



Automotive Bulbs

Introduction	212-214
Quick Reference Upgrade Bulb Guide	215
Halogen Bulbs H1, H2	216
Halogen Bulbs H3, H4	217
H7 / H8 / H9 / H10 / H11 / HB1	218
HB3 / HB4 / HB5 / Headlamp	219
800 Series	220
Signal and Marker	221-223
Pilot / Dash / Signal / Fluorescent Tube	224
Halogen / Strobe / Xenon (HID)	225

Hella offers a large range of bulbs for most modern vehicles and the extensive variety of imported Japanese cars. The range includes heavy duty, longlife and upgrade bulbs, including the new 24V TRUCKSTAR bulb. As we grow older our night vision ability diminishes and more light is required to allow us to drive safely. Using Xenon and Xenon Ultra bulbs can help to increase light on the road.

SAFETY through Vision and Innovation





HELLA BULBS – ADVANCED TECHNOLOGY TO SUIT YOUR NEEDS



S1221/5



XD1260/55

Xenon Gas
Discharge Bulb
D2S

At Hella, we have been designing, developing and manufacturing automotive lighting since cars were first invented. Today, Hella's bulbs are used under some of the most demanding conditions and subject to the highest safety standards in New Zealand. You can rest assured that whatever your requirements, there's a Hella bulb that meets them perfectly.

INCANDESCENT BULBS

Incandescent bulbs produce light by heating a filament until it is white hot. Incandescent bulbs become progressively dimmer over the course of their service life, because heating the filament makes it slowly burn away and vapour condenses on the glass envelope diminishes transmission.

HALOGEN BULBS

Halogen bulbs contain a gas mixture which consists of halogen compounds (usually compounds of iodine or bromine). Light is produced in much the same way as by an incandescent bulb, however, when particles burn off the filament, they are returned by a chemical process involving the halogen in the bulb. This means that the light produced by a halogen bulb is relatively consistent over the course of the bulb's entire service life.

XENON GAS DISCHARGE BULBS

Xenon bulbs use an electric current arc passed through Xenon gas, rather than a filament, to produce light. This method requires minimal electric current draw compared to filament lighting, and its output is comparable to daylight. As the human eye has evolved to see in daylight, Xenon lighting causes less eye strain than other bulb types, making it a more convenient and safer night lighting option. Xenon bulbs increase reflections on road signs and markings.

ADVANTAGES OF XENON LIGHTING

Twice the light output when compared to standard halogen bulbs with less than approximately half the power - safer and more environmentally friendly.

- Light colour very similar to daylight – reduces strain on the eye.
- Steady brightness levels even if power supply varies.
- Impact and vibration resistant light arc ensures a bulb service life five times longer than standard bulbs.

To achieve maximum life from an automotive bulb there are some important points to consider.

VOLTAGE Rule of thumb

- 5% over-voltage halves the bulb life

Headlamp bulbs are rated at 13.2 volts. Signal & Marker bulbs are rated at 13.8 volts.

Light output of a tungsten filament light source is dependent on voltage. Low voltage causes low output and low life, especially for halogen bulbs, because regeneration does not occur. Over voltage causes excessive tungsten erosion and significantly shortened bulb life.

LIGHT OUTPUT	
OPERATING VOLTAGE %	LIGHT INPUT
85	53
90	67
95	83
100	100

Based on a mean operating voltage of 100% = 13.5V or 27V



COOL BLUE (CB) AND BLUE VISION (BV) – WHITER

The bulb which comes closest to emulating a Xenon gas discharge lamp. Its high colour temperature creates the cool white light which provides illumination that is conspicuous and easy on the eye.



XENON (X) – 30% BRIGHTER

This bulb outshines a standard headlamp bulb by achieving up to 30% higher illumination on the road in the 50-75m range allowing better orientation and earlier reaction to hazards.



XENON ULTRA (XU) – 50% BRIGHTER

Xenon Ultra takes lighting a step further by providing up to 50% more illumination on the road than a standard headlamp bulb while at the same time emitting a 10-20m longer beam.



LONGLIFE (LL) AND TRUCKSTAR (TS)

Long Life (LL) bulbs offer a significant increase in life over a standard bulb. Longer life is achieved through the use of heavy gases such as Argon and Krypton.



HEAVY DUTY

Heavy Duty (HD) bulbs are designed to withstand commercial vehicle applications where filaments are prone to break through mechanical shock. Through the use of filament supports and/or heavier duty filament material, failure due to extreme conditions is less likely to occur.



TRUCKSTAR

A new generation of high-performance halogen bulbs specifically designed to cope with the extreme demands of 24 volt heavy commercial transport applications.

