



BULBS
CATALOG 2019-2020

**FIRST
EDITION**



HELLA Automotive Sales, Inc.

SIMPLY BRILLIANT

SAFETY ON BOARD - HELLA BULBS

Dear customers:

In this first edition of the HELLA light bulb catalog, we have integrated new product families: LED bulbs, new xenon lamps and new special bulbs in blister pack presentation, in addition we include Emergency Sets with bulbs and fuses.

The specific standards that we apply to our wide range of bulbs allows us to offer you: diversity of products in standard halogen bulbs or, special high-performance bulbs (design-oriented) to xenon and LED light, which are subjected to rigorous tests high quality provide an optimal level of light output, even in the most adverse weather conditions.

This ensures that our products are durable and high performance, not only have the lowest possible failure rates, but they are also significantly brighter.

**FIRST
EDITION**

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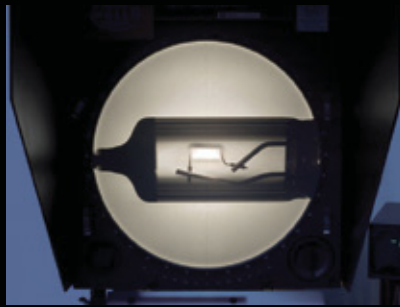
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HELLA BULBS

Simulations and calculations have been used to support the development of headlights for many years. However, this information alone can not replace the actual impression of lighting as seen in the largest European Light test center in HELLA facilities Lippstadt, Germany.





Geometrical Measurement

A measuring projector is used to check the filament geometry - with regard to the statutory standards in accordance with IEC 60810. The filament must be dimensioned and positioned within bulb specifications.



Vibration and Shock Test

Here, vibration resistance of the bulb and the filament in particular, are tested on an electrodynamic vibration table.



Life Test

Sophisticated tests are used to prove the high reliability of the HELLA bulbs over a long period.



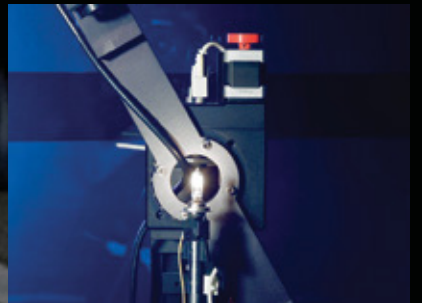
Paint Adhesion Test

The adhesion of paint on colored glass bulbs - such as the PY21W for example - are tested in a climate chamber at different temperatures and air humidities. Optimum adhesion of glass bulb paint guarantees the prescribed amber indicator light over the whole service life period.



Light Flux Measurement

The Ulbricht sphere and goniometer are used to determine the light fluxes and luminous intensities of the HELLA bulbs.



All the aforementioned tests and the forms of light measurement require technical capacity that can only be found in HELLA production plants.

Compliance with World Class Standards



DOT



ARAI
Progress through Research

SAE
INTERNATIONAL

Q
L.S.A. OCP 0009

INMETRO

SCC

HELLA HALOGEN BULBS

PRODUCT RANGE



Standard



+50



Long Life

STANDARD

HELLA standard halogen bulbs provide a quality of original equipment manufacturer and great value for your money. The optimal balance between performance and service life. With SAE / ECE and INMETRO approval (when applicable).

- Halogen and Miniature See page 42

- Emergency Set See page 35

- LED Miniature bulbs See page 36

- Bulbs for Motorcycles See page 54

PERFORMANCE

Our bulbs are establishing new reference points for halogen lighting, making driving safer and more pleasant, providing a beam of light with greater intensity compared to HELLA Standard bulbs. The opaque silver lid offers an elegant look in the clear glass headlights

- High Performance 2.0 See page 46
- +50 See page 47

LONG LIFE

HELLA Long Life halogen bulbs have a long service life up to 2 times longer than HELLA standard bulbs and are more environmentally friendly, as they do not have to be replaced frequently. Provides an optimal value for your money and the best selection for frequent travelers.

See page 45



Clear Blue

Xtreme Yellow

High Performance 2.0

OPTILUX Extreme White XB

HEAVY DUTY / DOUBLE POWER

Double power of 24V produces the light by means of a single filament. Heavy duty bulbs offer more power, more safety, without dazzling traffic.

The double power reduces costs by increasing the life of up to 100%.

- Heavy Duty See page 51
- Double Power See page 51

HIGH WATTAGE

It offers more light, with double brightness compared to HELLA standard halogen bulbs and greater luminous efficiency, its Special filament guarantees safety and relaxed driving in off-road conditions.













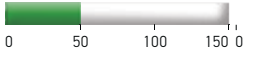








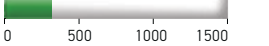
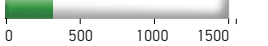







Note: Take into account that due to the high wattage it can generate on heating the wiring of the headlight.

See page 50











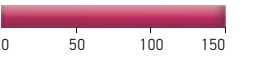
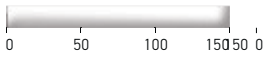


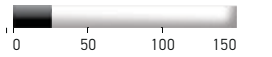




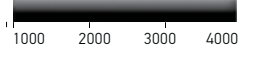

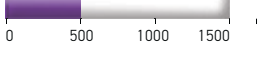
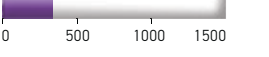
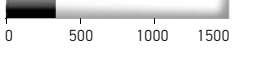
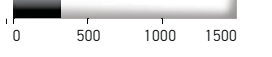





DESIGN

Our design bulbs meet special requirements regarding design and safety. The xenon-like effect makes whiter light the correct alternative for design-oriented drivers. Our range of products:

- Clear Blue See page 49
- Xtreme Yellow See page 48
- OPTILUX See page 52

STANDARD	PERFORMANCE		LONG LIFE	HEAVY DUTY
Standard	High Performance 2.0	+50	Long Life	Heavy Duty Double Power
				
				
<p>Features: 12 V / 24 V Best mixture of light output and reliability. Original equipment quality with excellent luminous efficiency and the best quality / price ratio. Meets global standard (ECE R37 & SAE/DOT and INMETRO regulation).</p>	<p>Features: 12 V Up to 100% more light than HELLA standard bulbs Meets global standard (ECE R37 & SAE/DOT and INMETRO regulation). Specially designed by halogen mixing gas & filament.</p>	<p>Features: 12 V Up to 50% more light output than HELLA standard bulbs Meets global standard (ECE R37 & SAE/DOT and INMETRO regulation). Filament design optimized. Wider and brighter light OE quality. With silver top coating to be invisible in the headlight</p>	<p>Features: 12 V / 24 V Up to 200% longer life time than HELLA standard bulbs. Special mixture of halogen gases to achieve high durability and increase lifetime. Meets global standard (ECE R37 & SAE/DOT regulation).</p>	<p>Features: 24 V Increased vibration resistance All advantages of standard bulbs Reduced downtime cost due to less bulb changes</p>
Extra light output [%] *	Extra light output [%] *	Extra light output [%] *	Extra light output [%] *	Extra light output [%] *
				
Light colour [K]	Light colour [K]	Light colour [K]	Light colour [K]	Light colour [K]
				
Service life [h] **	Service life [h] **	Service life [h] **	Service life [h] **	Service life [h] **
				
<p>Packaging: Individual box, blister pack</p>	<p>Packaging: Blister pack</p>	<p>Packaging: Individual box, blister pack</p>	<p>Packaging: Individual box</p>	<p>Packaging: Individual box, blister pack</p>
<p>Applications:</p> 	<p>Applications:</p> 	<p>Applications:</p> 	<p>Applications:</p> 	<p>Applications:</p> 
<p>Available in: 862, 880, 881, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 896, 898, 899, 9003, 9004, 9005, 9005XS, 9006, 9006XS, 9007, H1, H2, H3, H4, H7, H8, H9, H10 (9145), H11, H12 (9055), H13, H16, HS1, H20W, H21W, H5W, H6W</p>	<p>Available in: H1, H3, H7, H9, H11, H13 (9008), 9003, 9004 (HB1), 9005 (HB3), 9006 (HB4), 9007 (HB5)</p>	<p>Available in: H1P50, H3P50, H4P50, H7P50, H11P50, H13P50, 9004P50, 9005P50, 9006P50, 9007P50</p>	<p>Available in: H1LL, H1 24V LL, H3 24LL, H4LL, H4 24V LL, H7 24LL, H7LL, H11LL, H13LL, 9003LL, 9004LL, 9005LL, 9006LL, 9007LL</p>	<p>Available in: 198HD, 5637HD, 7510LTS, H3 24V HD, H3HD, H4 24V HD</p> <p>Double Power: H1 24V DP, H3 24V DP, H4 24V DP, H4 24V DP, H7 24V DP, H11 24V DP</p>



HIGH WATTAGE	DESIGN		OPTILUX	
High Wattage	Clear Blue	Xtreme Yellow	Optilux Extreme Yellow XY	Optilux Extreme White XB
				
				
<p>Features: 12 V Longer service life compared to standard HELLA bulbs Environmentally friendly, because they do not have to be replaced as often. Excellent luminous efficiency. Excellent quality / price For off-road use only</p>	<p>Features: 12 V Bright white light 3,600K Cooler vision and better concentration of light. For off-road use only</p>	<p>Features: 12 V Yellow light that improves visibility under fog, hail and rainy days. Conventional bases, without altering specifications. Recommended for vehicles in rural and off-road areas.</p>	<p>Features: 12 V The XY Optilux bulbs produce a clear yellow light their filament is made of specific measures to provide the exact amount of light needed in the way.</p>	<p>Features: 12 V Extreme White bulbs XB Optilux give a radical look at the xenon light in a halogen bulb, with its blue coating. These bulbs incorporate gas xenon bulb improved performance</p>
Extra light output [%] *	Extra light output [%] *	Extra light output [%] *	Extra light output [%] *	Extra light output [%] *
				
Light colour [K]	Light colour [K]	Light colour [K]	Light colour [K]	Light colour [K]
				
Service life [h] **	Service life [h] **	Service life [h] **	Service life [h] **	Service life [h] **
				
<p>Packaging: Individual box, blister pack</p>	<p>Packaging: Individual box</p>	<p>Packaging: Blister Pack</p>	<p>Packaging: Plastic Case</p>	<p>Packaging: Plastic Case</p>
<p>Applications:</p> 	<p>Applications:</p> 	<p>Applications:</p> 	<p>Applications:</p> 	<p>Applications:</p> 
<p>Available in: H1 100W, H1 130W, H2 100W H3 100W, H3 130W, H3 24V 100W, H4 100/55W H4 100/80W, H4 130/90W H4 24V 100/90W, H7 100W H7 70W, 9004 100/80W 9005 100W, 9006 80W 9007 100/80W</p>	<p>Available in: H3XE-100CB, H324XE-CB, H4XE-CB, H4 24XE-CB, H724XE-CB, H11XE-CB, 9004XE-CB, 9004XE-100CB, 9005XE-100CB, 9006XE-80CB, 9007XE-CB</p>	<p>Available in: H1 YL, H3 YL, H4 YL, H7 YL, H11 YL, H13 YL, 9004 YL, 9005 YL, 9006 YL, 9007 YL</p>	<p>Available in: 880, 881, 893, 9006, H1, H10, H11, H13, H16E, H3, H3C, H4 H7, H8, H9, HB1, HB3, HB4, HB5</p>	<p>Available in: 880, 881, 893, 9004, 9005, 9006, 9007, H1, H10, H11, H13, H16, H2, H3, H3C, H4, H7, H8, H9, HB1, HB3, HB4, HB5</p>



