

*“Advanced
technology
to suit your
needs”*

Automotive Bulbs

Our comprehensive range of bulbs covers many specialist applications including Bulbs for Heavy Duty, LongLife, Luminous Intensity Upgrade, Truckstar® and Xenon Ultra.

These advanced technology, specialist bulbs are designed to optimise your lighting systems for safer driving and fatigue reduction after darkness.



Automotive Bulbs

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**SAFETY through
Vision and Innovation**

Advanced Illumination



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. There's a Hella bulb that meets every requirement perfectly.

Incandescent Bulbs

Incandescent bulbs produce light when an electric current passes through a thin filament, heating it and causing it to emit light. 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, diminishing transmission. An incandescent bulb is about 25% as efficient as a fluorescent lamp.

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. About 30% more efficient than an incandescent bulb.

Xenon Gas Discharge Bulbs

Xenon bulbs use an electric 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

Over twice the light output when compared to standard Halogen bulbs while consuming 23% power consumption – 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.

Maximising Bulb Life

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

Rule of thumb

- 5% over-voltage halves the bulb life.
- Headlamp bulbs are rated at 13.2 volts.
Signal & Marker bulbs are rated at 13.5 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.
- Overvoltage causes excessive tungsten erosion and significantly shortens bulb life.

Incandescent Bulb
S1221/5



Halogen Bulb
XD1260/55



Xenon Gas
Discharge Bulb D2S



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. They also have 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 are UV-reduced which means the bulbs are safe for use in modern headlamps with polycarbonate lenses.



Replacement Bulbs

If you wish to improve the performance of your headlamps, you can replace your bulbs with upgrade bulbs, such as the Ultra Plus and Cool Blue bulbs. However, these replacement bulbs must still comply with New Zealand Lighting Rules. A compliant lamp (headlamp or tail lamp) must also have an approved light source if the light source is replaceable.

Most Hella bulbs will be marked with an 'E' mark to show compliance. Some, to suit older vehicles or imports not originally destined for our market, may have different standards such as JIS (Japanese Industrial Standard). Hella shows compliant bulbs under the category column in the bulb section.

LED Replacement Bulbs

These are generally illegal as they do not come with any compliance. If the LED bulb has been tested in a specific lamp to an approved standard (with supporting documentation) then it may be allowed. While, for example, the rear position lamp may come close to fulfilling the light output requirements, the stop light function is generally well under the minimum required, making the vehicle dangerous to other road users.

You need to ensure lighting equipment complies with the law and meets approved standards – otherwise you risk failing your next warrant/certificate of fitness inspection.



Light Output	
Operating Voltage %	Light Output %
85	53
90	67
95	83
100	100

Based on a mean operating voltage of 100% = 13.5V or 28V.

As the operating voltage drops, so does the light output. If voltage drops from 13.5V to 12.8V (-5%) then light output drops to 83%.







Halogen Headlamp Bulbs

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Xenon Gas Discharge Bulbs (HID)

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Conventional Signal and Marker Bulbs

Bayonet  Page 257	Wedge  Page 258	Festoon  Page 260	Plastic Base  Page 261
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Cool Blue (CB) and Blue Vision (BV) – Whiter

These bulbs come closest to emulating a Xenon gas discharge lamp. Cool Blue's high colour temperature creates the cool white light which provides illumination that is conspicuous and easy on the eye.

Upgrade Bulbs							
Bulb	Category	Part No.	ADR COMPLIANCE	Voltage	Power Consumption	Base	Page
Blue 4000							
	H1	C1255CB	ADR COMPLIANCE	12V	55W	P14.5s	252
	H3	YC1255CB	ADR COMPLIANCE	12V	55W	PK22s	252
	H4	XD1260/55CB	ADR COMPLIANCE	12V	60/55W	P43t	251
	H7	CA1255CB	ADR COMPLIANCE	12V	55W	PX26d	251
	HB3	CB1265CB	ADR COMPLIANCE	12V	65W	P20d	254
	HB4	CC1255CB	ADR COMPLIANCE	12V	55W	P22d	254
	T4W	HL124BV	ADR COMPLIANCE	12V	4W	BA9s	259
	W5W	W125BV	ADR COMPLIANCE	12V	5W	W2.1 x 9.5d	258



LongLife (LL) - Up to Twice the life

LongLife (LL) bulbs are increasing in popularity for applications such as taxis and drivers using headlamps during the day. Many new vehicles now come equipped with LongLife bulbs as a standard fitment. The bulbs will provide safe and compliant light output and can be rated up to twice the life of standard bulbs.

