

# Vehicle and Miniature index

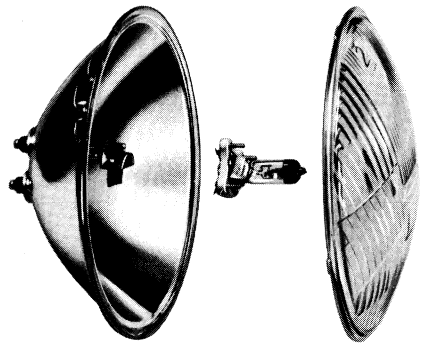
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## Sealed beam headlamps



Exploded view tungsten-halogen unit 60-7023



60-7023

### HEADLAMPS – with 7in diameter lens

Lamp Reference no.	Volts	Watts	Drive	Dip	Standard pack
60-7002	12	60/45	RH	Left	10
60-7010	12	75/50	RH	Left	10
60-7011*	12	60/45	LH	Right ‡	10
60-7012	12	75	RH	—	10
60-7014*	12	60/45	RH	Left	10
60-7020	12	75/50	RH	Left	Super Intensity 10
60-7021*	12	75/50	RH	Left	Super Intensity 10
60-7025	12	60/45	RH	Left	Pilot Reflector 10

### HEADLAMPS – with 5½in diameter lens

60-5702	12	50/37.5	RH	Left	10
60-5712	12	50	RH	—	10
60-5718*	12	50/37.5	RH	Left	10
60-5724	12	75	RH	—	Super Intensity 10

### HEADLAMPS – RECTANGULAR

60-7505*	12	75/60	RH	Left	10
60-7503*	12	60/50	LH	Right ‡	10
60-7511*	12	75/60	RH	Left	Uplight shield 10

### TUNGSTEN-HALOGEN AUXILIARY LAMPS – with 5½in diameter lens

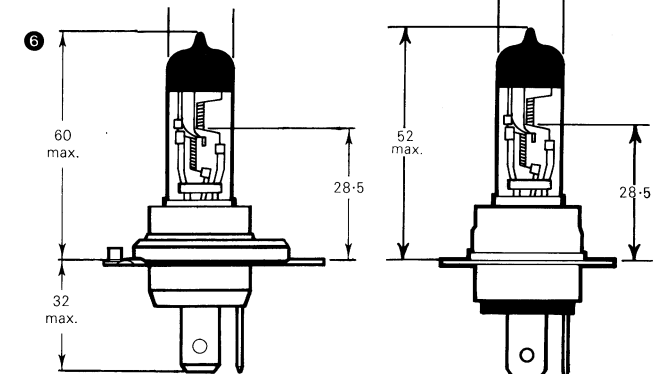
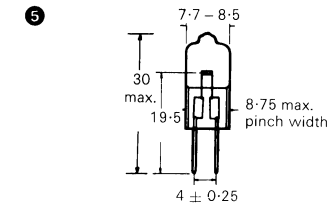
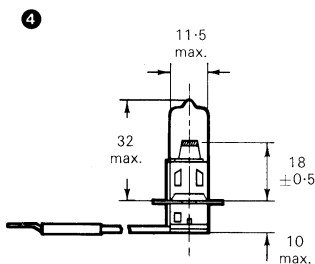
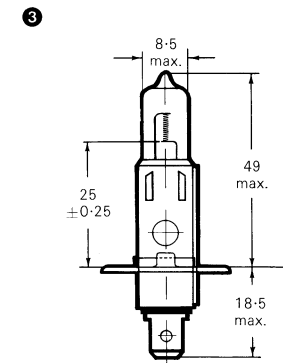
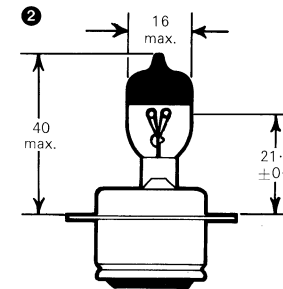
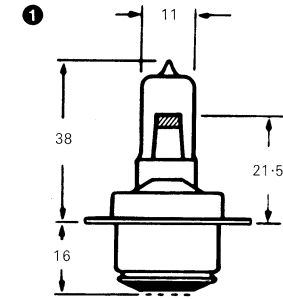
60-5725	12	55	Fog		10
60-5726	12	55	Long Range		10
60-5728	24	70	Fog		10
60-5729	24	70	Long Range		10

### TUNGSTEN-HALOGEN HEADLAMPS

7in circular	60-7023*	12	60/55	RH	Left ‡	Halogen	2
5½in circular	60-5733	12	75	RH	—	Halogen	10
5½in circular	60-5734*	12	55	RH	Left	Halogen	10

\*With pilot aperture  
 †Branded Ediswan on lens  
 ‡Asymmetric beam

## Tungsten-halogen lamps

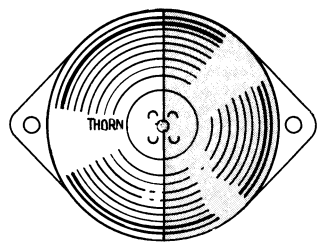


Lamp Reference	Type	Volts	Watts	Cap	Illustration	Standard pack
85-7018	M35	12	20	G4 Bi-pin	5	1
26-0454		6	55	P36s	1	10
26-0465	*H1	6	55	P14.5s	3	10
26-0455	*H3	6	55	PK22s	4	10
26-0450		12	55	P36s	1	10
26-0448	*H1	12	55	P14.5s	3	10
26-0453	*H3	12	55	PK22s	4	10
26-0458		24	70	P36d	1	10
26-0459		24	70	P36s	1	10
26-0460	*H3	24	70	PK22s	4	10
26-0457	RH Drive	12	55/43	P36d	2	10
26-0469	LH Drive	12	55/43	P36d	2	10
26-0472	*H4	12	60/55	P43t-38	6	10
26-0463		12	60/55	P36t	7	10

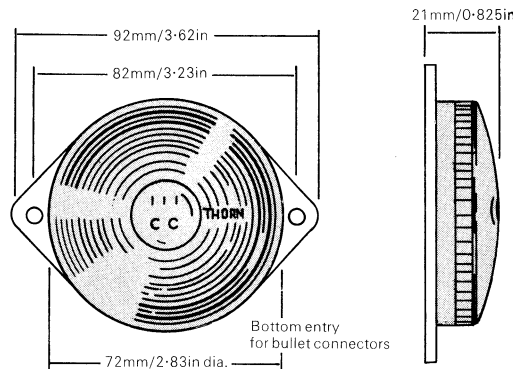
\*International reference

All dimensions in mm

# Marker lights



Side Markerlight



Rear Markerlight

Designed for long vehicles—trucks, trailers, artics, etc.—to comply with the requirements of the Road Vehicle Lighting Regulations 1971 Part VIII and the Road Transport Lighting Act 1957.