PRODUCT RANGE

COMPLIES WITH ECE, SAE AND INMETRO STANDARD*

*Where it applies



STANDARD
Standard Halogen Bulbs - 12 V

862	898	H3 35W	H15
880	899	H4	H16
881	9003	H4 35/35W	HS1
884	9004	H4 45/45W	H10W
885	9005	H4 P45T	H20W
886	9005XS	H7	H21W
887	9006	H8	H5W
888	9006XS	◆ H8B	H6W
889	9007	H9	◆ M5 35/35W
890	9009S	◆ H9B	◆ M5 35/35W1
891	HIR2	H10 (9145)	◆ M5 25/25W
892	H1	H11	◆ M5 25/25W1
893	H2	H11B	◆ M5 18/18W
894	H3	H12 (9055)	◆ M5 35/35W3
896	H3C	H13	◆ M5 25/25W3

Standard Halogen Bulbs - 24 V

H1 24V	H7 24V
H3 24V	H11 24V
H4 24V	H21W 24V

STANDARD
Standard Halogen Bulbs Blister Pack - 12 V



Double Blister Pack	Single Blister Pack
9003TB, 9004TB,	9003SB, 9004SB,
9005TB, 9006TB,	9005SB, 9006SB,
9007TB, H1TB,	9007SB, H1SB,
H10TB, H11TB,	H10SB, H11SB,
H13TB, H3TB,	H13SB, H3SB,
H3 35WTB, H4TB,	H3 35WSB, H4SB,
H4 35/35WTB,	H4 35/35WSB,
H4 45/45WTB,	H4 45/45WSB,
H4 P45TTB,	H4 P45TSB, H7SB,
H7TB, H8TB,	H8SB, H9SB,
H9TB, HS1TB	HS1SB, H16SB
◆ M5 35/35WTB	◆ M5 35/35WSB

◆ **Standard Halogen Bulbs Blister Pack - 24 V**

Double Blister Pack	Single Blister Pack
H1 24VTB	H1 24VSB
H3 24VTB	H3 24VSB
H4 24VTB	H4 24VSB
H7 24VTB	H7 24VSB
H9 24VTB	H9 24VSB
H11 24VTB	H11 24VSB



STANDARD
Miniature Bulbs - (Box - Multiple voltages)

17	194R	3157NA	6411	7507
1003	198HD	3457	6413	7507C
1004	199	3457NA	6418	7511
1034	2057	3496	6423	7528
1034A	2057NA	3497	6424	7533
1034NA	2357	3652	6428	7534
1073	2357NA	37	6429	7537
1141	2396	3757A	6430	7951
1141 24V	2397	3796	6438	7951 55/50W
1156	24	3797	6451	7952
1156NA	24NA	3799	6453	89
1157	265	3893	6475	90
1157A	2721	3898	6476	912
1157NA	2741	3899	6480	921
1176	2722	3930	660	921NA
1176A	2723	400	67	93
1224	2741	5007	7225	9507
1308	2820	5008	7240	97
1445	2821	51	73	A3603
158	2825	53	74	A3625
158A	2825BL	57	7440	DE3021
168	2840	5627	7440A	DE3022
1683	2841	5637	7440NA	DE3175
1816	2845	5637HD	7441	DE3425
1891	2827NA	6235	7443	JC5
1893	3047	6245	7443A	JC10
1895	3047LL	6260	7443NA	JC20
194	3057	63	7506	PSX24W
194NA	3156	631	7506A	
194B	3157	635	7506NA	

STANDARD
Miniature Bulbs Blister Pack

Double Blister Pack	Single Blister Pack
7506TB	168TB
1034TB	73TB
2825TB	53TB
7528TB	1157TB
921TB	7507CTB
7443TB	1141TB
158TB	7506ATB
5007TB	6418TB
67TB	DE3021TB
3898TB	7225TB
3157TB	2827NATB
5008TB	2821TB
5637TB	7507CTB
3893TB	1141TB
7440TB	7506ATB
7507TB	6418TB
DE3175TB	DE3021TB
6411TB	7225TB
2721TB	2827NATB
	2821TB

◆ **Miniature Bulbs, Blister Pack - 24 V**

Double Blister Pack	Single Blister Pack
1141 24VTB	6429TB
2741TB	7510LTSTB
2841TB	7511TB
2845TB	7534TB
3797TB	7537TB
3930TB	7952TB
5627TB	9507TB
6423TB	



STANDARD
Xenon Lamps (HID)

D1S 4300 K
D2S 4300 K
D2R 4300 K
D3S 4300 K
D4S 4300 K



PERFORMANCE
Xenon Lamps +30 (HID)

D1S 5000 K
D2S 5000 K
D2R 5000 K



LED
LED Bulbs

5000 K 6411LED 5K 6418LED 5K 921LED 5K	6500 K 6411LED 6.5K 6418LED 6.5K 921LED 6.5K
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LONG LIFE
Long Life 12 V and 24 V

9003LL	H1LL
9004LL	H4 24V LL
9005LL	H7 24V LL
9006LL	H7LL
9007LL	H11LL

Long Life Miniature Bulbs

1003LL	3157LL
1141LL	7440LL
1156LL	7443LL
1157LL	
2057LL	
2057NALL	
2357LL	
3047LL	



A: Amber glass



NA: Natural Amber glass

The "Amber Crystal" bulbs have an amber tint on their crystal.

The "Natural amber glass" bulbs are made with a mixture of minerals that provide the amber color in the crystal.

Part No. Nomenclature

- A: Amber glass
- NA: Natural amber glass
- BL: Blue crystal
- R: Red crystal
- C: Clear glass, (transparent)
- CB: Light blue glass
- TCB: Light blue glass - two pieces
- P50: 50% more light than standard HELLA bulbs
- HD: Heavy equipment
- YL: Yellow glass
- TB: Blister Pack double
- ◆: New product



PERFORMANCE

+50 - 12V

PERFORMANCE

High Performance 2.0



Double Plastic Case

DESIGN

Optilux Extreme White XB - 12V



Box	Double Blister Pack
H1P50	H1P50TB
H4P50	H3P50TB
H3P50	H4P50TB
H7P50	H7P50TB
H11P50	H11P50TB
H13P50	H13P50TB
9004P50	9004P50TB
9005P50	9005P50TB
9006P50	9006P50TB
9007P50	9007P50TB

Double Blister Pack	
H1 2.0TB	9004 2.0TB
H3 2.0TB	9003 2.0TB
H7 2.0TB	9005 2.0TB
H9 2.0TB	9006 2.0TB
H11 2.0TB	9007 2.0TB
H13 2.0TB	

880	32 W	H71071212
881	32 W	H71071222
893	37.5 W	H71071232
9004	65/45 W	H71071392
9005	65 W	H71071402
9005	65 W	H71071412
9005	100 W	H71071422
9006	55 W	H71071432
9006	55 W	H71071442
9006	80 W	H71071452
9007	65/55 W	H71071472
H1	55 W	H71071242
H10	65 W	H71071012
H10	42 W	H71071252
H11	80 W	H71071032
H11	55 W	H71071262
H13	100/80 W	H71071052
H13	60/55 W	H71071272
H16	35 W	H71071282
H2	100 W	H71070227
H3	100 W	H71070181
H3	55 W	H71071312
H3C	55 W	H71071322
H3C	80 W	H71071332
H4	100/80 W	H71070201
H4	60/55 W	H71071352
H7	100 W	H71070307
H7	55 W	H71071362
H8	55 W	H71070772
H8	35 W	H71071372
H9	100 W	H71070792
H9	65 W	H71071382
HB1	100/80 W	H71070327
HB3	100 W	H71070347
HB4	80 W	H71070367
HB5	100/80 W	H71070387

HIGH WATTAGE

High Wattage 12 V



DESIGN

Xtreme Yellow - 12V



Single box	Double Blister Pack	Single Blister Pack
H1 100W	H1 100WTB	H4 100/80WSB
H1 130W	H3 100WTB	9007 100/80WSB
H2 100W	H3 130WTB	9004 100/80WSB
H3 100W	H4 100/55WTB	9006 80WSB
H3 130W	H4 100/80WTB	9005 100WSB
H3 24V 100W	H4 130/90WTB	
H4 100/55W	H7 100WTB	
H4 100/80W	9004 100/80WTB	
H4 130/90W	9005 100WTB	
H4 24V 100/90W	9006 80WTB	
H7 100W	9007 100/80WTB	
H7 70W		
9004 100/80W	◆ H3 24V 100WTB	
9005 100W	◆ H4 24V 100/90WTB	
9006 80W		
9007 100/80W		

DESIGN

Clear Blue - 12V and 24V

H3XE-100CB	9004XE-CB
H4 24XE-CB	9005XE-100CB
H4XE-CB	9006XE-80CB
H11XE-CB	9007XE-CB
9004XE-100CB	



Notice that due to the high consumption it can be generated on heating in the wiring of the headlight.

STANDARD

Emergency Set



Double Plastic Case

DESIGN

Optilux Extreme Yellow XY - 12V



DOUBLE POWER HEAVY DUTY
Heavy Duty - 12 V and 24 V

Halogen	Miniature
H3HD	198HD
H3 24V HD	5637HD
H4 24V HD	7510LTS
H1 24V DP	◆ Single Blister Pack
H3 24V DP	H1 24V DPSB
H4 24V DP	H3 24V HDSB
H7 24V DP	H3 24V DPSB
H11 24V DP	H4 24V HDSB
	H4 24V DPSB
	H7 24V DPSB
	H11 24V DPSB
	◆ Double Blister Pack
	H3 24V HDTB
	H4 24V HDTB

Halogen bulb, miniature bulbs and fuses

H7EMK
H4EMK
H1EMK
9005EMK
9006EMK
H724VEMK
H424VEMK

880	27 W	H71071172
881	27 W	H71071182
893	37.5 W	H71071192
9006	55 W	H71071462
H1	55 W	H71070642
H10	42 W	H71071112
H11	55 W	H71071132
H13	60/55 W	H71071152
H16	35 W	H71071302
H3	55 W	H71070662
H3C	55 W	H71071342
H4	60/55 W	H71070682
H7	55 W	H71070702
H8	35 W	H71071072
H9	65 W	H71071092
HB1	65/45 W	H71070562
HB3	65 W	H71070582
HB4	55 W	H71070602
HB5	60/55 W	H71070622

PRODUCT RANGE

3.0 BULBS SUMMARY

1 HEADLIGHT HALOGEN STANDARD BULBS

LOW BEAM HIGH BEAM *FOG LIGHT (WHEN IT APPLIES)