Upgrade Bulbs							
Bulb	Category	Part No.	ADR COMPLIANCE	Voltage	Power Consumption	Base	Page
LongLife							
	H1	C1255LL	ADR COMPLIANCE	12V	55W	P14.5s	252
	H3	YC1255LL	ADR COMPLIANCE	12V	55W	PK22s	252
	H4	XD1260/55LL	ADR COMPLIANCE	12V	60/55W	P43t	251
	H7	CA1255LL	ADR COMPLIANCE	12V	55W	PX26d	251
	R5W	G125LL	ADR COMPLIANCE	12V	5W	BA15s	259
	C5W	L125LL	ADR COMPLIANCE	12V	5W	SV8.5-8	260
	P21W	R1221LL	ADR COMPLIANCE	12	21W	BA15s	257
	P21/5W	S1221/5VLL	ADR COMPLIANCE	12	21/5W	BAY15d	257
	W5W	W125LL	ADR COMPLIANCE	12	5W	W2.1 x 9.5d	258
	894	CF1237-894		12	37.5W	PGJ13	255
	898	CF1237-898		12	37.5W	PGJ13	255

BULBS



Xenon (X) - Up to + 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.

Upgrade Bulbs

Bulb	Category	Part No.	ADR COMPLIANCE	Voltage	Power Consumption	Base	Page
Xenon							
	H1	C1255X	ADR COMPLIANCE	12V	55W	P14.5s	252
	H3	YC1255X	ADR COMPLIANCE	12V	55W	PK22s	252
	H4	XD1260/55X	ADR COMPLIANCE	12V	60/55W	P43t	251
	H7	CA1255X	ADR COMPLIANCE	12V	55W	PX26d	251
	HB1	CC1265/45X	ADR COMPLIANCE	12V	65/45W	P29t	254
	HB5	CC1265/55X	ADR COMPLIANCE	12V	60/55W	PX29t	254
	H11	CG1255X	ADR COMPLIANCE	12V	55W	PGJ19-2	253



Xenon Ultra (XU) - Up to + 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.

Upgrade Bulbs

Bulb	Category	Part No.	ADR COMPLIANCE	Voltage	Power Consumption	Base	Page
Xenon Ultra							
	H1	C1255XU	ADR COMPLIANCE	12V	55W	P14.5s	252
	H3	YC1255XU	ADR COMPLIANCE	12V	55W	PK22s	252
	H4	XD1260/55XU	ADR COMPLIANCE	12V	60/55W	P43t	251
	H7	CA1255XU	ADR COMPLIANCE	12V	55W	PX26d	251
	HB3	CB1265XU-2	ADR COMPLIANCE	12V	65W	P20d	254
	HB4	CC1255XU-2	ADR COMPLIANCE	12V	55W	P22d	254



Xenon Ultra (XU) - Up to + 90% brighter

Ultra Plus is the ideal lamp for drivers who want to be safer with more light on the road. This Halogen lamp produces up to 90% more light on the road, has a beam that is up to 35 metres longer and provides light that is up to 10% whiter.

Upgrade Bulbs							
Bulb	Category	Part No.	ADR COMPLIANCE	Voltage	Power Consumption	Base	Page
Xenon Ultra							
	H1	C1255UP	ADR COMPLIANCE	12V	55W	P14.5s	252
	H3	YC1255UP	ADR COMPLIANCE	12V	55W	PK22s	252
	H4	XD1260/55UP	ADR COMPLIANCE	12V	60/55W	P43t	251
	H7	CA1255UP	ADR COMPLIANCE	12V	55W	PX26d	251



Truckstar®

At night, truck drivers need the best possible light on the road ahead. Truckstar® out performs conventional 24V bulbs, allowing drivers to concentrate on the essentials. With its extremely long life and robust construction, it also saves on replacements, downtime and fleet costs.