Markerlights are of two forms, each available in either 12v or 24v: Red/White—for side marker lamps Red—for rear marker\* lamps.

Markerlights are shallow mounting and the carefully designed Fresnel lens ensures optimum light distribution. Base and lens are petrol and oil resistant and the markerlight accepts standard auto bullet connectors.

The slim design and appearance of markerlights make them equally appropriate for additional lighting on smaller trailers—caravans, camping and boat trailers, etc.

\*N. B. Rear Markerlights are additional to and not used in place of the obligatory vehicle tail lamps. Use for wide loads or high vehicles etc.

### Side Markerlights

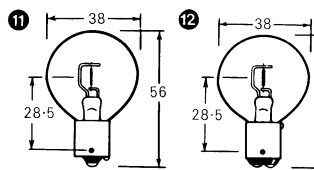
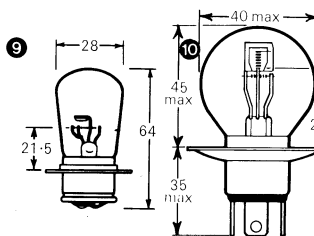
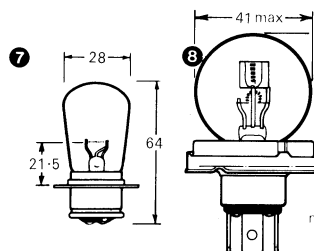
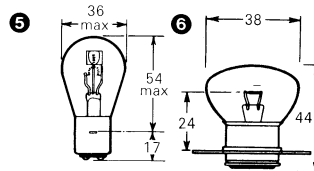
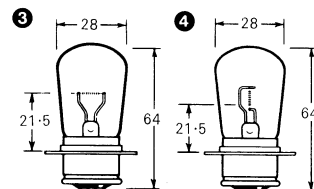
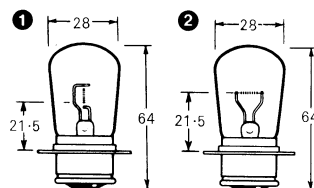
			Reference no.
Left hand side	White/Red	12v 3w	23-9901
		24v 3w	23-9911
Right hand side	Red/White	12v 3w	23-9902
		24v 3w	23-9912

### Rear Markerlights

Rear	Red	12v 3w	23-9903
		24v-3w	23-9913

# British and Unified European prefocus headlamps and ordinary headlamps

All dimensions in mm



### PREFOCUS SINGLE FILAMENT TYPE—with BPF cap P36s and P36d

Lamp Reference no.	Volts	Watts	Filament	Contact	Illustration	Standard pack
26-0185	12	48	Axial	Single	1	10
26-0323	12	48	Transverse	Single	2	10
26-0331	24	44	Axial	Double	4	10
26-0330	24	44	Transverse	Double	3	10

### PREFOCUS SINGLE FILAMENT TYPE—with special prefocus cap P48d

26-0432	12	48	Transverse	Double	6	10
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### PREFOCUS DOUBLE FILAMENT TYPE—with double contact caps and transverse or axial filaments

Lamp Reference no.	Volts	Watts	Drive	Dip	Illustration	Standard pack
26-0312	6	30/24	Either	Vertical	7	10
26-0414*	12	50/40	RH	Left	9	10
26-0437*	24	54/44	RH	Left	9	10
26-0392†	6	25/25	Either		5	10
26-0423†	6	45/40	Either		8	10
26-0410†	12	45/40	Either		8	10
26-0411†	12	45/40	Either	Yellow	8	10
26-0429†	24	55/50	Either		8	10
26-0471	12	75/60	RH	Left	10	10

\*These lamps have transverse shielded filaments  
†UEC—Unified European Cap

### ORDINARY SINGLE FILAMENT TYPE

Lamp Reference no.	Volts	Watts	Filament	Cap	Illustration	Standard pack
25-0001	12	24	Axial	SCC	11	10
25-0004	12	24	Axial	SBC	12	10
25-0002	12	36	Axial	SCC	11	10
25-0005	12	36	Axial	SBC	12	10
25-0123	24	36	Axial	SBC	12	10

# Semi-conductor lamps

Gallium Arsenide Phosphide lamps are a new type of semiconductor junction electroluminescent device. They have electrical characteristics similar to a normal diode but with the distinguishing feature that red radiation is generated at the junction when biased in the forward direction.

The Thorn lamps offer high visibility for low power consumption. The encapsulation ensures stable, ultra-long life expectancy and high resistance to vibration or shock and offers typical solid state reliability.

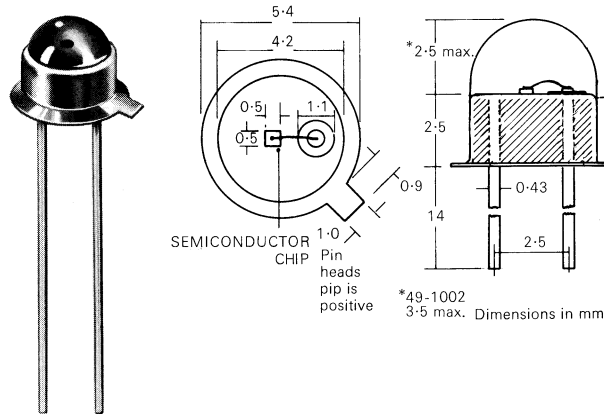
**Types**  
 49-1001—High performance: maintains high luminance over wide viewing angle.