Utilising innovative single-coil filaments, TRUCKSTAR halogen bulbs offer a vastly increased service life of up to 100% when compared to standard bulbs and superior vibration resistance during extended periods of operation, allowing transport operators to significantly reduce vehicle servicing costs and downtime.

In addition to extended service life and maximum durability, TRUCKSTAR halogen bulbs provide illumination of the road ahead that is up to 100% higher when compared to standard bulbs.

The result: Improved vision and clearer visibility of objects and traffic situations in the distance ahead - effectively reducing eyestrain and driver fatigue and adding valuable seconds to driver reaction times for improved night driving safety.

SAFE FOR MODERN HEADLAMPS

All Hella halogen automotive bulbs (12V and 24V) are UV-reduced which means the bulbs are safe for use in modern headlamps with polycarbonate lenses.





D2R



D2S



D1R



D1S

GAS DISCHARGE LAMPS

How they work

Gas discharge lamps generate light according to the physical principle of electrical discharge.

Thanks to the application of an ignition voltage from the ballast (up to 23kV in 3rd generation units), the gas between the lamp electrodes (filled with the inert gas xenon and a mixture of metals and metal halides) is ionized and made to glow with the aid of a light arc.

During the controlled feeding of alternating current (at approx. 400Hz) the liquid and solid substances evaporate on account of the high temperatures. The lamp only achieves its full brightness after a few seconds when all the components have been ionized. To prevent destruction of the lamp through uncontrolled increases in current, the current is limited by a ballast. Once the full light output has been reached, an operating voltage (not the ignition voltage) of only 85V is necessary to keep up the physical process. Luminous flux, light output, luminance and service life are significantly better than with halogen bulbs.

Tips for dealing with HID electronic ballasts

A faulty ballast leads to complete headlight failure. Possible causes for failure of the ballast are:

- Lack of voltage supply
- Lack of ground connection
- Faulty electronics in the device
- Internal short-circuits

Fault diagnosis:

Check whether the ballast is attempting to ignite the bulb after the light has been switched on. Ignition attempts can be heard clearly near the headlight. If ignition attempts are unsuccessful, the Xenon bulb should be checked by swapping it with one from the other headlight and trying again.

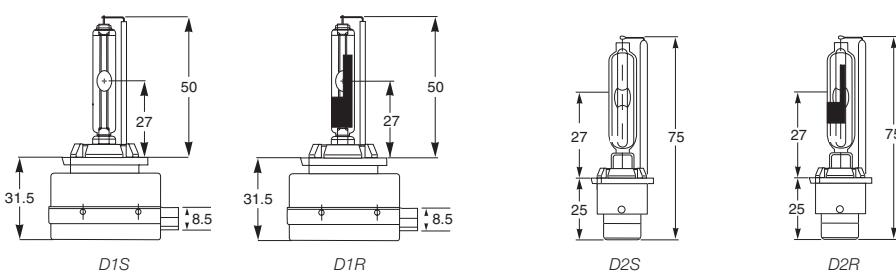
If no ignition attempt is carried out, the fuse should be checked.

If the fuse is OK, check the voltage and ground supply directly at the ballast. Voltage must be at least 9 volts.

If the voltage and ground supplies and the xenon light are all OK, a faulty ballast is causing the problem.

COLOUR MATCH HID BULBS

As HID bulbs age, the colour temperature increases (they look "whiter"). When a HID bulb is replaced with a new bulb it can look "yellow" compared to the original bulb. The new bulb is not faulty, and will slowly grow "whiter" with use. If this is unacceptable a colour match bulb may be used (D2R-5K, D2S-5K) which is "whiter" from the start, and will be a closer match to the older bulb. The bulbs are ECE compliant.