Upgrade Bulbs							
Bulb	Category	Part No.	ADR COMPLIANCE	Voltage	Power Consumption	Base	Page
Truckstar®							
	H1	C2470TS	ADR COMPLIANCE	24V	70W	P14.5s	252
	H3	YC2470TS	ADR COMPLIANCE	24V	70W	PK22s	252
	H4	XD2475/70TS	ADR COMPLIANCE	24V	75/70W	P43t	251
	H7	CA2470TS	ADR COMPLIANCE	24V	70W	PX26d	251
	R5W	G245-TS	ADR COMPLIANCE	24V	5W	BA15s	259
	R10W	G2410-TS	ADR COMPLIANCE	24V	10W	BA15s	259
	T4W	HL244-TS	ADR COMPLIANCE	24V	4W	BA9s	259
	P21W	R2421-TS	ADR COMPLIANCE	24V	21W	BA15s	257

Xenon Gas Discharge Lamps

Advantages of Xenon Light

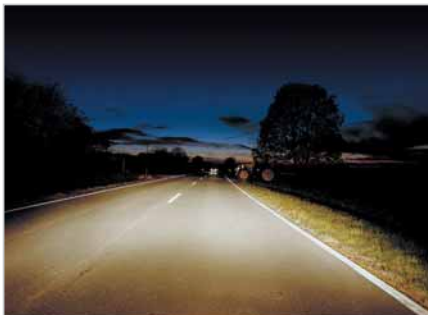
Xenon systems provide the best light available in terms of both quality and quantity. The optimum light distribution in all driving situations is guaranteed by the prescribed additional systems (cleaning systems and automatic headlight range adjustment for ECE compliant lamps). The Xenon light is ignited and maintained between two electrodes. A complex electronic ballast is required for this process.

Advantages of Xenon light compared to Halogen bulbs are:

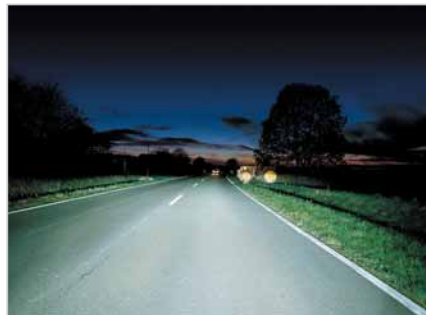
- Over twice the luminous flux (light quantity/light power).
- High light output (photometric efficiency).
- Significantly lower power consumption of only 35W (plus 7W for ballast).
- Lower thermal load on the system.
- Considerably longer service life.
- The light colour almost corresponds to daylight.

Additional regulations for Xenon low beam

The high light power in particular is taken into account in the ECE approval regulations. In the ECE region, headlights with Xenon low beam may only be used in conjunction with automatic or dynamic headlight range adjustment and a headlight cleaning system.



Illumination with good low beam



Illumination with Xenon low beam

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 30kV in 4th 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.



D2R



D2S



D1R



D1S

Comparison between filament bulb (Halogen) and a light arc Gas Discharge lamp (Xenon):

	Halogen Bulb (H7)	Gas Discharge Lamp (HID)
Light source:	Filament	Light arc
Luminance:	1450 cd/m ²	3000 cd/m ²
Capacity:	55W	35W
Energy balance:	8% light radiation 92% heat radiation	28% light radiation 58% heat radiation 14% UV radiation
Service life:	Approx. 500 hours	Approx. 2500 hours
Vibration-proof:	To a certain extent	Yes
Ignition voltage:	No	Yes 23000V (3rd generation)
Electronic control:	No	Yes



Illumination with Halogen low beam



Illumination with Xenon low beam

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 the process tried 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 on 12V systems.

If the voltage 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.

Xenon Gas Discharge (HID) conversions

Available from the internet and other suppliers are HID conversion kits which swap the Halogen bulb and replace it with a non-compliant HID bulb. This illegal and dangerous combination can cause excessive glare and leads to an enormous hazard for other road users. These conversion kits are illegal to use on public roads in New Zealand. (Refer to <http://www.nzta.govt.nz> and 'Get your lights right')

HID conversion kits (an HID bulb with a high voltage power unit or 'ballast' which fits into the original headlamp unit in place of the original Halogen bulb with no change to the headlamp lens, reflector or housing) are illegal on any vehicle being used on New Zealand roads.