49-1002—Semi-directional: narrower viewing angle.

**Characteristics**

**Normal operating current**  
 Total luminous flux  
 Axial luminance  
 Wavelength peak  
 Angle to half intensity  
 Forward voltage at 100mA  
 Leakage current for 5V reverse

**Maximum ratings**  
 Forward current at 20°C  
 Reverse voltage  
 Power dissipation at 20°C  
 Operating temperature (for 60mA)  
 Storage temperature

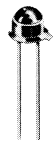


Reference no.  
 49-1001  
 60mA  
 4.5mL (min.)  
 2200 cd.m<sup>-2</sup> (min.)  
 660-670nm (typically)  
 70°-90°  
 2.0V (max.)  
 10µA (max.)

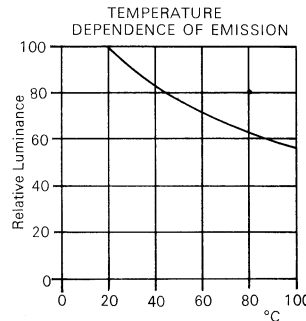
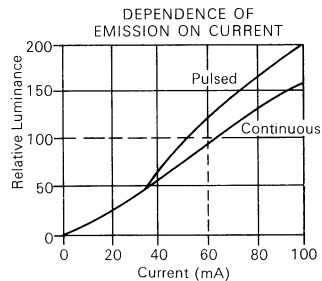
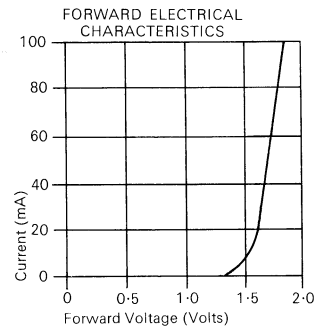
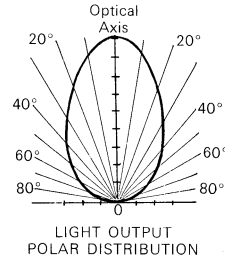
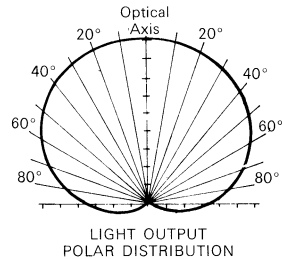
Reference no.  
 49-1002  
 60mA  
 2.0mL (typical)  
 1000 cd.m<sup>-2</sup> (typically)  
 660-670nm (typically)  
 35° (typically)  
 2.0V (max.)  
 10µA (max.)

100mA  
 6 volts  
 200mW  
 50°C  
 100°C

100mA  
 6 volts  
 200mW  
 50°C  
 100°C



Actual size

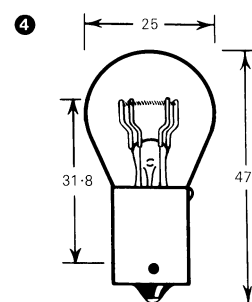
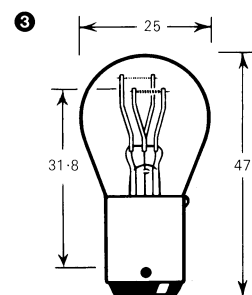
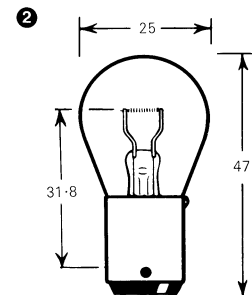
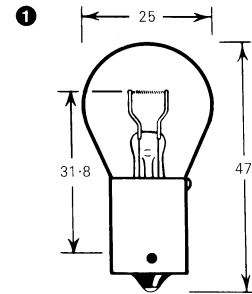


# Flasher, stop and stop/tail lamps

**FLASHER, STOP AND STOP/TAIL – with transverse filaments**

Lamp Reference no.	ECE Regulation no.	Volts	Watts	Cap	Illustration	Standard pack
25-0317	P25-1	6	21	BA15s	1	10
25-0319		6	21	BA15d	2	10
25-0384	P25-2	6	21/5	BA15d	3	10
25-0382	P25-1	12	21	BA15s	1	10
25-0335		12	21	BA15d	2	10
25-0343*		12	21	BA15s	1	10
25-0381		12	21/5	BA15d	3	10
25-0380	P25-2	12	21/5	BAY15d	3	10
25-0334		24	21/5	BA15d	3	10
25-0241		24	21	BA15d	2	10
25-0346	P25-1	24	21	BA15d	2	10

\*Amber bulb



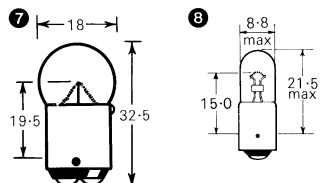
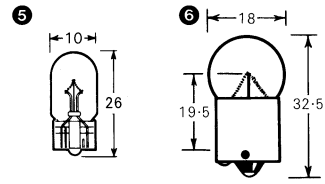
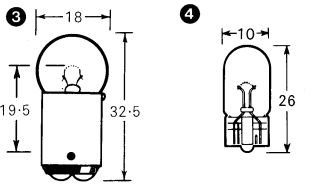
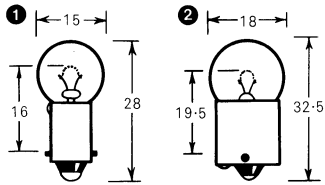
All dimensions in mm

