the bottom of the case for varying the note of the buzzer.

**The Mazda Bulb.**—The Mazda Lamp-Buzzer is supplied fitted with a Mazda Flashlamp Bulb, rated at 3.5 volts.

**The Dry Battery.**—A dry battery is not supplied with the Mazda Lamp-Buzzer owing to the risk of deterioration while in stock. The type of battery required is a Standard Flash-lamp 4.5 volt Battery.

List Price (with lamp but without battery) . . . 5/-



*Patent applied for*

MADE IN ENGLAND FROM BRITISH MATERIALS

Lamp  
Caps,  
Lamp  
Buzzer