Tips for dealing with HID electronic ballasts

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

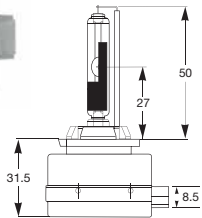
- Lack of voltage supply.
- Lack of ground connection.
- Faulty electronics in the device.
- Internal short-circuits.



D1R



PK32d-2



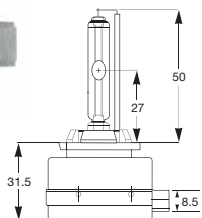
D1		Xenon Gas Discharge Bulbs (HID)		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
D1R	12/24	35	PK32d-3	D1R
D1S	12/24	35	PK32d-2	D1S



D1S



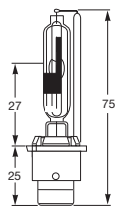
PK32d-2



D2R



P32d-3



D2		Xenon Gas Discharge Bulbs (HID)		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
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

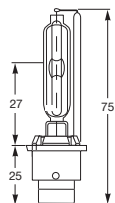
Note See page 248 for further information on HID bulbs.



D2S



P32d-2



P32d-2

D2S		Xenon Gas Discharge Bulbs (HID) - Amber		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
HMxN4YEL	12/24	35		

H4		Halogen Bulbs		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
<i>XD1260/55</i>	12	60/55	P43t	H4
<i>XD1260/55-BULK</i>	12	60/55	P43t	H4
<i>XD1260/55LL</i>	12	60/55	P43t	H4
<i>XD1260/55X</i>	12	60/55	P43t	H4
<i>XD1260/55X-BULK</i>	12	60/55	P43t	H4
<i>XD1260/55XU</i>	12	60/55	P43t	H4
<i>XD1260/55UP</i>	12	60/55	P43t	H4
<i>XD1260/55CB</i>	12	60/55	P43t	H4
<i>XD12100/90</i>	12	100/90	P43t	H4
<i>XD12100/90-BULK</i>	12	100/90	P43t	H4
<i>XD2475/70</i>	24	75/70	P43t	H4
<i>XD2475/70-BULK</i>	24	75/70	P43t	H4
<i>XD2475/70TS</i>	24	75/70	P43t	H4
<i>XD2475/70TS-BULK</i>	24	75/70	P43t	H4
<i>XD24100/90</i>	24	100/90	P43t	H4
<i>XD24100/90-BULK</i>	24	100/90	P43t	H4

LongLife

30% Brighter

30% Brighter

50% Brighter

90% Brighter

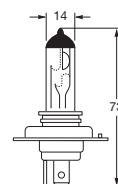
Whiter

Truckstar

Truckstar



XD1260/55UP



P43t



XD1260/55X



XD2475/70

H7		Halogen Bulbs		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
<i>CA1255</i>	12	55	PX26d	H7
<i>CA1255-BULK</i>	12	55	PX26d	H7
<i>CA1255LL</i>	12	55	PX26d	H7
<i>CA1255X</i>	12	55	PX26d	H7
<i>CA1255XU</i>	12	55	PX26d	H7
<i>CA1255UP</i>	12	55	PX26d	H7
<i>CA1255CB</i>	12	55	PX26d	H7
<i>CA1280</i>	12	80	PX26d	H7
<i>CA2470</i>	24	70	PX26d	H7
<i>CA2470-BULK</i>	24	70	PX26d	H7
<i>CA2470TS</i>	24	70	PX26d	H7
<i>CA2470TS-BULK</i>	24	70	PX26d	H7

LongLife

30% Brighter

50% Brighter

90% Brighter

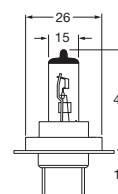
Whiter

Truckstar

Truckstar



CA1255UP



PX26d



CA2470TS

Note Only bulbs marked in the category section, 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.