# Side and tail lamps

SIDE AND TAIL – with bow filaments

Lamp Reference no.	ECE Regulation no.	Volts	Watts	Cap	Illustration	Standard pack
20-0951		6	6	BA9s	1	10
20-0205	R19/5	6	6	BA15s	2	10
20-0206		6	6	BA15d	3	10
20-0233	T8/4	12	4	BA9s	8	10
20-0222		12	4	BA9s	1	10
20-0501	W15	12	5	W2-1×9-5d	4	10
20-0989		12	5	BA9s	1	10
20-0207	R19/5	12	5	BA15s	2	10
20-0209		12	5	BA15d	3	10
20-0507	W15	24	5	W2-1×9-5d	5	10
20-0149	R19/5	24	5	BA15s	6	10
20-0150		24	5	BA15d	7	10
20-0227		24	6	BA9s	1	10
20-0247*		24	6	BA15d	7	10
20-0248*		24	6	BA15s	6	10
20-0228		28	6	BA15d	7	10

\* Heavy Duty



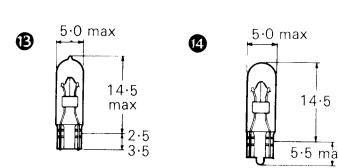
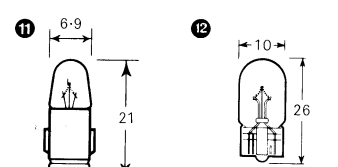
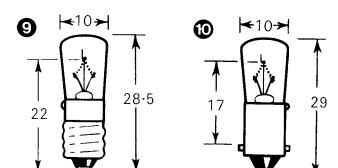
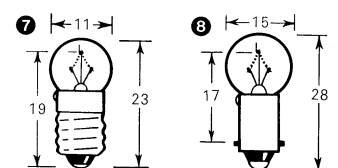
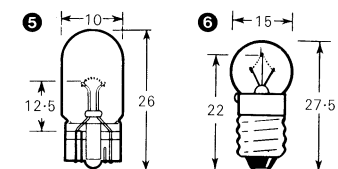
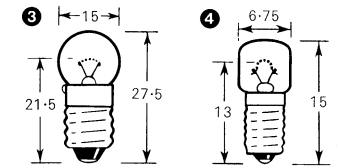
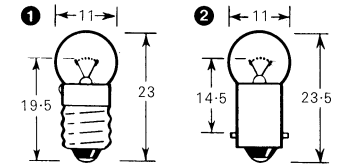
All dimensions in mm

# Panel and indicator lamps

INDICATOR, PANEL AND INSTRUMENT WARNING

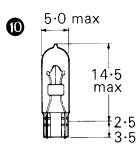
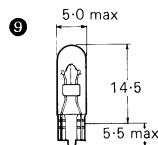
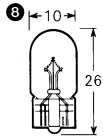
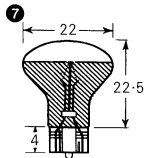
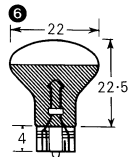
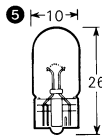
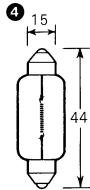
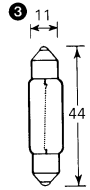
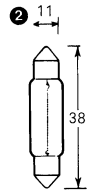
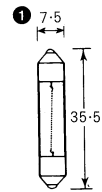
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21-0641	6	3		BA9s	2	10
21-0950	6	6		E10/13	3	10
21-0286	12	1.2		W2×4-6d	14	10
21-2097	12	1.2		W2×4-6d	13	10
21-0280	12	1.5		E5/8	4	10
21-0506	12	1.5		W2-1×9-5d	5	10
21-2104	12	1CP		W2-1×9-5d	5	10
21-0281	12	2		BA7s/11	11	10
21-0987	12	2.2		E10/13	1	10
21-0643	12	2.2		BA9s	2	10
21-0504*	12	3		W2-1×9-5d	5	10
21-0984	12	3.6		E10/13	1	10
21-0985	16	3		E10/13	6	10
21-0650	24	2.8		E10/13	7	10
21-0651	24	2.8		BA9s	8	10
21-0695	24	2.8		E10/13	9	10
21-0993	24	2.8		E10/13	6	10
21-2020	867	24	2.8	BA9s	10	10
21-0505	24	3		W2-1×9-5d	5	10

\*Formerly rated 2.2W



All dimensions in mm

# Festoon and wedge base lamps



## FESTOON FOR TRAFFICATORS AND ROOF-LIGHTS

Lamp no.	ECE Regulation no.	Volts	Watts	Cap	Illustration	Standard pack
23-0255	6	3	S7/8	1	10	10
23-0253	6	6	S8-5/8	2	10	10
23-0256	12	3	S7/8	1	10	10
23-0254	12	6	S8-5/8	2	10	10
23-0272	12	10	S8-5/8	2	10	10
23-0270	12	18	S8-5/8	4	10	10
23-0273	12	21	S8-5/8	4	10	10
23-0653	24	6	S8-5/8	2	10	10
23-0260	24	6	S8-5/8	3	10	10
23-0274	24	10	S8-5/8	2	10	10

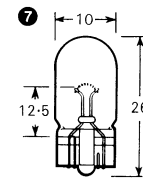
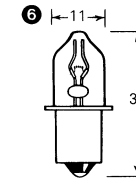
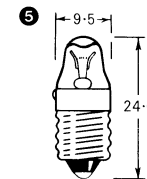
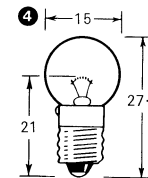
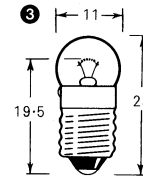
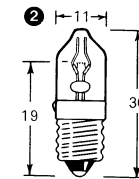
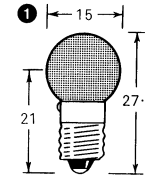
## WEDGE BASE (Capless)

Lamp no.	Application	Illustration	Standard pack
21-0286		9	10
21-2097		10	10
21-2104		5	10
21-0506	Panels and instruments	5	10
21-0504		5	10
20-0501	W15 Side and no. plate	5	10
20-0503†	Reversing	6	10
21-0505	Indicator	8	10
20-0507	Marker	8	10
28-6624 (A400)	Aircraft panel	8	10
28-6680 (A401)	Reading lamp	7	10