H1'	H2	H3'	H3C'	H4'	H7'	H8'	H8B'	H9	H9B'	H10	H11	H11B	H12
H13	H15	H16	9003	9004	9005'	9005XS	9006	9006XS	9007	862'	880'		
881'	884'	HS1	7951	HIR2	M5	XENON		D1S	D2S	D2R	D3S	D4S	

2 INDICATORS

FRONT REAR SIDE

7507C	7506NA	3156	3157	H21W	H6W
7440	7440NA	158A	6411	6411	2825
5008					

3 POSITION LIGHT

FRONT REAR

3893	194	2845	7440	7443		
5007	5008	6428	6413	H5W	H6W	H10W

4 REVERSE LIGHT

7506	7440	DE3175	H21W	H6W

5 DASHBOARD

2721	007997051

6 LICENSE PLATE LIGHT

7225	7537	5007	194
7440	7443	5008	2825



<p>1</p> <p>PERFORMANCE</p> <p>+50%</p> <table border="0"> <tr><td>H1P50TB</td><td>9004P50TB</td></tr> <tr><td>H3P50TB</td><td>9005P50TB</td></tr> <tr><td>H4P50TB</td><td>9006P50TB</td></tr> <tr><td>H7P50TB</td><td>9007P50TB</td></tr> <tr><td>H11P50TB</td><td></td></tr> <tr><td>H13P50TB</td><td></td></tr> </table>	H1P50TB	9004P50TB	H3P50TB	9005P50TB	H4P50TB	9006P50TB	H7P50TB	9007P50TB	H11P50TB		H13P50TB		<p>PERFORMANCE</p> <p>High Performance 2.0*</p> <table border="0"> <tr><td>H1 2.0TB</td><td>9004 2.0TB</td></tr> <tr><td>H3 2.0TB</td><td>9003 2.0TB</td></tr> <tr><td>H7 2.0TB</td><td>9005 2.0TB</td></tr> <tr><td>H9 2.0TB</td><td>9006 2.0TB</td></tr> <tr><td>H11 2.0TB</td><td>9007 2.0TB</td></tr> <tr><td>H13 2.0TB</td><td></td></tr> </table>	H1 2.0TB	9004 2.0TB	H3 2.0TB	9003 2.0TB	H7 2.0TB	9005 2.0TB	H9 2.0TB	9006 2.0TB	H11 2.0TB	9007 2.0TB	H13 2.0TB		<p>HEAVY DUTY</p> <p>Heavy Duty</p> <table border="0"> <tr><td>H3HD</td><td>H11 24V DP</td></tr> <tr><td>H3 24V HD</td><td>198HD</td></tr> <tr><td>H4 24V HD</td><td>5637HD</td></tr> <tr><td>H1 24V DP</td><td>7510LTS</td></tr> <tr><td>H3 24V DP</td><td></td></tr> <tr><td>H4 24V DP</td><td></td></tr> <tr><td>H7 24V DP</td><td></td></tr> </table>	H3HD	H11 24V DP	H3 24V HD	198HD	H4 24V HD	5637HD	H1 24V DP	7510LTS	H3 24V DP		H4 24V DP		H7 24V DP		<p>STANDARD</p> <p>Bulbs and fuses set</p> <table border="0"> <tr><td>H7EMK</td><td>9006EMK</td></tr> <tr><td>H4EMK</td><td>H724VEMK</td></tr> <tr><td>H1EMK</td><td>H424VEMK</td></tr> <tr><td>9005EMK</td><td></td></tr> </table>	H7EMK	9006EMK	H4EMK	H724VEMK	H1EMK	H424VEMK	9005EMK											
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10 **GLOVE BOX LIGHT**

2825 W5W	7440 C5W	5007 R5W

9 **TRUNK LIGHT**

5007 R5W	7440 C5W	6411 10W	6411 LED

7 **INTERIOR LIGHT**


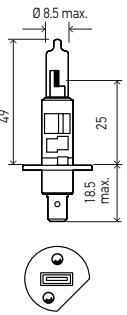

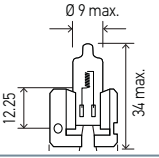

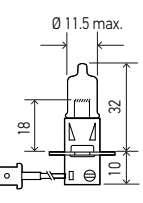


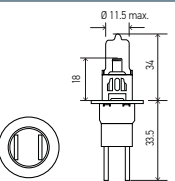
7440 H6W	7443 R5W	5008 R10W	6413 C5W	2825 W5W	6428 M Bulb	921 LED	6411 LED	6418 LED

8 **STOP LIGHT**

7537 P21/5W	7225 P21/4W	7506 P21W	7440 W21W	7443 W21/5W	5007 R5W

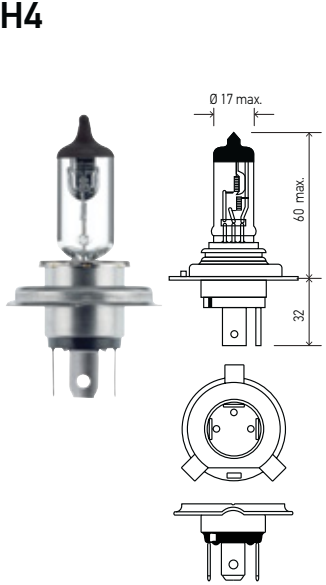
PRODUCT RANGE

3.1 HALOGEN BULBS SUMMARY

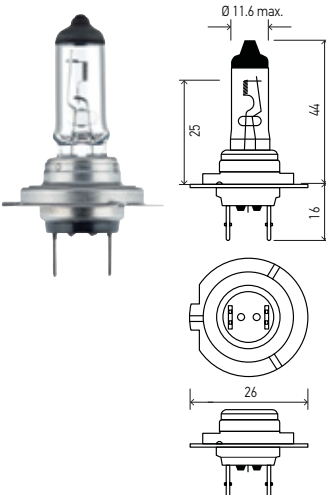
Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
 	H1	12	55 W	P14.5s	T2.5	1550		1	C	■	■	■	Standard
	H1 24V	24	70 W	P14.5s	T2.5	1900		1	C		■	■	Standard
	H1P50	12	55 W	P14.5s	T2.5	1700		1	C	■	■	■	+ 50
	◆ H1P50TB	12	55 W	P14.5s	T2.5	1700		2	B	■	■	■	+ 50
	◆ H1 24V DP	24	70 W	P14.5s	T2.5	1900		1	C		■	■	Double Power
	H1 100W	12	100 W	P14.5s	T2.5	1850		1	C				High Wattage
	H1 130W	12	130 W	P14.5s	T2.5	2400		1	C				High Wattage
	◆ H1 2.0TB	12	55 W	P14.5s	T2.5	1550	3600	2	B	■	■	■	High Performance 2.0
	H1LL	12	55 W	P14.5s	T2.5	1550		1	C	■	■	■	Long Life
	H1 YL	12	55 W	P14.5s	T2.5	1550	2900	2	B				Xtreme Yellow
	H71070227*	12	100 W	P14.5s	T2.5			2	P				Extreme White XB
	H71071242*	12	55 W	P14.5s	T2.5			2	P				Extreme White XB
	H71070642*	12	55 W	P14.5s	T2.5			2	P				Extreme Yellow XY
	◆ H1TB	12	55 W	P14.5s	T2.5	1550		2	B	■	■	■	Standard
	◆ H1SB	12	55 W	P14.5s	T2.5	1550		1	B	■	■	■	Standard
	◆ H1 100WTB	12	100 W	P14.5s	T2.5	1850		2	B				High Wattage
	◆ H1 24VSB	24	70 W	P14.5s	T2.5			1	B		■	■	Standard
	◆ H1 24VTB	24	70 W	P14.5s	T2.5			2	B		■	■	Standard
◆ H1 24V DPSB	24	70 W	P14.5s	T2.5			1	B		■	■	Double Power	
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
 	H2	12	55 W	X511	T3			1	C				Standard
	H2 100W	12	100 W	X511	T3			1	C				High Wattage
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
   <p>H3 BULLET</p>	H3	12	55 W	PK22s	T3.25	1450		1	C	■	■	■	Standard
	H3 BULLET	12	55 W	PK22s	T3.25	1450		1	C				Standard
	H3 35W	12	35 W	PK22s	T3.25	750		1	C				Standard
	H3 24V	24	70 W	PK22s	T3.25	1750		1	C		■	■	Standard
	H3P50	12	55 W	PK22s	T3.25	1600		1	C				+ 50
	◆ H3P50TB	12	55 W	PK22s	T3.25	1600		2	B				+ 50
	H3XE-100CB	12	100 W	PK22s	T3.25	1600	3600	1	C				Clear Blue/High W
	H3 24V DP	24	70 W	PK22s	T3.25			1	C		■	■	Double Power
	H3 24V HD	24	70 W	PK22s	T3.25	1750		1	C		■	■	Heavy Duty
	◆ H3HD	12	55 W	PK22s	T3.25	1450		1	C	■	■	■	Heavy Duty
	H3 100W	12	100W	PK22s	T3.25	1850		1	C				High Wattage
	H3 130W	12	130 W	PK22s	T3.25	2600		1	C				High Wattage
	H3 24V 100W	24	100 W	PK22s	T3.25	2500		1	C				High Wattage
	◆ H3 100WTB	12	100 W	PK22s	T3.25	1850		2	B				High Wattage
	◆ H3 130WTB	12	130 W	PK22s	T3.25	2600		2	B				High Wattage
	◆ H3 2.0TB	12	55 W	PK22s	T3.25	1450	3600	2	B	■	■	■	High Performance 2.0
	H3 YL	12	55 W	PK22s	T3.25	1450	2900	2	B				Xtreme Yellow
	H71070181*	12	100 W	PK22s	T3.25			2	P				Extreme White XB
	H71071312*	12	55 W	PK22s	T3.25			2	P				Extreme White XB
	H71070662*	12	55 W	PK22s	T3.25			2	P				Extreme Yellow XY
	◆ H3TB	12	55 W	PK22s	T3.25	1450		2	B	■	■	■	Standard
	◆ H3 35WTB	12	35 W	PK22s	T3.25	750		2	B				Standard
	◆ H3SB	12	55 W	PK22s	T3.25	1450		1	B	■	■	■	Standard
	◆ H3 35WSB	12	35 W	PK22s	T3.25	750		1	B				Standard
	◆ H3 24V DPSB	24	70 W	PK22s	T3.25			1	B		■	■	Double Power
	◆ H3 24V HDSB	24	70 W	PK22s	T3.25			1	B		■	■	Heavy Duty
	◆ H3 24VSB	24	70 W	PK22s	T3.25			1	B		■	■	Standard
	◆ H3 24V 100WTB	24	100 W	PK22s	T3.25			2	B				High Wattage
◆ H3 24V HDTB	24	70 W	PK22s	T3.25			2	B		■	■	Heavy Duty	
◆ H3 24VTB	24	70 W	PK22s	T3.25			2	B		■	■	Standard	
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
 	H71071322*	12	55 W	P22d	T3.25			2	P				Extreme White XB
	H71071332*	12	80 W	P22d	T3.25			2	P				Extreme White XB
	H71071342*	12	55 W	P22d	T3.25			2	P				Extreme Yellow XY
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													