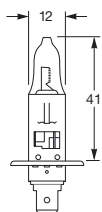
C1255UP



C1255CB



P14.5s



- LongLife
- 30% Brighter
- 50% Brighter
- 90% Brighter
- Whiter

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
C1255XU	12	55	P14.5s	H1
C1255UP	12	55	P14.5s	H1
C1255CB	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	-

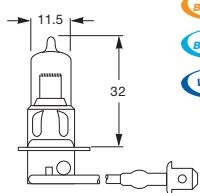
- Truckstar
- Truckstar



YC1255UP



PK22s



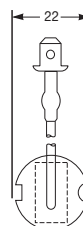
- LongLife
- 30% Brighter
- 50% Brighter
- 90% Brighter
- Whiter

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
YC1255UP	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	-

- Truckstar
- Truckstar



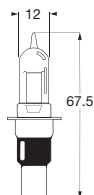
YC2470TS



CE1255

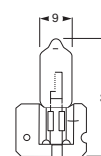


p22d

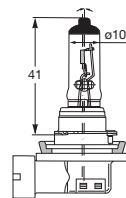


H3C	Halogen Bulbs			
Part No.	Voltage (V)	Power Consumption (W)	Base	Category
CE1255	12	55	p22d	H3C

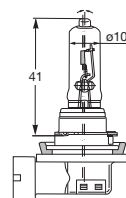
H2		Halogen Bulbs		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
CD1255	12	55	X511	H2
CD2470	24	70	X511	H2



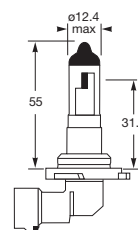
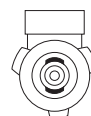
H8		Halogen Bulb		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
CE1235	12	35	PGJ19-1	H8



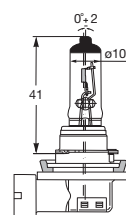
H9		Halogen Bulb		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
CF1265	12	65	PGJ19-5	H9



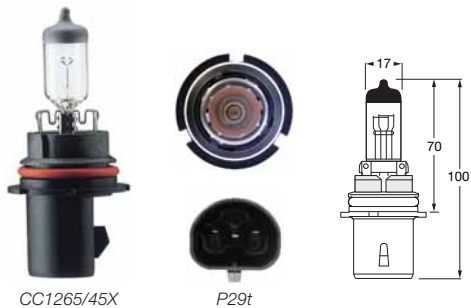
H10		Halogen Bulb		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
CH1242	12	42	PY20D	H10



H11		Halogen Bulbs		
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
CG1255	12	55	PGJ19-2	H11
CG1255X	12	55	PGJ19-2	H11
CG2470	24	70	PGJ19-2	H11



Note Only bulbs marked in the category section, 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



HB1 (9004) Halogen Bulb

Part No.	Voltage (V)	Power Consumption (W)	Base	Category
CC1265/45X	12	65/45	P29t	HB1

30% Brighter



HB3 (9005) Halogen Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	Category
CB1265	12	65	P20d	HB3
CB1265CB	12	65	P20d	HB3
CB1265XU-2	12	65	P20d	HB3

Whiter

50% Brighter



HB4 (9006) Halogen Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	Category
CC1255	12	55	P22d	HB4
CC1255CB	12	55	P22d	HB4
CC1255XU-2	12	55	P22d	HB4

Whiter

50% Brighter



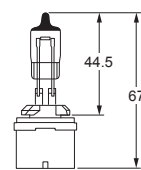
HB5 (9007) Halogen Bulb

Part No.	Voltage (V)	Power Consumption (W)	Base	Category
CC1265/55X	12	65/55	PX29t	HB5

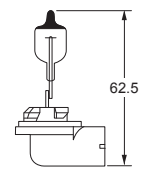
30% Brighter

800 Series

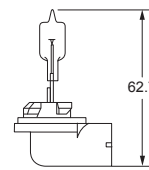
Part No.	Picture	Voltage (V)	Power Consumption (W)	Base	Category
CF1227-880	4	12	27	PG13	880
CF1227-881	2	12	27	PGJ13	881
CF1227-889	1	12	27	PGJ13	889
CF1227-890	3	12	27	PG13	890