QUICK REFERENCE UPGRADE BULB GUIDE



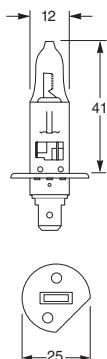
UPGRADE BULBS

Bulb	Category	Part No.	Voltage	Power Consumption	Base	Page
BLUE 4000						
	H1	C1255CB	12V	55W	P14.5s	214
	H1	C1255BV-2	12V	55W	P14.5s	214
	H7	CA1255CB	12V	55W	PX26d	216
	H7	CA1255BV-2	12V	55W	PX26d	216
	HB3	CB1265CB	12V	65W	P20d	216
	HB4	CC1255CB	12V	55W	P22d	216
	T4W	HL124BV	12V	4W	BA9s	222
	W5W	W125BV	12V	5W	W2.1 x 9.5d	221
	H4	XD1260/55CB	12V	60/55W	P43t	215
	H4	XD1260/55BV-2	12V	60/55W	P43t	215
	H3	YC1255CB	12V	55W	PK22s	215
XENON						
	H1	C1255X	12V	55W	P14.5s	214
	H1	C1255X-2	12V	55W	P14.5s	214
	H7	CA1255X	12V	55W	PX26d	216
	H7	CA1255X-2	12V	55W	PX26d	216
	HB1	CC1265/45X	12V	65/45	P29t	216
	HB5	CC1265/55X	12V	65/55	P29d	216
	H11	CG1255X	12V	55W	PGJ19-2	217
	H4	XD1260/55X	12V	60/55W	P43t	215
	H4	XD1260/55X-2	12V	60/55W	P43t	215
	H3	YC1255X	12V	55W	PK22s	216
XENON ULTRA						
	H1	C1255XU	12V	55W	P14.5s	214
	H1	C1255XU-2	12V	55W	P14.5s	214
	H7	CA1255XU	12V	55W	PX26d	216
	H7	CA1255XU-2	12V	55W	PX26d	216
	HB3	CB1265XU-2	12V	65W	P20d	216
	HB4	CC1255XU-2	12V	55W	P22d	216
	H4	XD1260/55XU	12V	60/55W	P43t	215
	H4	XD1260/55XU-2	12V	60/55W	P43t	215
	H3	YC1255XU	12V	55W	PX26d	216
TRUCKSTAR						
	H1	C2470TS	24V	70W	P14.5s	214
	H1	C2470TS-BULK	24V	70W	P14.5s	214
	H7	CA2470TS	24V	70W	PX26d	216
	H7	CA2470TS-BULK	24V	70W	PX26d	216
	H4	XD2475/70TS	24V	75/70	P43t	215
	H4	XD2475/70TSBULK	24V	75/70	P43t	215
	H3	YC2470TS	24V	70W	PK22s	215
	H3	YC2470TS-BULK	24V	70W	PK22s	215

Note: -2 Supplied in pairs



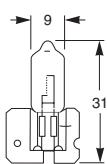
C1255



C1255CB



CD2470



H1 Halogen Bulbs

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
C1255	12	55	P14.5s	H1
C1255-BULK	12	55	P14.5s	H1
C1255LL	12	55	P14.5s	H1
C1255X	12	55	P14.5s	H1
C1255X-2	12	55	P14.5s	H1
C1255XU	12	55	P14.5s	H1
C1255XU-2	12	55	P14.5s	H1
C1255CB	12	55	P14.5s	H1
C1255BV-2	12	55	P14.5s	H1
C12100	12	100	P14.5s	-
C12100-BULK	12	100	P14.5s	-
C2455	24	55	P14.5s	-
C2470	24	70	P14.5s	H1
C2470-BULK	24	70	P14.5s	H1
C2470TS	24	70	P14.5s	H1
C2470TS-BULK	24	70	P14.5s	H1
C24100	24	100	P14.5s	-
C24100-BULK	24	100	P14.5s	-

H2 Halogen Bulbs

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
CD1255	12	55	X511	H2
CD12100	12	100	X511	-
CD2470	24	70	X511	H2
CD24100	24	100	X511	-

Note

Only bulbs marked with an ADR 51/00 category, or bulbs with the same power consumption as the original should be used in plastic lens headlamp systems.

CAUTION: Halogen bulbs should only be used or illuminated in an enclosed lighting system.

100 watt bulbs are for "OFF-ROAD" use only.

Halogen "BULK" bulbs supplied in boxes
P/N's ending in "- 2" bulbs supplied in pairs.

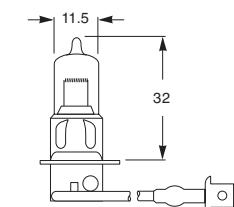


HALOGEN BULBS H3, H4



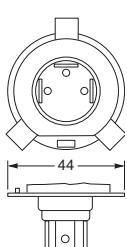
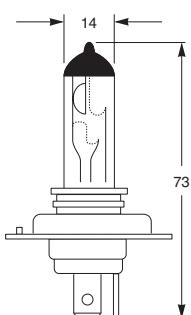
H3	Halogen Bulbs			
PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
YC1235	12	35	PK22s	-
YC1255	12	55	PK22s	H3
YC1255-BULK	12	55	PK22s	H3
YC1255LL	12	55	PK22s	H3
YC1255X	12	55	PK22s	H3
YC1255XU	12	55	PK22s	H3
YC1255CB	12	55	PK22s	H3
YC12100	12	100	PK22s	
YC12100-BULK	12	100	PK22s	
YC2455	24	55	PK22s	-
YC2455-BULK	24	55	PK22s	-
YC2470	24	70	PK22s	H3
YC2470-BULK	24	70	PK22s	H3
YC2470TS	24	70	PK22s	H3
YC2470TS-BULK	24	70	PK22s	H3
YC24100	24	100	PK22s	-
YC24100-BULK	24	100	PK22s	-