C = Box B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product

Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
H4 	H4	12	60/55 W	P43t	T4.625	1650/1000	3200	1	C		■	■	Standard
	H4 24V	24	75/70 W	P43t	T4.625	1900/1200		1	C		■	■	Standard
	H4 35/35W	12	35/35 W	P43t	T4.625	825/525		1	C				Standard
	H4 45/45W	12	45/45 W	P43t	T4.625			1	C				Standard
	H4 P45T	12	60/55 W	P45t	T4.625	1650/1000		1	C				Standard
	H4P50	12	60/55 W	P43t	T4.625	1815/1100		1	C		■	■	+ 50
	◆ H4P50TB	12	60/55 W	P43t	T4.625	1815/1100		2	B		■	■	+ 50
	H4XE-CB	12	60/55 W	P43t	T4.625	1650/1000	3600	1	C				Clear Blue
	H4XE-100CB	12	100/80 W	P43t	T4.625	2000/1350	3600	1	C				Clear Blue/High W
	◆ H4 24V DP	24	75/70 W	P43t	T4.625	1900/1200		1	C		■	■	Double Power
	H4 24V HD	24	75/70 W	P43t	T4.625	1900/1200		1	C		■	■	Heavy Duty
	H4 100/55W	12	100/55 W	P43t	T4.625	2400/1000		1	C				High Wattage
	H4 100/80W	12	100/80 W	P43t	T4.625			1	C				High Wattage
	H4 130/90W	12	130/90 W	P43t	T4.625	3200/1600		1	C				High Wattage
	H4 24V 100/90W	24	100/90 W	P43t	T4.625			1	C				High Wattage
	◆ H4 100/55WTB	12	100/55 W	P43t	T4.625	2400/1000		2	B				High Wattage
	◆ H4 100/80WTB	12	100/80 W	P43t	T4.625			2	B				High Wattage
	◆ H4 130/90WTB	12	130/90 W	P43t	T4.625	3200/1600		2	B				High Wattage
	◆ H4 100/80WSB	12	100/80 W	P43t	T4.625			1	B				High Wattage
	◆ H4 24V LL	24	75/70 W	P43t	T4.625	1900/1200		1	C				Long Life
	H4 YL	12	60/55 W	P43t	T4.625	1650/1000	2800	2	P				Xtreme Yellow
	H71070201*	12	100/80 W	P43t	T4.625			2	P				Extreme White XB
	H71071352*	12	60/55 W	P43t	T4.625			2	P				Extreme White XB
	H71070682*	12	60/55 W	P43t	T4.625			2	P				Extreme Yellow XY
	◆ H4TB	12	60/55 W	P43t	T4.625	1650/1000	3200	2	B		■	■	Standard
	◆ H4 35/35WTB	12	35 /35 W	P43t	T4.625			2	B				Standard
	◆ H4 45/45WTB	12	45 /45 W	P43t	T4.625			2	B				Standard
	◆ H4 P45TTB	12	60/55 W	P45t	T4.625			2	B				Standard
	◆ H4SB	12	60/55 W	P43t	T4.625	1650/1000	3200	1	B		■	■	Standard
	◆ H4 35/35WSB	12	35 /35 W	P43t	T4.625			1	B				Standard
◆ H4 45/45WSB	12	45 /45 W	P43t	T4.625			1	B				Standard	
◆ H4 P45TSB	12	60/55 W	P45t	T4.625	1650/1000		1	B				Standard	
◆ H424V 100/90WTB	24	100/90 W	P43t	T4.625			2	B				High Wattage	
◆ H4 24V HDTB	24	75/70 W	P43t	T4.625			2	B		■	■	Heavy Duty	
◆ H4 24VTB	24	75/70 W	P43t	T4.625			2	B		■	■	Standard	
◆ H4 24V DPSB	24	75/70 W	P43t	T4.625			1	B		■	■	Double Power	
◆ H4 24V HDSB	24	75/70 W	P43t	T4.625			1	B		■	■	Heavy Duty	
◆ H4 24VSB	24	75/70 W	P43t	T4.625			1	B		■	■	Standard	

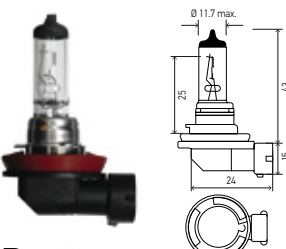
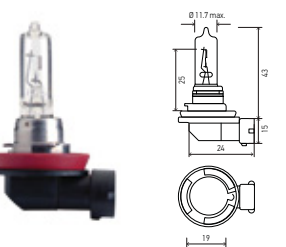
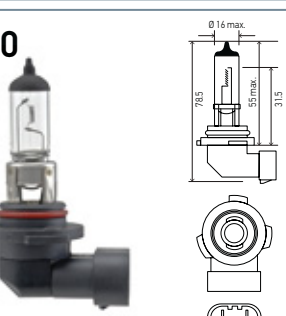
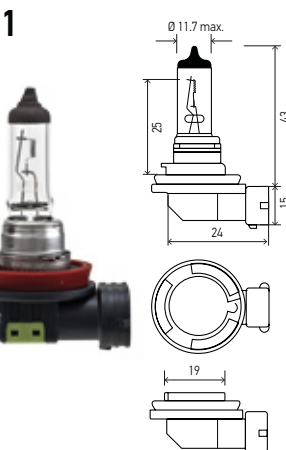
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)

H7 	H7	12	55 W	PX26d	T4.625	1350		1	C	■	■	■	Standard	
	H7 24V	24	70 W	PX26d	T4.625	1750		1	C		■	■	Standard	
	H7P50	12	55 W	PX26d	T4.625	1560		1	C	■	■	■	+ 50	
	◆ H7P50TB	12	55 W	PX26d	T4.625	1560		2	B	■	■	■	+ 50	
	◆ H7 24V DP	24	70 W	PX26d	T4.625			1	C		■	■	Double Power	
	H7 70W	12	70 W	PX26d	T4.625	1800		1	C				High Wattage	
	H7 100W	12	100 W	PX26d	T4.625	2000		1	C				High Wattage	
	◆ H7 100WTB	12	100 W	PX26d	T4.625	2000		2	B				High Wattage	
	◆ H7 2.0TB	12	55 W	PX26d	T4.625	1500		2	P		■	■	High Performance 2.0	
	H7 24V LL	24	70 W	PX26d	T4.625	1750		1	C		■	■	Long Life	
	H7LL	12	55 W	PX26d	T4.625	1500	3700	1	C	■	■	■	Long Life	
	H7 YL	12	55 W	PX26d	T4.625	1500		2	P				Xtreme Yellow	
	H71070307*	12	100 W	PX26d	T4.625			2	P				Extreme White XB	
	H71071362*	12	55 W	PX26d	T4.625			2	P				Extreme White XB	
	H71070702*	12	55 W	PX26d	T4.625			2	P				Extreme Yellow XY	
	◆ H7TB	12	55 W	PX26d	T4.625	1350		2	B		■	■	■	Standard
	◆ H7SB	12	55 W	PX26d	T4.625	1350		1	B		■	■	■	Standard
◆ H7 24VSB	24	70 W	PX26d	T4.625			1	B		■	■	■	Standard	
◆ H7 24VTB	24	70 W	PX26d	T4.625			2	B		■	■	■	Standard	
◆ H7 24V DPSB	24	70 W	PX26d	T4.625			1	B		■	■	■	Double Power	

LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)

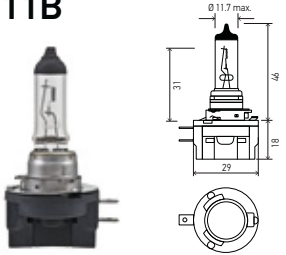

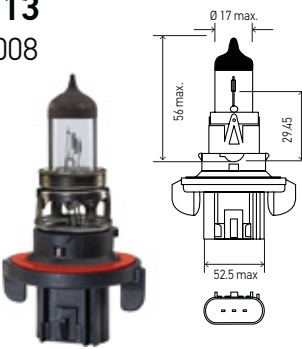
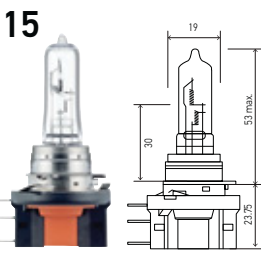
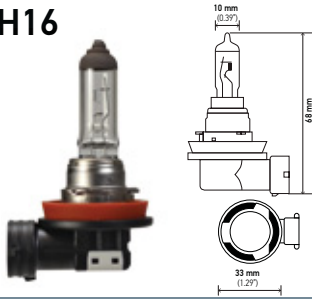
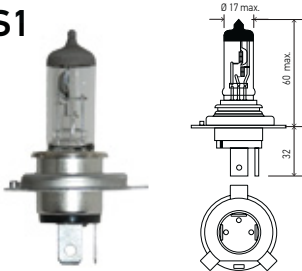
PRODUCT RANGE

3.1 HALOGEN BULBS SUMMARY

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
H8 	H8	12	35 W	PGJ19-1	T4	800		1	C	■	■		Standard
	H71070772*	12	55 W	PGJ19-1	T4			2	P				Extreme White XB
	H71071072*	12	35 W	PGJ19-1	T4			2	P				Extreme Yellow XY
	H71071372*	12	35 W	PGJ19-1	T4			2	P				Extreme White XB
	◆ H8TB	12	35 W	PGJ19-1	T4	800		2	B	■	■		Standard
	◆ H8SB	12	35 W	PGJ19-1	T4	800		1	B	■	■		Standard
	◆ H8B	12	35 W	PGJ19-1	T4	800		1	C		■		Standard
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
H9 	H9	12	65 W	PGJ19-5	T4	2100		1	C	■	■		Standard
	H9 2.0TB	12	65 W	PGJ19-5	T4	2100	3700	2	P	■	■		High Performance 2.0
	◆ H71070792*	12	100 W	PGJ19-5	T4			2	P				Extreme White XB
	H71071092*	12	65 W	PGJ19-5	T4			2	P				Extreme Yellow XY
	H71071382*	12	65 W	PGJ19-5	T4			2	P				Extreme White XB
	H9TB	12	65 W	PGJ19-5	T4	2100		2	B	■	■		Standard
	◆ H9SB	12	65 W	PGJ19-5	T4	2100		1	B				Standard
	◆ H9 24VSB	24	80 W	PGJ19-5	T4			1	B				Standard
	◆ H9 24VTB	24	80 W	PGJ19-5	T4			2	B				Standard
	◆ H9B	12	65 W	PGJ19-5	T4	2100		1	C		■		Standard
HIGH BEAM, WORK LIGHT													
H10 	H10	12	45 W	PY20d	T4	850		1	C		■		Standard
	H71071012*	12	65 W	PY20d	T4			2	P				Extreme White XB
	H71071112*	12	42 W	PY20d	T4			2	P				Extreme Yellow XY
	H71071252*	12	42 W	PY20d	T4			2	P				Extreme White XB
	◆ H10TB	12	45 W	PY20d	T4	850		2	B		■		Standard
	◆ H10SB	12	45 W	PY20d	T4	850		1	B		■		Standard
LOW BEAM													
H11 	H11	12	55 W	PGJ19-2	T4	1350		1	C	■	■		Standard
	H11 24V	24	70 W	PGJ19-2	T4	1600		1	C		■		Standard
	H11P50	12	55 W	PGJ19-2	T4	1450		1	C	■	■		+ 50
	◆ H11P50TB	12	55 W	PGJ19-2	T4	1450		2	B				+ 50
	H11XE-CB	12	55 W	PGJ19-2	T4	1350	3600	1	C				Clear Blue
	◆ H11 24V DP	24	70 W	PGJ19-2	T4			1	C		■		Double Power
	◆ H11 2.0TB	12	55 W	PGJ19-2	T4	1350	3700	2	P	■	■		High Performance 2.0
	H11LL	12	55 W	PGJ19-2	T4	1350		1	C	■	■		Long Life
	H11 YL	12	55 W	PGJ19-2	T4	1450	3000	2	B				Xtreme Yellow
	H71071032*	12	80 W	PGJ19-2	T4			2	P				Extreme White XB
	H71071132*	12	55 W	PGJ19-2	T4			2	P				Extreme Yellow XY
	H71071262*	12	55 W	PGJ19-2	T4			2	P				Extreme White XB
	◆ H11TB	12	55 W	PGJ19-2	T4	1350		2	B	■	■		Standard
	◆ H11SB	12	55 W	PGJ19-2	T4	1350		1	B	■	■		Standard
◆ H11 24V DPSB	24	70 W	PGJ19-2	T4			1	B		■		Double Power	
◆ H11 24VSB	24	70 W	PGJ19-2	T4			1	B		■		Standard	
◆ H11 24VTB	24	70 W	PGJ19-2	T4			2	B		■		Standard	