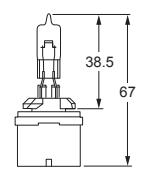
CF1227-880



CF1227-881

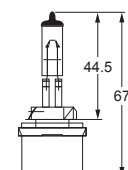


CF1227-889

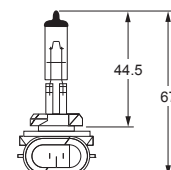


CF1227-890

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



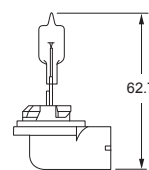
CF1227-H27W/1



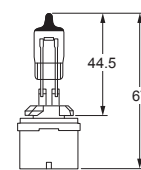
CF1227-H27W/2

CF1237-862	1	12	37.5	PGJ13	862
CF1237-893	4	12	37.5	PG13	893
CF1237-894	1	12	37.5	PGJ13	894
CF1237-896	2	12	37.5	PGJ13	896
CF1237-898	2	12	37.5	PGJ13	898

LongLife

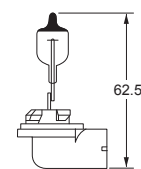


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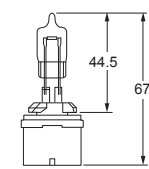
CF1237-893

LongLife

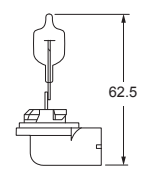


CF1237-896/898

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



CF1250-885



CF1250-886



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



CF1227-881
CF1227-H27W/2
CF1237-896
CF1237-898



CF1227-890
CF1250-885



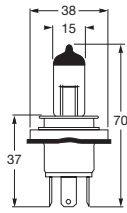
CF1227-880
CF1227-H27W/1
CF1237-893



XF1265/55



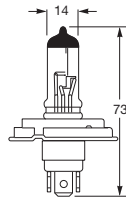
P43d



XE1260/55



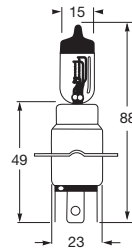
P45t



XG1245/55



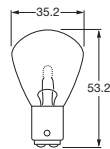
T15



1235/35



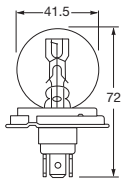
BA15d



A1245/40



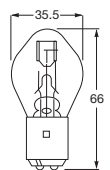
P45t-41



B1245/40



BA20D



Halogen Headlamp Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
<i>XF1265/55</i>	12	65/55	P43d	H6
<i>XE1260/55</i>	12	60/55	P45t	
<i>XE2475/70</i>	24	70/75	P45t	
<i>XG1245/55</i>	12	45/55	T15	
<i>XG1265/55</i>	12	65/55	T15	

Headlamp Bulbs

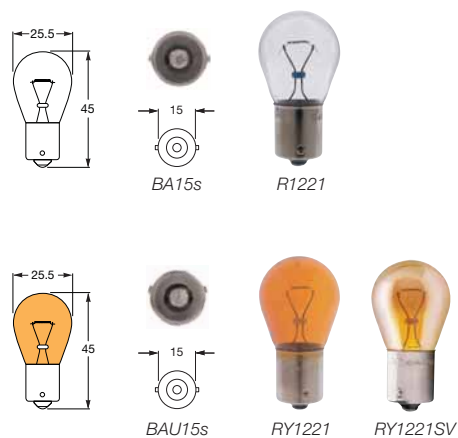
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
<i>1235/35</i>	12	35/35	BA15d	
<i>A1245/40</i>	12	45/40	P45t-41	R2
<i>A2455/50</i>	24	55/50	P45t-41	R2
<i>B1245/40</i>	12	45/40	BA20d	

Bayonet Indicator and Stop Lamp Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
R1221	12	21	BA15s	P21W
R1221-BULK	12	21	BA15s	P21W
R1221LL	12	21	BA15s	P21W
RY1221	12	21	BAU15s	PY21W
RY1221-BULK	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-TS	24	21	BA15s	P21W
R2421HD-BULK	24	21	BA15s	P21W
RY2421	24	21	BAU15s	PY21W

LongLife

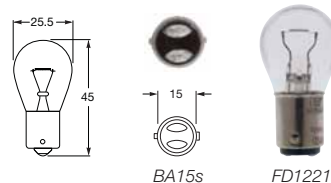
TrucksStar



Note P/N's ending in '- 2' bulbs supplied in pairs.