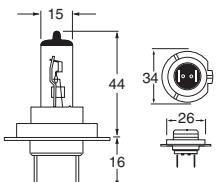
(Long Life)
30% Brighter
50% Brighter
Whiter



H4	Halogen Bulbs			
PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
XD1260/55	12	60/55	P43t	H4
XD1260/55-BULK	12	60/55	P43t	H4
XD1260/55LL	12	60/55	P43t	H4
XD1260/55X	12	60/55	P43t	H4
XD1260/55X-2	12	60/55	P43t	H4
XD1260/55XU	12	60/55	P43t	H4
XD1260/55XU-2	12	60/55	P43t	H4
XD1260/55CB	12	60/55	P43t	H4
XD1260/55BV-2	12	60/55	P43t	H4
XD12100/90	12	100/90	P43t	-
XD12100/90-BULK	12	100/90	P43t	-
XD2475/70	24	75/70	P43t	H4
XD2475/70-BULK	24	75/70	P43t	H4
XD2475/70TS	24	75/70	P43t	H4
XD2475/70TS-BULK	24	75/70	P43t	H4
XD24100/90	24	100/90	P43t	-
XD24100/90-BULK	24	100/90	P43t	-

Heavy Duty
Heavy Duty
Long Life
Long Life

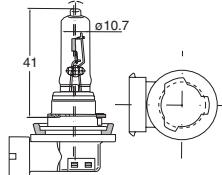
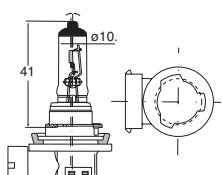




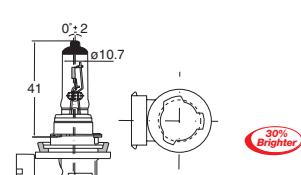
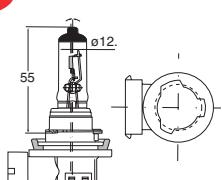
- Long Life
- 30% Brighter
- 30% Brighter
- 50% Brighter
- 50% Brighter
- Whiter
- Whiter



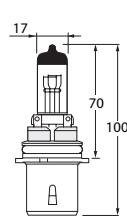
CA2470TS



NEW ENTRY



HB1



H7

Halogen Bulbs

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
CA1255	12	55	PX26d	H7
CA1255LL	12	55	PX26d	H7
CA1255X	12	55	PX26d	H7
CA1255X-2	12	55	PX26d	H7
CA1255XU	12	55	PX26d	H7
CA1255XU-2	12	55	PX26d	H7
CA1255CB	12	55	PX26d	H7
CA1255BV-2	12	55	PX26d	H7
CA1280	12	80	PX26d	-
CA2470	24	70	PX26d	H7
CA2470-BULK	24	70	PX26d	H7
CA2470TS	24	70	PX26d	H7
CA2470TS-BULK	24	70	PX26d	H7

H8

Halogen Bulb

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CE1235	12	35	PGJ19-1	H8

H9

Halogen Bulb

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CF1265	12	65	PGJ19-5	H9

H10

Halogen Bulb

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CH1245	12	45	PY20D	H10

H11

Halogen Bulbs

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CG1255	12	55	PGJ19-2	H11
CG1255X	12	55	PGJ19-2	H11
CG2470	24	70	PGJ19-2	H11

HB1 (9004)

Halogen Bulb

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CC1265/45X	12	65/45	P29t	HB1

Note

Halogen "BULK" bulbs supplied in boxes
P/N's ending in "- 2" bulbs supplied in pairs.