LOW BEAM B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product

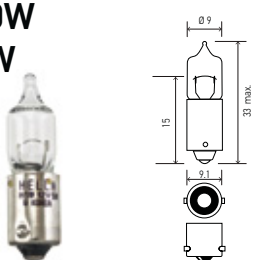
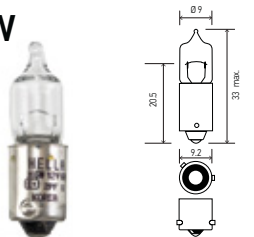
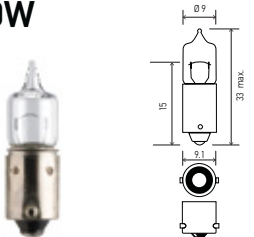
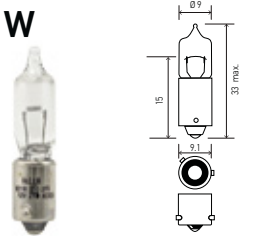
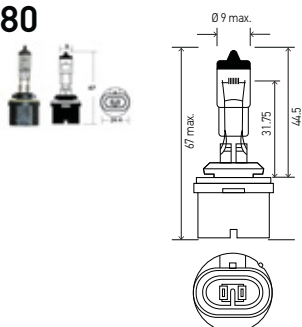
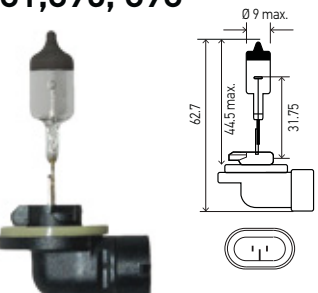
Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
H11B 	H11B	12	55 W	PGJY192	T3.25	1345	3100	1	C	■	■		Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)												
H12 	H12	12	55 W	PZ20d	T4	1050		1	C		■		Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)												
H13 9008 	H13	12	60/55 W	P26.4t	T4	1700/1100		1	C	■	■		Standard
	H13P50	12	60/55 W	P26.4t	T4	1650/1100		1	C	■	■		+ 50
	H13P50TB	12	60/55 W	P26.4t	T4	1650/1100		2	B	■	■		+ 50
	H13 2.0TB	12	60/55 W	P26.4t	T4	1700/1100	3700	2	P	■	■		High Performance 2.0
	H13 YL	12	60/55 W	P26.4t	T4	1700/1100	3100	2	B				Xtreme Yellow
	H71071052*	12	100/80 W	P26.4t	T4			2	P				Extreme White XB
	H71071272*	12	60/55 W	P26.4t	T4			2	P				Extreme White XB
	H71071152*	12	60/55 W	P26.4t	T4			2	P				Extreme Yellow XY
	H13TB	12	60/55 W	P26.4t	T4	1700/1100		2	B	■	■		Standard
	H13SB*	12	60/55 W	P26.4t	T4	1700/1100		1	B	■	■		Standard
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
H15 	H15	12	15/55 W	PGJ23t-1	T4	1330	3100	1	C	■	■		Standard
	FOG LIGHT												
H16 	H16	12	19 W	PGJ19-3	T4		3700	1	C		■		Standard
	H16SB	12	19 W	PGJ19-3	T4		3700	1	B				Standard
FOG LIGHT													
HS1 	HS1	12	35/35 W	PX43t	T4.625			1	C		■		Standard
	HS1TB	12	35/35 W	PX43t	T4.625			2	B		■		Standard
	HS1SB	12	35/35 W	PX43t	T4.625			1	B		■		Standard
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													

Measures in millimeters

PRODUCT RANGE

3.1 HALOGEN BULBS SUMMARY

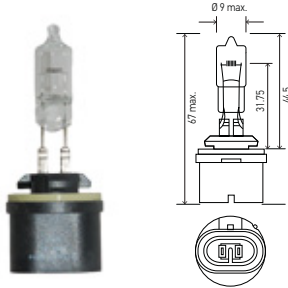
Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
H20W H5W 	H20W	12	20 W	BA9s	T2.75	470		1	C				Standard
	H5W	12	5 W	BA9s	T2.75	80		1	C				Standard
FLASHER LIGHT, REAR TURN SIGNAL, FRONT, SIDE AND TAIL LIGHT													
H6W 	H6W	12	6 W	BAX9s	T2.75	125		1	C		■		Standard
	PARKING LIGHT												
H10W 	H10W	12	10 W	BA9s	T2.75			1	C		■		Standard
	PARKING LIGHT												
H21W 	H21W	12	21 W	BAY9s	T2.75	600		1	C		■	■	Standard
	H21W 24V	24	21 W	BAY9s	T2.75			1	C		■	■	Standard
FLASHER LIGHT, REAR TURN SIGNAL, FRONT, SIDE AND TAIL LIGHT													
880 	880	12	27 W	PG13	T3.25	540		1	C		■	■	Standard
	H71071172*	12	27 W	PG13	T3.25			2	P				Extreme Yellow XY
	H71071212*	12	32 W	PG13	T3.25			2	P				Extreme White XB
	880 YL	12	27 W	PG13	T3.25			2	B				Xtreme Yellow
<p>Many bulbs of the 800 series are physically interchangeable but not electrically. Serious damage and blinding by glare can result from misuse of the bulb, so it is important to use only the bulb that is specified for each application.</p> <p>LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)</p>													
881, 896, 898 	881	12	27 W	PGJ13	T3.25	540		1	C	■	■		Standard
	896	12	37.5 W	PGJ13	T3.25	940	3100	1	C				Standard
	898	12	37.5 W	PGJ13	T3.25	750	3100	1	C				Standard
	H71071182*	12	27 W	PGJ13	T3.25			2	P				Extreme Yellow XY
	H71071222*	12	32 W	PGJ13	T3.25			2	P				Extreme White XB
	<p>Many bulbs of the 800 series are physically interchangeable but not electrically. Serious damage and blinding by glare can result from misuse of the bulb, so it is important to use only the bulb that is specified for each application.</p> <p>LOW BEAM, FOG LIGHT (WHEN IT APPLIES)</p>												

C = Box B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product

Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
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884, 885, 887, 890, 892

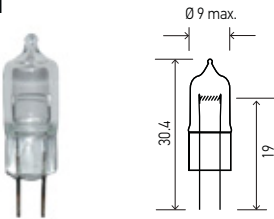


884	12	27 W	PG13	T3.25	540			1	C				Standard
885	12	50 W	PG13	T3.25	1250			1	C				Standard
887	12	50 W	PG13	T3.25	1190			1	C				Standard
890	12	27 W	PG13	T3.25	540	1100		1	C				Standard
892	12	16 W	PG13	T3.25	350			1	C				Standard

Many bulbs of the 800 series are physically interchangeable but not electrically. Serious damage and blinding by glare can result from misuse of the bulb, so it is important to use only the bulb that is specified for each application.

LOW BEAM, FOG LIGHT (WHEN IT APPLIES)

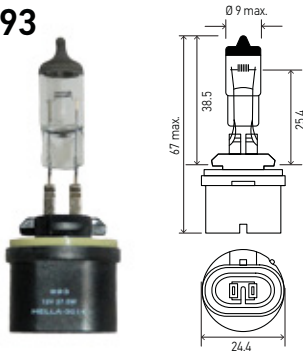
891



891	12	8 W	G4	T3.25	135	3100		1	C				Standard
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LOW BEAM, FOG LIGHT (WHEN IT APPLIES)

893

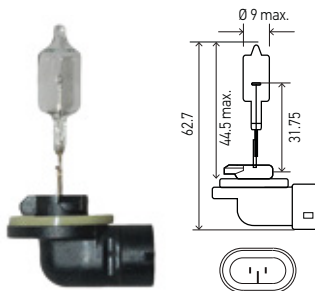


893	12	37.5 W	PG13	T3.25	940			1	C				Standard
H71071192*	12	37.5 W	PG13	T3.25				2	P				Extreme Yellow XY
H71071232*	12	37.5 W	PG13	T3.25				2	P				Extreme White XB

Many bulbs of the 800 series are physically interchangeable but not electrically. Serious damage and blinding by glare can result from misuse of the bulb, so it is important to use only the bulb that is specified for each application.

LOW BEAM, FOG LIGHT (WHEN IT APPLIES)

862, 886, 888, 889, 894



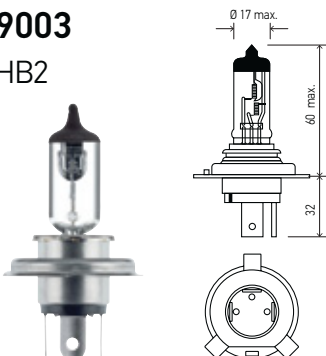
862	12	37.5 W	PGJ13	T3.25	750			1	C				Standard
886	12	50 W	PGJ13	T3.25	1190			1	C				Standard
888	12	50 W	PGJ13	T3.25	540			1	C				Standard
889	12	27 W	PGJ13	T3.25	540			1	C				Standard
889 YL	12	35 W	PGJ13	T3.25				2	B				Xtreme Yellow
894	12	37.5 W	PGJ13	T3.25	940			1	C				Standard

Many bulbs of the 800 series are physically interchangeable but not electrically. Serious damage and blinding by glare can result from misuse of the bulb, so it is important to use only the bulb that is specified for each application.

LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)

9003

HB2


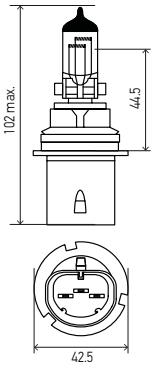

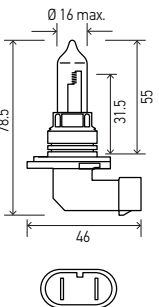

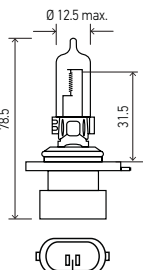

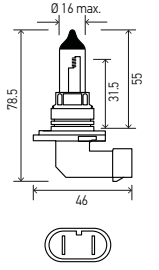



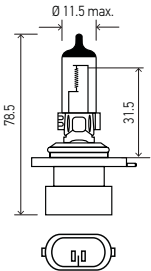

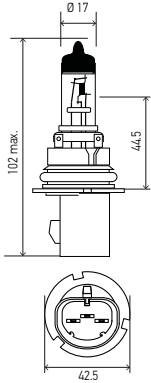

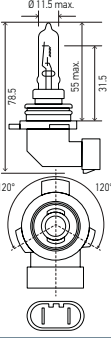

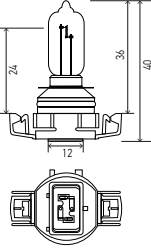

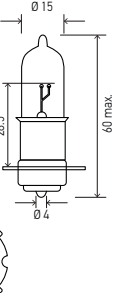
9003	12	60/55 W	P43t	T4.625	1500/910			1	C	■			Standard
9003LL	12	60/55 W	P43t	T4.625	1500/910			1	C	■			Long Life
◆ 9003 2.0TB	12	60/55 W	P43t	T4.625	1500/910	3600		2	P	■	■	■	High Performance 2.0
◆ 9003TB	12	60/55 W	P43t	T4.625	1500/910			2	B	■			Standard
◆ 9003SB	12	60/55 W	P43t	T4.625	1500/910			1	B	■			Standard

LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)

PRODUCT RANGE

3.1 HALOGEN BULBS SUMMARY

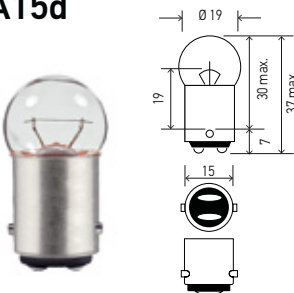
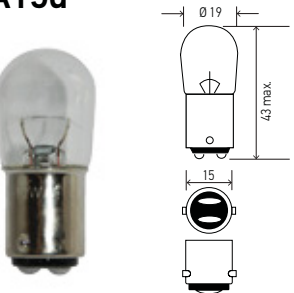

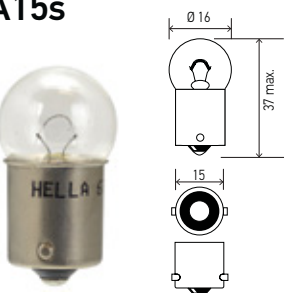

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features	
 	9004	12	65/45 W	P29t	T4.625	1200/700		1	C	■		■	Standard	
	9004P50	12	65/45 W	P29t	T4.625	1250/765		1	C	■		■	+ 50	
	◆ 9004P50TB	12	65/45 W	P29t	T4.625	1250/765		2	B	■		■	+50	
	9004XE-CB	12	65/45 W	P29t	T4.625	1100/700	3600	1	C				Clear Blue	
	9004XE-100CB	12	100/80 W	P29t	T4.625	1250/1100	3600	1	C				Clear Blue/High W	
	9004 100/80W	12	100/80 W	P29t	T4.625	1600/1300		1	C				High Wattage	
	◆ 9004 100/80WSB	12	100/80 W	P29t	T4.625	1600/1300		2	B				High Wattage	
	◆ 9004 2.0TB	12	65/45 W	P29t	T4.625	1200/700	3700	2	P	■		■	High Performance 2.0	
	9004LL	12	65/45 W	P29t	T4.625	1200/700		1	C				■ Long Life	
	9004 YL	12	65/45 W	P29t	T4.625	1200/700	2800	2	B				Xtreme Yellow	
	H71071392*	12	65/45 W	P29t	T4.625				2	P	■			Extreme White XB
	H71070327*	12	100/80 W	P29t	T4.625				2	P				Extreme White XB
	H71070562*	12	65/45 W	P29t	T4.625				2	P				Extreme Yellow XY
	◆ 9004TB	12	65/45 W	P29t	T4.625	1200/700			2	B	■		■	Standard
	◆ 9004SB	12	65/45 W	P29t	T4.625	1200/700			2	B	■		■	Standard
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)														
 	9005	12	65 W	P20d	T4	1860		1	C	■	■	■	Standard	
	9005P50	12	65 W	P20d	T4	2000		1	C	■	■	■	+ 50	
	◆ 9005P50TB	12	65 W	P20d	T4	2000		2	B	■	■	■	+ 50	
	9005XE-100CB	12	100 W	P20d	T4	1530	3600	1	C				Clear Blue/High W	
	9005 100W	12	100 W	P20d	T4	2200		1	C				High Wattage	
	◆ 9005 100WSB	12	100 W	P20d	T4	2200		2	B				High Wattage	
	◆ 9005 2.0TB	12	65 W	P20d	T4	1860	3700	2	P	■	■	■	High Performance 2.0	
	9005LL	12	65 W	P20d	T4	1860		1	C		■	■	■	Long Life
	9005 YL	12	65 W	P20d	T4	1860	2900	2	B				Xtreme Yellow	
	H71071402*	12	65 W	P20d	T4				2	P				Extreme White XB
	H71070347*	12	100 W	P20d	T4				2	P				Extreme White XB
	H71070582*	12	65 W	P20d	T4				2	P				Extreme Yellow XY
	◆ 9005TB	12	65 W	P20d	T4	1860			2	B	■	■	■	Standard
	◆ 9005SB	12	65 W	P20d	T4	1860			1	B	■	■	■	Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
 	9005XS	12	65 W	P20d	T4	1860		1	C	■	■	■	Standard	
	H71071412*	12	65 W	P20d	T4			2	P				Extreme White XB	
	H71071422*	12	100 W	P20d	T4			2	P				Extreme White XB	
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
 	9006	12	55 W	P22d	T4	1095		1	C	■	■	■	Standard	
	9006P50	12	55 W	P22d	T4	1200		1	C	■	■	■	+ 50	
	◆ 9006P50TB	12	55 W	P22d	T4	1200		2	B	■	■	■	+ 50	
	9006XE-80CB	12	80 W	P22d	T4	1300	3600	1	C				Clear Blue/High W	
	9006 80W	12	80 W	P22d	T4	1650		1	C				High Wattage	
	◆ 9006 80WSB	12	80 W	P22d	T4	1650		2	B				High Wattage	
	◆ 9006 2.0TB	12	55 W	P22d	T4	1095	3700	2	P	■	■	■	High Performance 2.0	
	9006LL	12	55 W	P22d	T4	1095		1	C		■	■	■	Long Life
	9006 YL	12	55 W	P22d	T4	1095	2900	2	B				Xtreme Yellow	
	H71071432*	12	55 W	P22d	T4				2	P				Extreme White XB
	H71070367*	12	80 W	P22d	T4				2	P				Extreme White XB
	H71070602*	12	55 W	P22d	T4				2	P				Extreme Yellow XY
	◆ 9006TB	12	55 W	P22d	T4	1095			2	B	■	■	■	Standard
	◆ 9006SB	12	55 W	P22d	T4	1095			1	B	■	■	■	Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
9006XS HB4A  	9006XS	12	55 W	P22d	T4	1095		1	C	■	■	■	Standard
	H71071442*	12	55 W	P22d	T4			2	P				Extreme White XB
	H71071452*	12	80 W	P22d	T4			2	P				Extreme White XB
	H71071462*	12	55 W	P22d	T4			2	P				Extreme Yellow XY
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)												
9007 HB5  	9007	12	65/55 W	PX29t	T4.625	1350/1000		1	C	■			Standard
	9007P50	12	65/55 W	PX29t	T4.625	1450/1100		1	C	■			+ 50
	◆ 9007P50TB	12	65/55 W	PX29t	T4.625	1450/1100		2	B	■			+ 50
	9007XE-CB	12	65/55 W	PX29t	T4.625	1350/1000	3700	1	C				Clear Blue
	9007 100/80W	12	100/80 W	PX29t	T4.625	1800/1500		1	C				High Wattage
	◆ 9007 100/80WSB	12	100/80 W	PX29t	T4.625	1800/1500		2	B	■			High Wattage
	◆ 9007 2.0TB	12	65/55 W	PX29t	T4.625	1350/1000	3700	2	P	■			High Performance 2.0
	9007LL	12	65/55 W	PX29t	T4.625	1350/1000		1	C				Long Life
	9007 YL	12	65/55 W	PX29t	T4.625	1350/1000	2800	2	B				Xtreme Yellow
	H71071472*	12	65/55 W	PX29t	T4.625			2	P				Extreme White XB
	H71070387*	12	100/80 W	PX29t	T4.625			2	P				Extreme White XB
	H71070622*	12	60/55 W	PX29t	T4.625			2	P				Extreme Yellow XY
	◆ 9007TB	12	60/55 W	PX29t	T4.625	1350/1000		2	B				Standard
◆ 9007SB	12	60/55 W	PX29t	T4.625	1350/1000		1	B				Standard	
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
HIR2 9012  	◆ 9012LL	12	55 W	PX22d	T4			1	C	■			Long Life
	LOW BEAM, HIGH BEAM												
9009S  	H71071282*	12	35 W	PG20-3	T4			2	P				Extreme White XB
	H71071302*	12	35 W	PG20-3	T4			2	P				Extreme Yellow XY
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
M5  	◆ M5 35/35W	12	35/35 W	P15d-25-1		840/805		1	C				Standard
	◆ M5 35/35WTB	12	35/35 W	P15d-25-1		840/805		2	B				Standard
	◆ M5 35/35WSB	12	35/35 W	P15d-25-1		840/805		1	B				Standard
	◆ M5 35/35W1	12	35/35 W	BA20D		840/805		1	C	■			Standard
	◆ M5 25/25W	12	25/25 W	BA20D		540/540		1	C	■			Standard
	◆ M5 25/25W1	12	25/25 W	P15D-25-1		540/540		1	C	■			Standard
	◆ M5 18/18W	12	18/18 W	P15D-25-1		440/440		1	C	■			Standard
	◆ M5 35/35W3	12	35/35 W	P15D-25-3		840/805		1	C	■			Standard
	◆ M5 25/25W3	12	25/25 W	P15D-25-3		540/540		1	C	■			Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)												