Bayonet Indicator and Stop Lamp Bulb

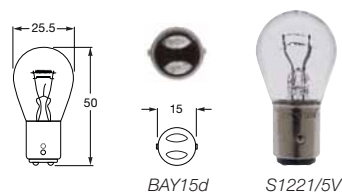
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
FD1221	12	21	BA15s	



Bayonet Stop and Tail Lamp Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
S1221/5V	12	21/5	BAY15d	P21/5W
S1221/5V-BULK	12	21/5	BAY15d	P21/5W
S1221/5VLL	12	21/5	BAY15d	P21/5W
S2421/5V	24	21/5	BAY15d	P21/5W
S2421/5V-BULK	24	21/5	BAY15d	P21/5W

LongLife



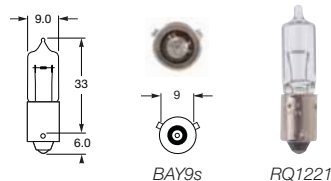
Bayonet European Stop/Tail Lamp Bulb

Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
SZ1221/4	12	21/4	BAZ15d	P21/4W



Bayonet Halogen Indicator and Stop Lamp Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
RQ1221	12	21	BAY9s	H21W
RQ2421	24	21	BAY9s	H21W



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



Wedge Base Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
CAP1221	12	21	W3 x 16d	W21W
CAP1221-BULK	12	21	W3 x 16d	W21W
CAPY1221	12	21	W3 x 16d	WY21W
CAPY1221SV-2	12	21	W3 x 16d	WY21W
CAP1221/5	12	21/5	W3 x 16q	W21/5W
CAP1221/5-BULK	12	21/5	W3 x 16q	W21/5W



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	2.2	W2.1 x 9.5d	
W123	12	3	W2.1 x 9.5d	W3W
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	
W243	24	3	W2.1 x 9.5d	W3W
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	W16W
W1221	12	21	W2.1 x 9.5d	



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

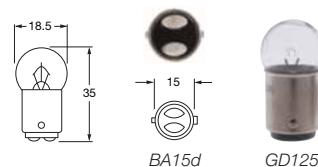
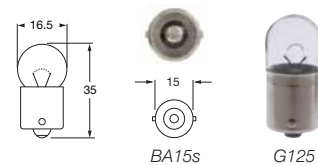
Rear Position, Marker and Clearance Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
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	24	5	BA15s	R5W
G245-BULK	24	5	BA15s	R5W
G245-TS	24	5	BA15s	R5W
G2410	24	10	BA15s	R10W
G2410-BULK	24	10	BA15s	R10W
G2410-TS	24	10	BA15s	R10W
GD125	12	5	BA15d	R5W
GD245	24	5	BA15d	R5W

LongLife

Truckstar

Truckstar

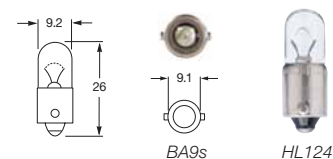
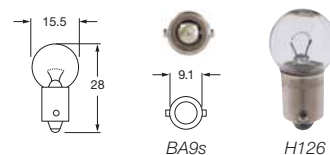


Pilot/Dash Bulbs

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
HL244-TS	24	4	BA9s	T4W
HL247	24	7	BA9s	

Whiter

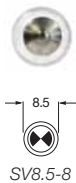
Truckstar



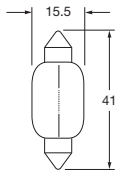
Note Bulk bulbs (other than Halogen) are sold in packs of 10.



K1221



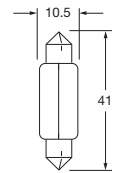
SV8.5-8



K2410



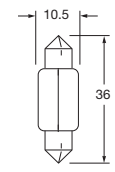
SV8.5-8



L125LL



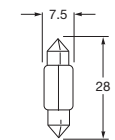
SV8.5-8



M123



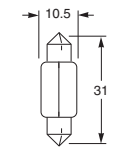
SV7-8



N1210



SV8.5



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	
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	
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
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	

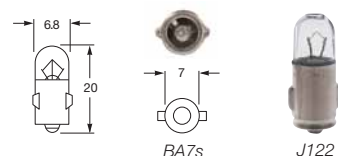
Note Bulk bulbs (other than Halogen) are sold in packs of 10.