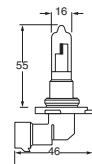


HB3 / HB4 / HB5 / HEADLAMP

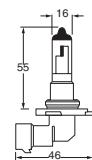


HB3 (9005) Halogen Bulbs

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CB1265	12	60	P20d	HB3
CB1265CB	12	60	P20d	HB3
CB1265XU-2	12	60	P20d	HB3



HB3



HB4

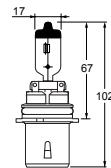
HB4 (9006) Halogen Bulbs

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CC1255	12	51	P22d	HB4
CC1255CB	12	51	P22d	HB4
CC1255XU-2	12	51	P22d	HB4



HB5 (9007) Halogen Bulb

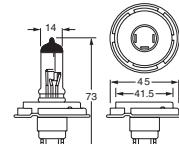
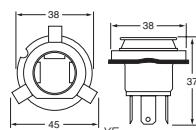
PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CC1265/55X	12	65/55	PX29t	HB5



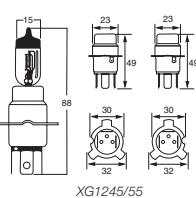
HB5

HALOGEN HEADLAMP BULBS

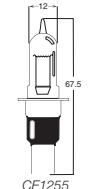
PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
XF1265/55	12	65/55	P43d	H6
XE1260/55	12	60/55	P45t	-
XE2475/70	24	70/75	P45t	-
XG1245/55	12	45/55	T15	-
XG1265/55	12	65/55	T15	-
CE1255	12	55	p22d	H3C



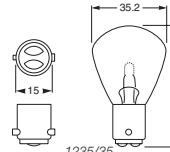
XE1260/55



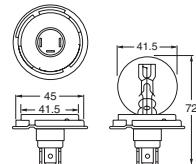
XG1245/55



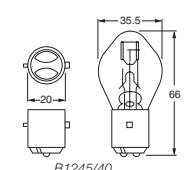
CE1255



1235/35



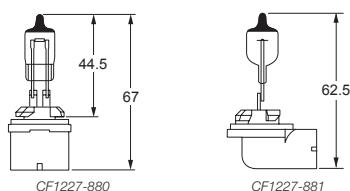
A1245/40



B1245/40

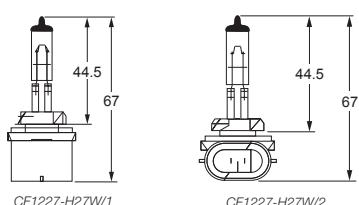
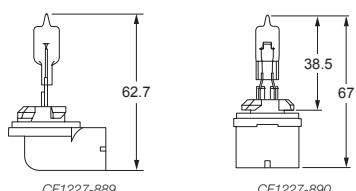
HEADLAMP BULBS

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
1235/35	12	35/35	BA15d	-
A1245/40	12	45/40	P45t-41	R2
A2455/50	24	55/50	P45t-41	R2
B1245/40	12	45/40	BA20d	-
B2445/40	24	45/40	BA20d	-

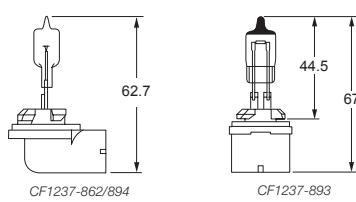


HALOGEN BULBS

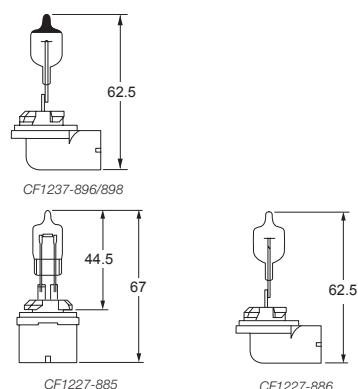
PART NO.	PICTURE	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
CF1227-880	4	12	27	PG13	880
CF1227-881	2	12	27	PGJ13	881
CF1227-889	1	12	27	PGJ13	889
CF1227-890	3	12	27	PG13	890



CF1227-H27W/1	4	12	27	PG13	H27W/1
CF1227-H27W/2	2	12	27	PGJ13	H27W/2



CF1237-862	1	12	37	PGJ13	862
CF1237-893	4	12	37	PG13	893
CF1237-894	1	12	37	PGJ13	894
CF1237-896	2	12	37	PGJ13	896
CF1237-898	2	12	37	PGJ13	898



CF1250-885	3	12	50	PG13	885
CF1250-886	1	12	50	PGJ13	886



CF1227-889
CF1237-862
CF1237-894
CF1250-886

CF1227-881
CF1227-H27W/2
CF1237-896
CF1250-885

CF1227-890
CF1250-885

CF1227-880
CF1227-H27W/1
CF1237-898



SIGNAL AND MARKER



INDICATOR AND STOP LAMP BULBS

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
R1218	12	18	BA15s	-
R1221	12	21	BA15s	P21W
R1221-BULK	12	21	BA15s	P21W
R1221LL	12	21	BA15s	P21W
RY1221*	12	21	BAU15s	PY21W
RY1221SV-2*	12	21	BAU15s	PY21W
R2418	24	18	BA15s	
R2421	24	21	BA15s	P21W
R2421-BULK	24	21	BA15s	P21W
R2421-HD	24	21	BA15s	P21W
R2421HD-BULK	24	21	BA15s	P21W
RY2421*	24	21	BAU15s	PY21W