Measures in millimeters


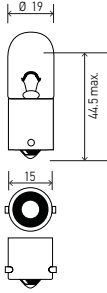

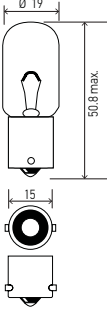

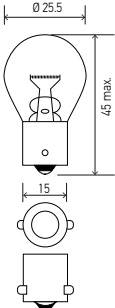

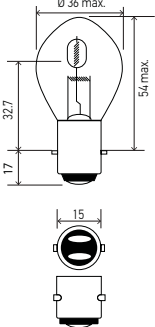
PRODUCT RANGE

3.2 MINIATURE BULBS SUMMARY

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
BA15d 	90	12	8 W	BA15d	G6	125		10	C	■			Standard
	1224	32	5 W	BA15d	G6	125		10	C	■			Standard
STOP LIGHT, REAR POSITION LIGHT													
BA15d 	1004	12	12.8 W	BA15d	B6			10	C	■			Standard
	PARKING LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, TRUNK LIGHT												
BA15d 	1176	12	17/8 W	BA15d	S8			10	C	■			Standard
	◆ 1176A	12	16/8 W	BA15d	S8			10	C	■			Standard (Amber)
	◆ 7240	12	21/5 W	BA15d	S8			10	C				Standard
	◆ 7533	12	15 W	BA15d	S8			10	C				Standard
	◆ 7534	24	21/5 W	BA15d	S8			10	C				Standard
	◆ 7534TB	24	21/5 W	BA15d	S8			2	B				Standard
	STOP LIGHT, REAR POSITION LIGHT												
BA15s 	63	6	4 W	BA15s	G6			10	C	■			Standard
	631	12	9 W	BA15s	G6			10	C	■			Standard
	67	12	8 W	BA15s	G6			10	C	■			Standard
	89	12	8 W	BA15s	G6			10	C	■			Standard
	◆ 97	12	9 W	BA15s	G6			10	C	■			Standard
PARKING LIGHT, LICENSE PLATE LIGHT													
BA15s 	5007	12	5 W	BA15s	B6			10	C	■	■		Standard
	◆ 5007TB	12	5 W	BA15s	B6			2	B		■	■	Standard
	◆ 5007SB	12	5 W	BA15s	B6			1	B		■	■	Standard
	5008	12	10 W	BA15s	B6			10	C		■	■	Standard
	◆ 5008TB	12	10 W	BA15s	B6			2	B		■	■	Standard
	◆ 5008SB	12	10 W	BA15s	B6			1	B		■	■	Standard
	5627	24	5 W	BA15s	B6			10	C		■	■	Standard
	◆ 5627SB	24	5 W	BA15s	B6			1	B		■	■	Standard
	◆ 5627TB	24	5 W	BA15s	B6			2	B		■	■	Standard
	◆ 5637	24	10 W	BA15s	B6			10	C		■	■	Standard
	5637TB	24	10 W	BA15s	B6			2	B		■	■	Standard
	5637HD	24	10 W	BA15s	B6			10	C		■	■	Heavy Duty
	PARKING LIGHT, LICENSE PLATE LIGHT												

C = Box B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product


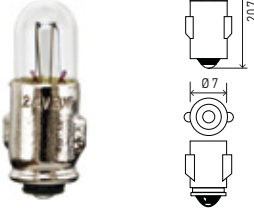
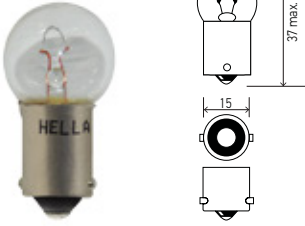
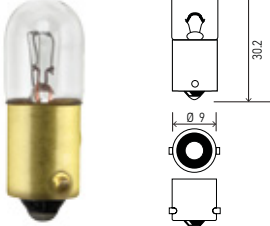
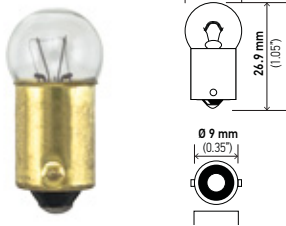
Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
BA15s  	1003	12	12 W	BA15s	B6			10	C	■			Standard
	1003LL	12	12 W	BA15s	B6			10	C	■			Long Life
	1308	24	16 W	BA15s	B6					■			Standard
	PARKING LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, TRUNK LIGHT												
BA15s  	3497	12	25 W	BA15s	T6			10	C	■			Standard
	PARKING LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, TRUNK LIGHT												
BA15s P21W PY21W  	93	12	13 W	BA15s	S8			10	C	■			Standard
	199	12	29 W	BA15s	S8			10	C	■			Standard (35 MSCP)
	1073	12	23 W	BA15s	S8			10	C	■			Standard
	1141	12	18 W	BA15s	S8			10	C	■			Standard
	◆ 1141TB	12	18 W	BA15s	S8			2	B	■			Standard
	◆ 1141 24V	24	18 W	BA15s	S8			10	C	■			Standard
	◆ 1141 24VSB	24	18 W	BA15s	S8			1	B				Standard
	◆ 1141 24VTB	24	18 W	BA15s	S8			2	B				Standard
	1141LL	12	18 W	BA15s	S8			10	C	■			Long Life
	1156	12	27 W	BA15s	S8			10	C	■			Standard
	1156LL	12	27 W	BA15s	S8			10	C	■			Long Life
	1156NA	12	27 W	BA15s	S8			10	C	■			Standard (Nat. amber)
	1683	24	29 W	BA15s	S8			10	C	■			Standard
	2396	12	29 W	BA15s	S8			10	C	■			Standard (40 MSCP)
	7506A	12	21 W	BA15s	S8			10	C			■	Standard (Amber)
	◆ 7506	12	21 W	BA15s	S8			10	C		■		Standard
	◆ 7506TB	12	21 W	BA15s	S8			2	B		■	■	Standard
	7506ATB	12	21 W	BA15s	S8			2	B		■	■	Standard
	◆ 7511	24	21 W	BA15s	S8			10	C		■	■	Standard
	◆ 7511TB	24	21 W	BA15s	S8			2	B		■	■	Standard
7511SB	24	21 W	BA15s	S8			1	B		■	■	Standard	
7506NA	12	21 W	BA15s	S8			10	C				Standard (Nat. amber)	
FLASHING LIGHT, STOP LIGHT, REAR FOG LIGHT, REVERSE LIGHT, SIGNAL LIGHT													
BA20d S2  	6235	12	35/35 W	BA20d	B11			1	C		■		Standard
	◆ 6235SB	12	35/35 W	BA20d	B11			1	B				Standard
	6245	12	45/40 W	BA20d	B11			1	C				Standard
	6260	12	60/60 W	BA20d	B11			1	C				Standard (High W.)
LOW BEAM, HIGH BEAM													

Measures in millimeters

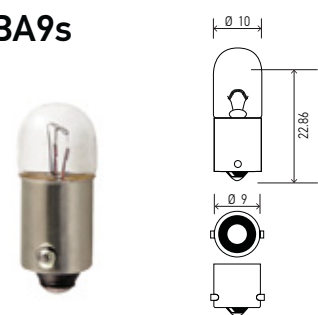
PRODUCT RANGE


3.2 MINIATURE BULBS SUMMARY

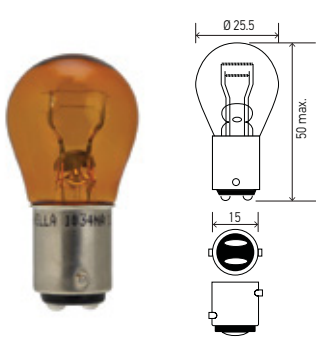
Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
BA20s 	660	12	60 W	BA20s	B11			1	C				Standard (High W.)
	635	12	35 W	BA20s	B11			1	C				Standard
LOW BEAM, HIGH BEAM													
BA7s 	3799	6	1 W	BA7s	T2			10	C				Standard
	3898	12	2 W	BA7s	T2			10	C				Standard
	3898TB	12	2 W	BA7s	T2			2	B				Standard
	3899	24	3 W	BA7s	T2			10	C				Standard
DASHBOARD LIGHT													
BA9s 	51	6	12 W	BA9s	G3.5			10	C	■			Standard
	53	12	2 W	BA9s	G3.5			10	C	■			Standard
	53TB	12	2 W	BA9s	G3.5			2	B				Standard
	57	12	3 W	BA9s	G4.5			10	C	■		■	Standard
	265	24	2 W	BA9s	G3.5			10	C	■			Standard
	1445	12	2 W	BA9s	G3.5			10	C	■			Standard
PARKING LIGHT, DASHBOARD LIGHT													
BA9s 	1816	12	4 W	BA9s	T3.25			10	C	■			Standard
	1891	12	3 W	BA9s	T3.25			10	C	■			Standard
	1893	12	5 W	BA9s	T3.25			10	C	■			Standard
PARKING LIGHT													
BA9s 	1895	12	4 W	BA9s	G4.5			10	C	■			Standard
PARKING LIGHT, DASHBOARD LIGHT													

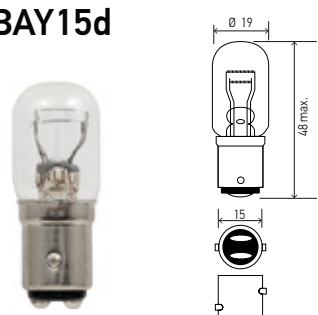
C = Box B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product

Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
BA9s 	3796	12	2 W	BA9s	T2.75			10	C			■	Standard
	3797	24	2 W	BA9s	T2.75			10	C				Standard
	◆ 3797TB	24	2 W	BA9s	T2.75			2	B				Standard
	3893	12	4 W	BA9s	T2.75			10	C	■	■		Standard
	3893TB	12	4 W	BA9s	T2.75			2	B	■	■		Standard
	◆ 3893SB	12	4 W	BA9s	T2.75			1	B	■	■		Standard
	3930	24	4 W	BA9s	T2.75			10	C	■	■		Standard
	◆ 3930TB	24	4 W	BA9s	T2.75			2	B	■	■		Standard
PARKING LIGHT													

BAU15s P21W PY21W 	7507C	12	21 W	BAU15s	S8			10	C				Standard
	◆ 7507CTB	12	21 W	BAU15s	S8			2	B				Standard
	7507	12	21 W	BAU15s	S8			10	C		■	■	Standard
	◆ 7507TB	12	21 W	BAU15s	S8			2	B		■	■	Standard
	7510LTS	24	21 W	BAU15s	S8			10	C				Heavy Duty
	◆ 7510LTSTB	24	21 W	BAU15s	S8			2	B				Standard
	9507	24	21 W	BAU15s	S8			10	C		■	■	Standard (Amber)
	◆ 9507TB	24	21 W	BAU15s	S8			2	B		■	■	Standard (Amber)
	◆ 5009	12	10 W	BAU15s	S8			10	C				Standard
	FLASHING LIGHT AND FRONT, REAR SIDE SIGNAL LIGHT												