†Supported filament  
‡Externally silvered

All dimensions in mm

# Cycle dynamo and flashlamps



All dimensions in mm

## CYCLE DYNAMO LAMPS

### Headlamps

Lamp Reference	Lamp no.	Volts	Amps	Cap	Finish	Illustration	Standard pack
24-2162	843	6	0.2	MES	Granulated	1	10
24-2012	844	6	0.25	MES	Granulated	1	10
24-2049	6	0.25	Wedge base	Clear		7	10
24-2013	845	6	0.3	MES	Granulated	1	10
24-0997	6	0.5	MES	Granulated		1	10

### Tail and battery operated

24-0991	6	0.04	MES	Clear		2	10
24-0998	6	0.1	MES	Clear		2	10
24-2048	6	0.1	Wedge base	Clear		7	10

## FLASHLAMPS - with clear bulbs

### Ordinary type

Lamp Reference	Lamp no.	Volts	Amps	Cap	Illustration	Standard pack
22-0390	1.5	0.2	MES	3	10	
22-0970	2.5	0.2	MES	3	10	
22-0972	2.5	0.3	MES	3	10	
22-0974	3.5	0.15	MES	3	10	
22-0977	3.5	0.3	MES	3	10	
22-2003	5	0.15	MES	4	10	
22-2004	835	4.5	0.3	MES	4	10
22-2076	836	5.5	0.3	MES	4	10

### Lens end type

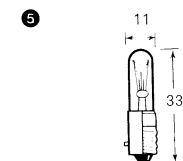
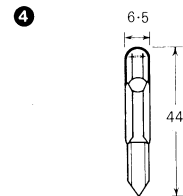
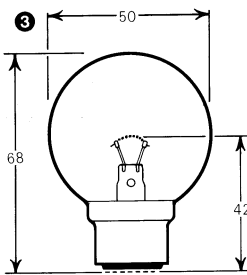
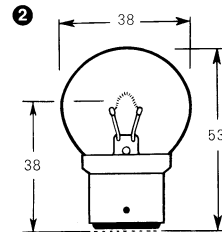
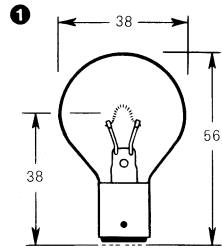
22-2031	2.2	0.25	MES	5	10
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### Prefocus flashlights

22-2046	831	2.5	0.3	Prefocus	6	10
22-2061	832	3.5	0.3	P13-5s	6	10
22-2077	838	5.5	0.3		6	10

# Bus, coach and yacht; telephone visual and telewriter lamps

All dimensions in mm



## FOR INTERIOR LIGHTING

Lamp Reference no.	Lamp no.	Volts	Watts	Cap	Finish	Illustration	Standard pack
27-3123		12	12	BC	Pearl	2	100
27-3124		12	12	SBC	Pearl	1	100
27-3204	809	12	24	BC	Pearl	1	100
27-3205	810	12	24	SBC	Pearl	2	100
27-3128	811	24	12	BC	Clear	1	100
27-3129	812	24	12	SBC	Clear	2	100
27-3131	816	24	12	BC	Pearl	1	100
27-3132	817	24	12	SBC	Pearl	2	100
27-3230		24	12	BC	Pearl	3	100
27-3250		24	15	BC	Pearl	3	100
27-3264		24	20	BC	Pearl	3	100
27-3184	821	24	20	BC	Pearl	1	100
27-3182	822	24	20	SBC	Pearl	2	100
27-3185		24	20	SBC	Pearl	1	100

## TELEPHONE VISUAL LAMPS

Side contact plates and coloured endpieces

Lamp Reference no.	Volts	Amps	Filament	Endpiece colour	Illustration	Standard pack
24-3125	6	0.041	No. 2 Metal	Grey	4	50
24-3141	12	0.10	No. 2 Metal	Red	4	50
24-3171	24	0.10	No. 2 Metal	Yellow	4	50
24-3001	12	0.117	No. 2 Carbon	Red	4	50
24-3035	50	0.107	No. 2 Carbon	White	4	50

## TELEWRITER LAMPS

Lamp Reference no.	Volts	Watts	Cap	Illustration	Standard pack
24-3626	50	2.5	MCC	5	50
24-3627	50	2.5	MES	5	50
24-3702	60	3.6	MES	5	50

# Radio and subminiature panel, miners lamps

## RADIO PANEL LAMPS

Lamp Reference	Lamp no.	Volts	Amps	Cap	Illustration	Standard pack
21-3025	850	6.2	0.3	MES	2	10
21-3094		6.3	0.11	MES	1	10
21-3074	852	6.3	0.15	MCC	3	10
21-3051	853	6.3	0.15	MES	2	10
21-3043		6.3	0.25	MCC	3	10
21-3029		6.5	0.35	MES	1	10
21-3030	855	6.5	0.3	MCC	4	10
21-3028	857	6.5	0.3	MES	2	10
21-3027		6.5	0.3	MCC	3	10

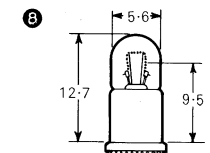
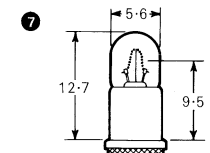
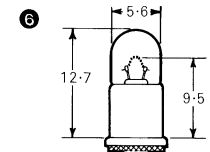
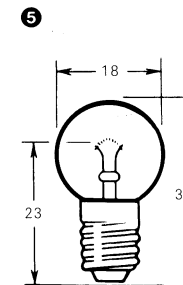
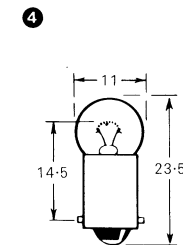
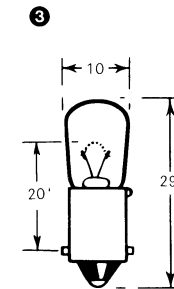
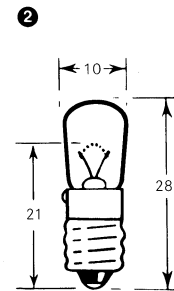
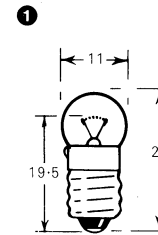
## SUBMINIATURE PANEL LAMPS