HALOGEN INDICATOR AND STOP LAMP BULBS

RQ1221	12	21	BAY9s	H21W
RQ2421	12	21	BAY9s	H21W

STOP AND TAIL LAMP BULBS

S1221/5V	12	21/5	BAY15/d	P21/5W
S1221/5V-BULK	12	21/5	BAY15/d	P21/5W
S1221/5VLL	12	21/5	BAY15/d	P21/5W
S2421/5V	24	21/5	BAY15/d	P21/5W
S2421/5V-BULK	24	21/5	BAY15/d	P21/5W

EUROPEAN STOP/TAIL BULB

SZ1221/4	12	21/4	BAZ15d	-
INDICATOR AND STOP LAMP BULB				
FD1221	12	21	BAZ15d	-

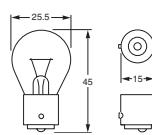
REAR POSITION, MARKER AND CLEARANCE BULBS

G125	12	5	BA15s	R5W
G125-BULK	12	5	BA15s	R5W
G125LL	12	5	BA15s	R5W
G1210	12	10	BA15s	R10W
G1210-BULK	12	10	BA15s	R10W
G245		5	BA15s	R5W
G245-BULK	24	5	BA15s	R5W
G245-HD	24	5	BA15s	R5W
G2410	24	10	BA15s	R10W
G2410-BULK	24	10	BA15s	R10W
G2410HD	24	10	BA15s	R10W
GD125	12	5	BA15d	R5W
GD245	24	5	BA15d	R5W

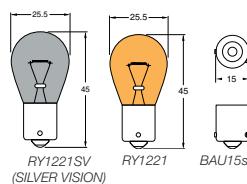
Note

Bulk bulbs (other than Halogen) are sold in packs of 10.

* Amber bulb



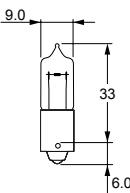
(Long Life)



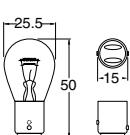
R1221

RY1221

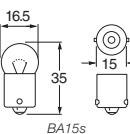
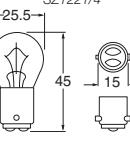
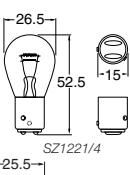
(Heavy Duty)



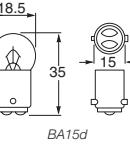
RQ1221

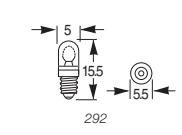
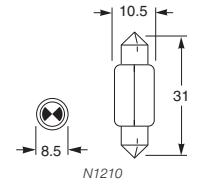
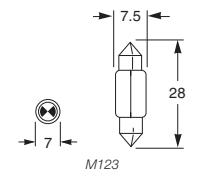
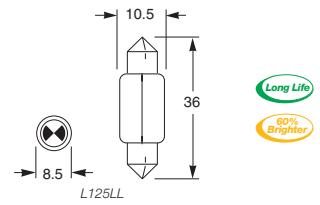
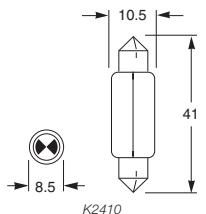
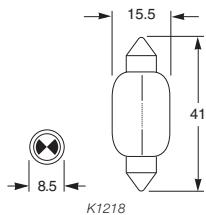


S1221/5



FD1221





FESTOON BULBS

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
K1210	12	10	SV8.5-8	-
K1210-BULK	12	10	SV8.5-8	-
K1218	12	18	SV8.5-8	-
K1221	12	21	SV8.5-8	C21W
K1221-BULK	12	21	SV8.5-8	C21W
K2410	24	10	SV8.5-8	-
K2410-BULK	24	10	SV8.5-8	-
K2418	24	18	SV8.5-8	-
K2418-BULK	24	18	SV8.5-8	-
K2421	24	21	SV8.5-8	-
K2421-BULK	24	21	SV8.5-8	-
L125	12	5	SV8.5-8	C5W
L125-BULK	12	5	SV8.5-8	C5W
L125LL	12	5	SV8.5-8	C5W
L126X	12	6	SV8.5-8	-
L1210	12	10	SV8.5-8	-
L245	24	5	SV8.5-8	C5W
L245-BULK	24	5	SV8.5-8	C5W
L2410	24	10	SV8.5-8	-
L2410-BULK	24	10	SV8.5-8	-
M123	12	3	SV7-8	-
M123-BULK	12	3	SV7-8	-
				-
M243	24	3	SV7-8	-
M243-BULK	24	3	SV7-8	-
N1210	12	10	SV8.5	-
N1210-BULK	12	10	SV8.5	-

Note Bulk bulbs (other than Halogen) are sold in packs of 10.