Miniature Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	Category
292	12	2	E 5.5	



J122	12	2	BA7s	
J243	24	3	BA7s	



Plastic Based Bulbs

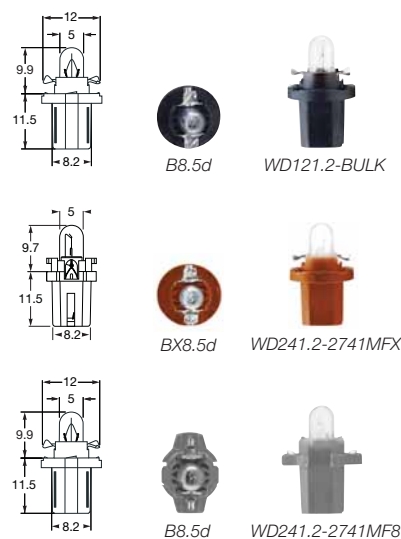
Part No.	Voltage (V)	Power Consumption (W)	Base	Category
WP1227	12	27	W2.5 x 16q	P27W
WP1227/7	12	27/7	W2.5 x 16q	P27/7W
WPA1227/7	12	27/7	W2.5 x 16q	P27/7W



Dashboard Bulbs

Part No.	Voltage (V)	Power Consumption (W)	Base	Category
WD121.2-BULK	12	1.2	B8.5d	
WD241.2-BULK	24	1.2	B8.5d	
WD241.2-2741MFX	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.



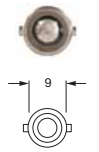
Hella Bulb Cabinet



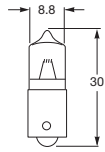
For further information about Hella Bulb Cabinets please contact your Hella representative.



YL125



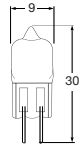
BA9s/BAX9s



YM1210



G4



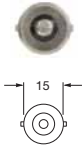
Halogen Bulbs/Interior

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	

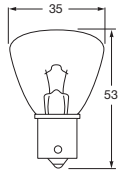
YM125	12	5	G4	
YM1210	12	10	G4	
YM1220	12	20	G4	
YM2410	24	10	G4	
YM2420	24	20	G4	



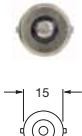
U1245



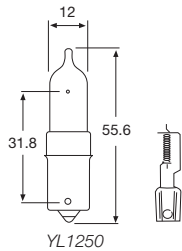
BA15s



YL1250



BA15s

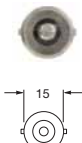


Special Bulbs for Emergency Flasher and Revolving Lamps

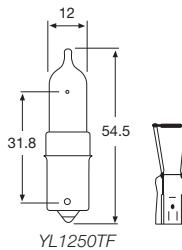
Part No.	Voltage (V)	Power Consumption (W)	Base	ADR 51/00 Category
U1245	12	45	BA15s	
U2445	24	45	BA15s	
YL1250	12	50	BA15s	
YL1250TF	12	50	BA15s	



YL1250TF



BA15s



Fluorescent Tubes

Part No.	Voltage (V)	Power Consumption (W)	Lamps to Suit	
9.2642.02	12/24	7	2642	2642-24V
9.2643.02	12/24	11	2643	2643-24V
TL8W/336J	12/24	8	2644	2644-24V



Strobe Tubes

Part No.	Voltage (V)	Power Consumption (W)	Base	Lamps to Suit
XN000	12-72	2 Joules	Circuit Board	Firebolt
XN451	12-48	8 Joules	Circuit Board	Pulsator 451
XN602	12-48	12 Joules	Circuit Board	602 Series
XN850	12-48	12 Joules	Circuit Board	851 Series
XN6000	12/24	10+2 Joules		KLX Junior
XN7000	12/24	10+2 Joules	X1	KLX 7000