Lamp Reference	Volts	Amps	Cap	Illustration	Standard pack
28-6201	6	0.1	S6s/8	6	50
28-6202	6	0.2	S6s/8	6	50
28-6301	12	0.1	S6s/8	7	50
28-6595*	28	0.04	S6s/8	8	50
28-6601	28	0.04	S6s/8	8	50
28-6615	28	0.08	S6s/8	8	50

\*Long life lamp

## MINERS LAMPS

Lamp Reference	Volts	Amps	Cap	Illustration	Type	Standard pack
24-5106	4	0.46	MES	1	Vacuum	25
24-5657	3.6	1	MES	5	Krypton	25
24-5721	4	0.8	MES	5	Krypton	25
24-5726	4	0.9	MES	5	Krypton	25
24-5730	4	1	MES	5	Krypton	25

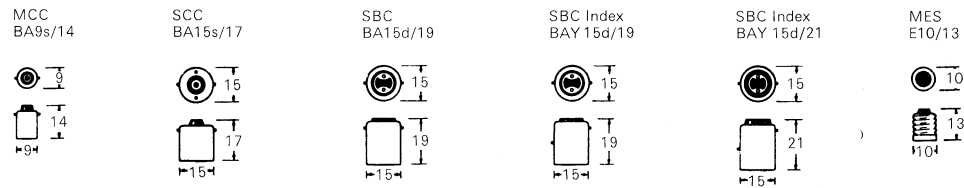


All dimensions in mm



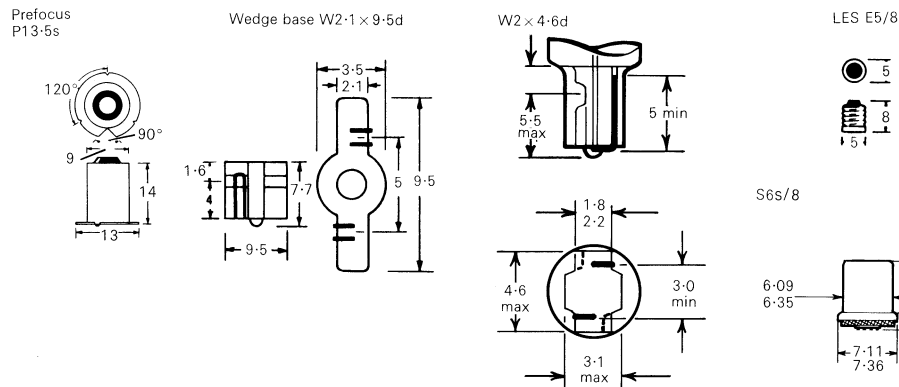
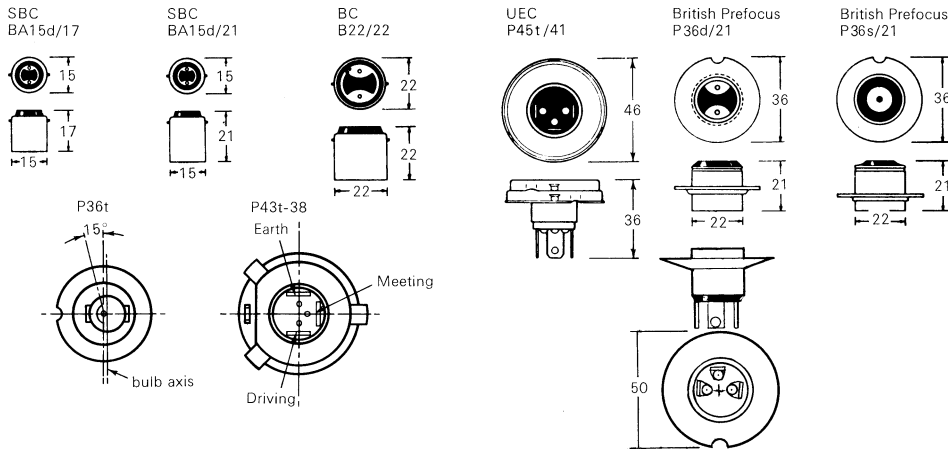
# Lamp cap dimensions

Dimensions and details of the caps used on the range of vehicle and miniature lamps are given below. All dimensions in mm.