MINIATURE BULBS

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
292	12	2	E 5.5	-

Note Bulb to suit flasher switch 4206



SIGNAL AND MARKER



WEDGE BASE BULBS

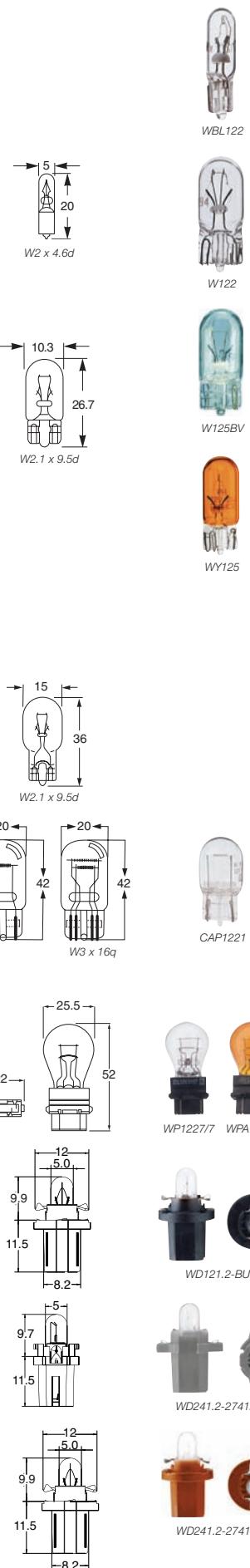
PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
W121.2	12	1.2	W2 x 4.6d	-
W121.2-BULK	12	1.2	W2 x 4.6d	-
WBL122	12	2	W2 x 4.6d	-
WS122	12	2	W2 x 4.6d	-
W241.2	24	1.2	W2 x 4.6d	-
W241.2-BULK	24	1.2	W2 x 4.6d	-
WS242	24	2	W2 x 4.6d	-
W122	12	2	W2.1 x 9.5d	-
W125	12	5	W2.1 x 9.5d	W5W
W125-BULK	12	5	W2.1 x 9.5d	W5W
W125LL	12	5	W2.1 x 9.5d	W5W
W125BV	12	5	W2.1 x 9.5d	W5W
W125BSV-2	12	5	W2.1 x 9.5d	
● WY125	12	5	W2.1 x 9.5d	WY5W
● WY125SV-2	12	5	W2.1 x 9.5d	-
W126X	12	6	W2.1 x 9.5d	-
W242-BULK	24	2	W2.1 x 9.5d	-
W245	24	5	W2.1 x 9.5d	W5W
W245-BULK	24	5	W2.1 x 9.5d	W5W
WS1212	12	12	W2.1 x 9.5d	-
W1216	12	16	W2.1 x 9.5d	-
W1221	12	21	W2.1 x 9.5d	-
CAP1221	12	21	W3 x 16d	-
CAP1221-BULK	12	21	W3 x 16d	-
● CAPY1221	12	21	W3 x 16d	-
● CAPY1221SV-2	12	21	W3 x 16d	-
CAP1221/5	12	21/5	W3 x 16q	-
CAP1221/5-BULK	12	21/5	W3 x 16q	-

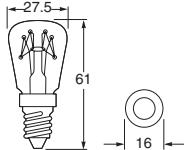
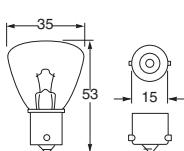
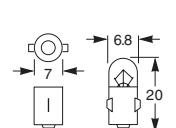
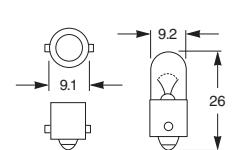
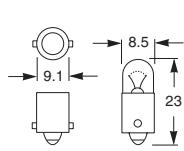
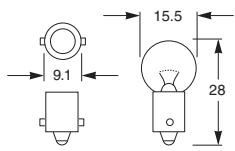
PLASTIC BASED

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	CATEGORY
WP1227	12	27	W2.5x16d	-
WP1227/7	12	27/7	W2.5x16d	-
● WPA1227/7	12	27/7	W2.5x16d	-
				-
WD121.2-BULK	12	1.2	B8.5d	-
WD241.2-BULK	24	1.2	B8.5d	
WD241.2-2741MF8	24	1.2	BX8.5d	
WD241.2-2741MF8	24	1.2	B8.5d	

Note

Bulk bulbs (other than Halogen) are sold in packs of 10.