PK22s

P145s



# Car lamp application guide

	Headlamps	Side Lamp	Tail Lamp	Stop Lamp	Flasher Front	Rear	Number Plate Lamp	Ignition Warning Lamp	Fog/Pass Lamp	Fog/Pass Lamp T-equivalent
<b>ALVIS</b>										
All models 1967 on	7002 (C)	380	380	380	380	382	989	987	—	—
<b>ASTON MARTIN</b>										
All models 1964 on (except DBS)	7010	222	380	380	382	382	222	987	—	—
<b>AUTO UNION</b>										
1000 Saloon	—	—	205	383	266	383	253	282	—	—
100 GL	410	233	—	382	382	382	—	207	—	—
All other models	—	641	205	383	266	383	253	282	—	—
<b>B.M.W.</b>										
2002/1600/1800/2000										
Touring	410	233	—	382	382	382	—	207	—	—
2500/2800/3.0	448	233	—	382	382	382	—	207	—	—
<b>BOND</b>										
All Equipe series	7002 (C)	380	380	380	380	382	989	987	—	—
<b>BORGWARD</b>										
All models	—	641	205	317	317	317	205	—	—	—
<b>BRISTOL</b>										
All models 1962 on	7002 (C)	380	380	380	380	382	989	281	323	450
<b>BRITISH LEYLAND</b>										
Austin/Morris Mini	7014 (C)	501	380	380	382	382	989	987	323	450
Austin/Morris 1100/1300	7002 (C)	989	380	380	382	382	989	281	—	—
A35 Countryman	414	989	380	380	256*1	256*1	989	987	—	—
All A40 series	7002 (C)	989	380	380	382	382	989	987	—	—
All A60 and A110 Westminster	7002 (C)	989	380	380	382	382	989	987	323	450
Marina	7002 (C)	501	380	380	380	380	501	281	—	—
1800/3 litre/2200	7002 (C)	501	380	380	382	382	501	281	—	—
Mini Moke	7002 (C)	989	380	380	382	382	989	987	—	—
Healey Sprite	414	989	380	380	382	382	989	987	323	450
Healey 3000	414	380	380	380	380	380	989	987	323	450
Daimler 2½ litre Sports V8	414*2	989	380	380	382	382	989	987	323	450
Majestic	7002 (C)	989	380	380	382	382	989	987	—	—
Sovereign	5712 & 7002 (C)	989	380	380	382	382	989	—	—	—
Jaguar XJ6	5712 & 7002 (C)	380	380	380	382	382	989	281	323	450
Mk IX saloon	414*3	207	380	380	382	382	989	281	323	450
Mk X saloon 1962 on	5700 & 7002 (C)	989	380	380	380	382	989	281	323	450
E type 2-seater 1965 on	7010	989	380	380	382	382	989	281	323	450
XK150 sports 2-seater	414	207	380	380	382	382	989	281	323	450
4.2 E-type and saloon	—	989	380	380	382	382	989	281	323	450
420 and 420G	—	989	380	380	382	382	989	—	—	—
Rover 3-litre	7020	989	380	380	382	382	989	987	323	450
Land Rover and station wagon series	414*4	989	380	380	382	382	501	207	—	—
Rover 2000	5702 & 5724	989	380	380	382	382	989	987	—	—
MGB and GT	7020	989	380	380	382	382	207	987	323	450
Midget/Magnette/MGA	7020	989	380	380	382	382	989	987	323	450
Standard (all models)	414*3	380	380	380	380	382	989	987	—	—
Triumph Heralds and 1200	7002 (C)	989	380	380	382	382	989	987	323	450
TR3, TR4 series	7020 (C)	989	380	380	382	382	989	987	323	450

\*1 1962-65 Models Bulb No. 382

\*2 1964-65 Models fitted with sealed beam headlight units type 7002.

\*3 1963 onward Models fitted with sealed beam headlight units type 7002

\*4 1964 and later Models fitted with sealed beam headlight units type 7002

(C) These units can be directly replaced by the Mazda Tungsten Halogen conversion kit No. 7023

## Car lamp application guide

	Headlamps	Side Lamp	Tail Lamp	Stop Lamp	Flasher Front	Rear	Number Plate Lamp	Ignition Warning Lamp	Fog/Pass Lamp	Fog/Pass Lamp T-H equivalent
Vitesse, Vitesse 2000	5702 & 5724	989	380	380	382	382	989	987	323	450
Herald 12/50	7020	989	380	380	380	382	989	987	323	450
2000 saloon	7020	989	380	380	382	382	989	—	—	450
Spitfire and GT6	7020	207	380	380	382	382	989	280	—	—
Dolomite	5702 & 5724	989	380	380	382	382	207	280	—	—
Vanden Plas Princess 3 and 4 litre series	—	989	380	380	382	382	989	987	323	450
Princess 1100	7002 (C)	501	380	380	382	382	989	987	323	450
Wolseley 1100	7002 (C)	989	380	380	382	382	989	—	—	450
Hornet/1500/16/60 and 6/110 series	414*5	989	380	380	382	382	989	987	323	450
Bedford 6 and 8 cwt vans	414	380	—	—	382	382	—	—	—	—
Beagle Estate Car	414	380	—	—	382	382	—	—	—	—
<b>CHRYSLER</b>										
Hillman Husky Mk III	7002 (C)	989	380	380	382	382	989	281	—	—
Husky Utility Mk. II	414	380	380	380	380	382	989	281	—	—
Minx and Super Minx series	414*3	380	380	380	380	382	989	281	—	—
Minx 1600 de luxe	7002 (C)	989	380	380	382	382	989-501	281	—	—
Imp/Californian	7002 (C)	989	380	380	382	382	207	281	—	—
Hunter/later Minx	410 (K)	989	380	380	382	382	501	—	—	—
Avenger	7505	501	380	380	382	382	989	281	—	—
Humber Sceptre	5702 & 5712	989	380	380	985	382	501	281	323	450
Hawk series	414*3	380	380	380	380	382	501	280	—	—
Simca Aronde series	410	643	643	382	382	382	382	643	—	—
1000/1100	410	233	—	—	—	—	—	—	—	—
1200/1301/1501	410	233	—	—	—	—	—	—	—	—
Chrysler 160/180	410	207	—	380	382	382	—	—	—	—
Singer Gazelle series	414*4	380	380	380	380	382	989	987	—	—
Vogue series	414 (K)	380	380	380	380	382	989	987	—	—

\*3 1963 onward Models fitted with sealed beam headlight units type 7002

\*4 1964 and later Models fitted with sealed beam headlight units type 7002

\*5 Later models fitted with sealed beam headlight units type 7002

(C) These units can be directly replaced by the Mazda Tungsten Halogen conversion kit No. 7023

(K) These units are suitable for conversion to Tungsten Halogen with the Mazda Tungsten Halogen conversion kit No. 463