PILOT / DASH

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
H122	12	2	BA9s	-
H123	12	3	BA9s	-
H123-BULK	12	3	BA9s	-
H126	12	6	BA9s	-
H126-BULK	12	6	BA9s	-
H1210	12	10	BA9s	-
H242	24	2	BA9s	-
H242-BULK	24	2	BA9s	-
HL124	12	4	BA9s	T4W
HL124-BULK	12	4	BA9s	T4W
HL124BV	12	4	BA9s	T4W
HL126X	12	6	BA9s	-
HL244	24	4	BA9s	T4W
HL244-BULK	24	4	BA9s	T4W
HL247	24	7	BA9s	-
J122	12	2	BA7s	-
J243	24	3	BA7s	-

SPECIAL BULBS FOR EMERGENCY FLASHER AND REVOLVING LAMPS

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE
U1245	12	45	BA15s
U2445	24	45	BA15s
240/25	240	25	E14

Note Bulk bulbs (other than Halogen) are sold in packs of 10.

FLUORESCENT TUBE

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE
9.2642.02	12/24	7	-
9.2643.02	12/24	11	
TL8W/336J	12/24	8	

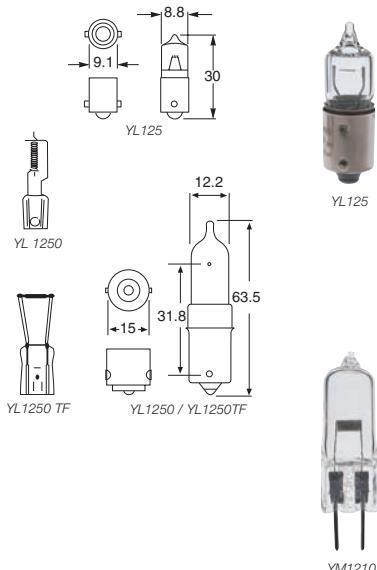


HALOGEN / STROBE / XENON (HID)



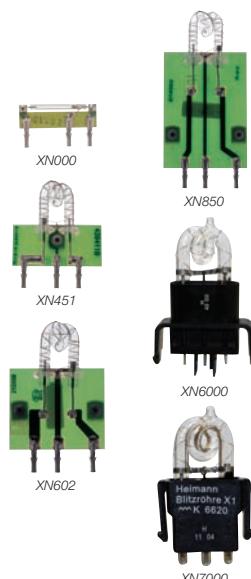
HALOGEN BULBS

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
YL125	12	5	BA9s	
YL126	12	6	BAX9s	H6W
YL1220	12	20	BA9s	
YL1250	12	50	BA15s	
YL1250TF	12	50	BA15s	
YM125	12	5	G4	
YM1210	12	10	G4	
YM1220	12	20	G4	
YM2410	24	10	G4	
YM2420	24	20	G4	



STROBE

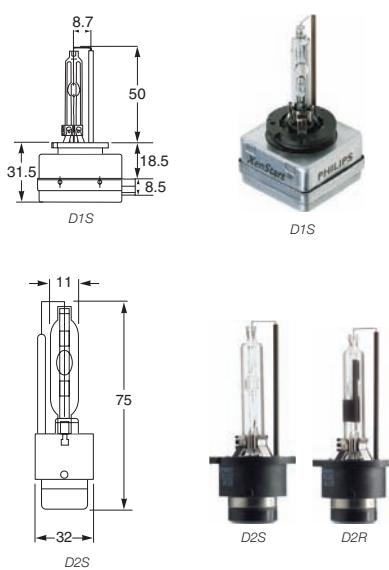
PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	
XN000	12-72	2 Joules	Circuit Board	
XN451	12-48	8 Joules	Circuit Board	
XN602	12-48	12 Joules	Circuit Board	
XN850	12-48	12 Joules	Circuit Board	
XN6000	12/24	10+2 Joules	-	
XN7000	12/24	10+2 Joules	X1	



XENON GAS DISCHARGE (HID)

PART NO.	VOLTAGE (V)	POWER CONSUMPTION (W)	BASE	ADR 51/00 CATEGORY
D1R	12/24	35	PK32d-3	D1R
D1S	12/24	35	PK32d-2	D1S
D2R	12/24	35	P32d-3	D2R
D2S	12/24	35	P32d-2	D2S
D2R-5K	12/24	35	P32d-3	D2R
D2S-5K	12/24	35	P32d-2	D2S

Whiter
Whiter



Note See page 212 for further information on HID bulbs.