## Car lamp application guide

	Headlamps	Side Lamp	Tail Lamp	Stop Lamp	Flasher Front	Rear	Number Plate Lamp	Ignition Warning Lamp	Fog/Pass Lamp	Fog/Pass Lamp T-H equivalent
Gazelle Mk 5	7002 (C)	380	380	380	380	382	989-501	987	—	—
Chamois and Sport	7002 (C)	380	380	380	382	382	207	987	—	—
Gazelle (later model)	410 (K)	989	380	380	382	382	501	—	—	—
Sunbeam Alpine	414	380	380	380	380	382	989	987	323	450
Rapier Sports Convertible	414	380	380	380	380	382	989	281	323	450
Rapier IV	7002 (C)	989	380	380	382	382	501-989	281	—	450
Alpine Mk III and IV	7002 (C)	501	380	380	382	382	501-989	987	323	450
Tiger/Imp series	7002 (C)	989	380	380	382	382	501	987	—	450
<b>CITROEN</b>										
Bijou saloon	356	384	384	384	384	317	951	—	—	—
2CV4/6, Dyane 4/6, Ami 8	410	—	—	—	—	—	—	—	—	—
SM coupe	448	207	—	382	382	382	—	—	—	—
GS	448 & 410	207	—	382	382	382	—	—	—	—
<b>DAF</b>										
All models	7002 (C)	641	264	266	266	266	266	282	—	—
<b>FIAT</b>										
500/600/128	410	380	380	380	380	382	207	504	—	—
124/124 Sport	410	380	380	380	380	382	207	504	—	—
125/850	410	382	380	380	382	382	207	504	—	—
<b>FORD (German)</b>										
All models	410	641	253	266	317	266	255	282	—	—
<b>FORD</b>										
Popular saloon and de luxe	414	380	380	380	380	382	207	987	—	—
Anglia/Consul 375/Zephyr	7002 (C)	380	380	380	380	382	207	987	—	—
Classic/Capri 1961-64	5702 & 5700	380	380	380	380	382	207	987	—	—
Zephyr estate car	7002 (C)	380	380	380	380	382	207	504	—	—
Zodiac	7013 & 7012	380	380	380	380	382	207	504	—	—
Cortina 1500cc	7002 (C)	989	382	380	382	382	989	987	—	—
Cortina	7002 (C)	501	380	380	382	382	989	504	—	—
Corsair	7002 (C)	501	380	380	382	382	989	987	—	—
Escort series (de luxe only)	7014 (C*)	501	380	380	382	382	501	987	—	—
Capri 1969	7505	501	380	380	343	343	501	504	—	—
Cortina Mk III	7014 (C?)	233	380	380	—	—	989	—	—	—
Consul 1972	410	233	380	380	382	382	—	207	—	—
Granada	410	233	380	380	382	382	—	207	—	—
<b>JENSEN</b>										
All models 1968 on	5702 & 448	207	380	380	382	382	989	987	323	450
<b>LANCIA</b>										
All models	410	380	380	380	382	382	254	—	—	—

(C) These units can be directly replaced by the Mazda Tungsten Halogen conversion kit No. 7023

(K) These units are suitable for conversion to Tungsten Halogen with the Mazda Tungsten Halogen conversion kit No. 463

(C\*) Escort Super, XL, GT, can be converted to Tungsten Halogen with the Mazda Tungsten Halogen conversion kit No. 463

(C?) Late '71 onward models fitted with sealed beam unit No. 7025 (metal pilot reflector)—not yet convertible

# Car lamp application guide

	Headlamps	Side Lamp	Tail Lamp	Stop Lamp	Flasher Front	Rear	Number Plate Lamp	Ignition Warning Lamp	Fog/Pass Lamp	Fog/Pass Lamp T-H equivalent
<b>MERCEDES-BENZ</b>										
180/220 saloons	410	205	253	266	317	266	264	640	—	—
180D/190C/190D	410	989	254	267	382	382	265	643	—	—
190SL/200S series	416	989	254	382	382	382	265	643	—	—
300 and 300SL series	448	233	382	382	382	382	—	207	—	—
<b>MORGAN</b>										
4/4 series	7020	380	380	380	382	382	989	987	—	—
<b>PEUGEOT</b>										
403B series	410	254	380	380	382	380	254	643	—	—
404 series	410	207	380	380	382	380	207	643	—	—
<b>PLYMOUTH</b>										
All models	—	380	380	380	380	380	207	643	—	—
<b>PONTIAC</b>										
All models	—	380	207	380	380	380	207	643	—	—
<b>PORSCHE</b>										
356A series	—	641	205	383	383	383	253	282	—	—
356B series	—	641	205	384	384	384	205	282	—	—
<b>RELIANT</b>										
All models (except Scimitar)	7002 (C)	380	380	380	380	382	989	987	—	—
<b>RENAULT</b>										
R4/Dau and B series	410	253	384	384	317	—	205	641	—	—
G/I series	410	380	380	380	382	382	501	504	—	—
All other models	410	380	380	380	382	382	501	504	323	450
<b>SAAB</b>										
3 and 4cyl	410 (K)	989	380	380	343	382	256	—	—	—
<b>SKODA</b>										
All models	410	381-643	381	381	381	382	207	643	—	—
<b>VAUXHALL</b>										
Victor and VX4/90 series	5702 & 5724* <sup>6</sup>	501	380	380	380	382	989	643	—	450
Velox and Cresta series	7020	501	380	380	382	382	989	643	—	450
Viva 1963-66	7002 (C)	380	380	380	380	382	989	987	—	450
Firenza	5702 & 5724	501	380	380	382	382	501	504	—	450
Viva range—1966 on	410 (K)	989	380	380	382	382	989	643	—	450
<b>VOLKSWAGEN</b>										
Standard de luxe and 6v models	423	—	384	384	317	317	205	282	—	454
12v models	410 (K)	253	380	384	382	—	233	504	—	450
411 series	448	—	—	380	382	382	—	—	—	—
<b>VOLVO</b>										
122S 122SB and P1800 series	—	989	380	380	382	382	989	987	—	450
All other models	410	384	380	380	382	382	989	987	—	—

\*6 1972 Victor (series FE) fitted with headlight units No. 7511, 1972 VX 4/90 and Ventora (series FE) fitted with headlight units No. 471 & 410

(C) These units can be directly replaced by the Mazda Tungsten Halogen conversion kit No. 7023

(K) These units are suitable for conversion to Tungsten Halogen with the Mazda Tungsten Halogen conversion kit No. 463