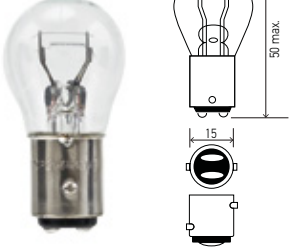
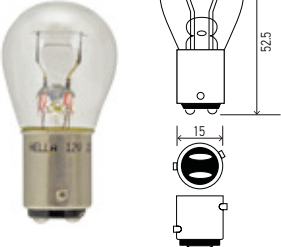
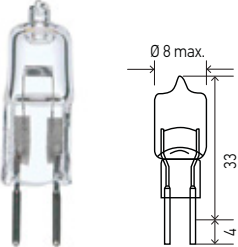
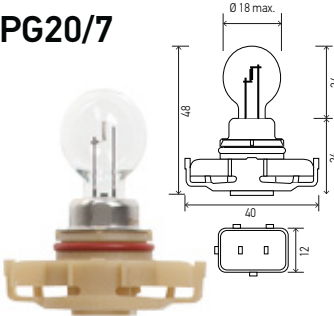
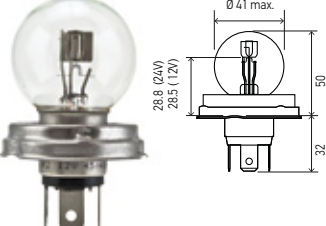
BAY15d 	198HD	12	29/10 W	BAY15d	S8			10	C	■			Heavy Duty	
	1034	12	23/8 W	BAY15d	S8			10	C	■			Standard	
	1034A	12	23/8 W	BAY15d	S8			10	C	■			Standard (Amber)	
	1034NA	12	23/8 W	BAY15d	S8			10	C	■			Standard (Nat. amber)	
	◆ 1034TB	12	23/8 W	BAY15d	S8			2	B	■			Standard	
	1157	12	27/8 W	BAY15d	S8			10	C	■			Standard	
	◆ 1157TB	12	27/8 W	BAY15d	S8			2	B	■			Standard	
	1157LL	12	27/8 W	BAY15d	S8			10	C	■			Long Life	
	◆ 1157A	12	27/8 W	BAY15d	S8			10	C	■			Standard	
	1157NA	12	27/8 W	BAY15d	S8			10	C	■			Standard (Nat. amber)	
	2057	12	27/7 W	BAY15d	S8			10	C	■			Standard	
	2057LL	12	27/7 W	BAY15d	S8			10	C	■			Long Life	
	2057NA	12	27/7 W	BAY15d	S8			10	C	■			Standard (Nat. amber)	
	2057NALL	12	27/7 W	BAY15d	S8			10	C	■			Long Life (Nat. amber)	
	2357	12	29/8 W	BAY15d	S8			10	C	■			Standard	
	2357LL	12	29/8 W	BAY15d	S8			10	C	■			Long Life	
	2357NA	12	29/8 W	BAY15d	S8			10	C	■			Standard (Nat. amber)	
	2397	12	29/8 W	BAY15d	S8			10	C	■			Standard	
	STOP LIGHT, REAR POSITION LIGHT													

BAY15d 	3496	12	27/8 W	BAY15d	T6			10	C	■			Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)												

Measures in millimeters


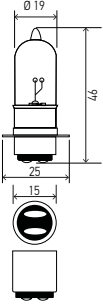

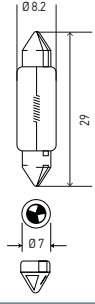

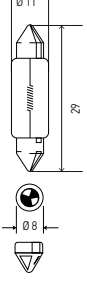

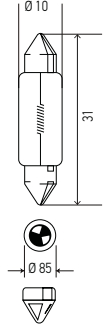

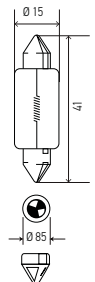
PRODUCT RANGE

3.2 MINIATURE BULBS SUMMARY

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
BAY15d 	7528	12	21/5 W	BAY15d	S8			10	C	■	■		Standard
	7537	24	21/5 W	BAY15d	S8			10	C				Standard
	◆ 7537SB	24	21/5 W	BAY15d	S8			1	B	■	■		Standard
	◆ 7537TB	24	21/5 W	BAY15d	S8			2	B	■	■		Standard
	7528TB	12	21/5 W	BAY15d	S8			2	B				Standard
	7528SB	12	21/5 W	BAY15d	S8			1	B				Standard
	STOP LIGHT, REAR POSITION LIGHT												
BAZ15d P21/4W 	7225	12	21/4 W	BAZ15d	S8			10	C	■	■		Standard
	◆ 7225TB	12	21/4 W	BAZ15d	S8			2	B	■	■		Standard
POSITION LIGHT, REAR FOG LIGHT, STOP LIGHT													
G4 	JC20	12	20 W	G4	T3			10	C				Standard
	JC5	12	5 W	G4	T3			10	C				Standard
	JC10	12	10 W	G4	T3			10	C				Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)												
PG20/7 	◆ PSX24W	12	24 W	PG20/7	S8			1	C	■			Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)												
P45t R2 	7951	12	45/40 W	P45t	S13			10	C	■	■		Standard
	7951 55/50W	12	55/50 W	P45t	S13			10	C				Standard
	7952	24	55/50 W	P45t	S13			10	C		■		Standard
	◆ 7952TB	24	55/50 W	P45t	S13			2	B			■	Standard
	LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)												

C = Box B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product


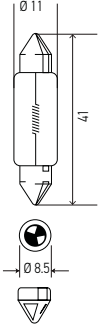

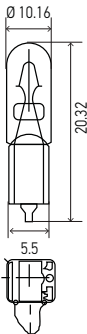

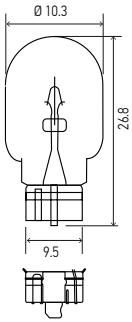

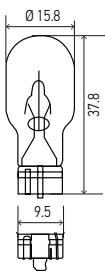
Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
 	A3603	12	25/25 W	PX15d	T6			1	C				Standard
	A3625	6	25/25 W	PX15d	T6			1	C				Standard
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
 	DE3021	12	3 W	SV7-8	T2.25			10	C	■			Standard (8x29mm)
	◆ DE3021TB	12	3 W	SV7-8	T2.25			2	B	■			Standard (8x29mm)
	◆ DE3021SB	12	3 W	SV7-8	T2.25			1	B	■			Standard (8x29mm)
	DE3022	12	5 W	SV7-8	T2.25			10	C	■			Standard (8x29mm)
PARKING LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, INTERIOR LIGHT, TRUNK LIGHT													
 	6428	12	3 W	SV7-8	T2.5			10	C				Standard (8x28mm)
	6430	24	3 W	SV7-8	T2.5			10	C				Standard (8x29mm)
	6438	12	10 W	SV7-8	T2.5			10	C				Standard (8x31mm)
PARKING LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, INTERIOR LIGHT, TRUNK LIGHT													
 	DE3175	12	10 W	SV8.5-8	T3.25			10	C	■			Standard (10x31mm)
	◆ DE3175TB	12	10 W	SV8.5-8	T3.25			2	B	■			Standard (10x31mm)
	◆ DE3175SB	12	10 W	SV8.5-8	T3.25			1	B				Standard (10x31mm)
	DE3425	12	10 W	SV8.5-8	T3.25			10	C	■			Standard (13x37mm)
	6411	12	10 W	SV8.5-8	T3.25			10	C				Standard (10x41mm)
	◆ 6411TB	12	10 W	SV8.5-8	T3.25			2	B				Standard (10x41mm)
	◆ 6411LED 6.5K	12	1 W	SV8.5-8	T3.25			1	B				LED
	◆ 6411LED 5K	12	1 W	SV8.5-8	T3.25			1	B				LED
	6418	12	5 W	SV8.5-8	T3.25			10	C		■	■	Standard (10x35mm)
	◆ 6418TB	12	5 W	SV8.5-8	T3.25			2	B		■	■	Standard (10x35mm)
	◆ 6418LED 6.5K	12	1 W	SV8.5-8	T3.25			1	B				LED
	◆ 6418LED 5K	12	1 W	SV8.5-8	T3.25			1	B				LED
	6423	24	5 W	SV8.5-8	T3.25			10	C		■	■	Standard (10x35mm)
	◆ 6423TB	24	5 W	SV8.5-8	T3.25			2	B		■	■	Standard (10x35mm)
	6429	24	10 W	SV8.5-8	T3.25			10	C				Standard (11x41mm)
	◆ 6429TB	24	10 W	SV8.5-8	T3.25			2	B				Standard (11x41mm)
PARKING LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, INTERIOR LIGHT, TRUNK LIGHT													
 	6451	12	15 W	SV8.5-8	T4.625			10	C				Standard (15x44mm)
	6453	24	15 W	SV8.5-8	T4.625			10	C				Standard (15x44mm)
	6475	12	18 W	SV8.5-8	T4.625			10	C				Standard (15x41mm)
	6476	12	21 W	SV8.5-8	T4.75			10	C		■		Standard (15x43mm)
	6480	24	18 W	SV8.5-8	T4.625			10	C				Standard (15x43mm)
PARKING LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, INTERIOR LIGHT, TRUNK LIGHT													

Measures in millimeters


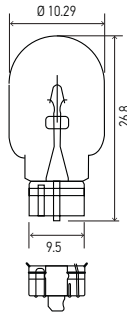

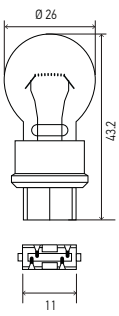

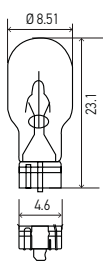

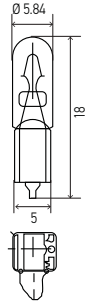

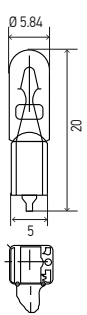
PRODUCT RANGE

3.2 MINIATURE BULBS SUMMARY

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features	
SV8.5-8 C5W  	6413	12	5 W	SV8.5-8	T3.25			10	C				Standard (11x41mm)	
	6424	24	5 W	SV8.5-8	T3.25			10	C				Standard (11x41mm)	
PARKING LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, INTERIOR LIGHT, TRUNK LIGHT														
W2.1x4.9d  	17	24	2 W	W2.1x4.9d	T1.75			10	C	■			Standard	
	73	12	1.1 W	W2.1x4.9d	T1.75			10	C	■			Standard	
	◆ 73TB	12	1.1 W	W2.1x4.9d	T1.75			2	B	■			Standard	
	74	12	1.4 W	W2.1x4.9d	T1.75			10	C	■	■		Standard	
DASHBOARD LIGHT														
W2.1x9.5d  	158	12	3 W	W2.1x9.5d	T3.25			10	C	■			Standard	
	158A	12	3 W	W2.1x9.5d	T3.25			10	C	■			Standard (Amber)	
	◆ 158TB	12	3 W	W2.1x9.5d	T3.25			2	B	■			Standard	
	168	12	5 W	W2.1x9.5d	T3.25			10	C	■			Standard	
	◆ 168TB	12	5 W	W2.1x9.5d	T3.25			2	B	■			Standard	
	194	12	4 W	W2.1x9.5d	T3.25			10	C	■			Standard	
	194B	12	4 W	W2.1x9.5d	T3.25			10	C	■			Standard (Blue)	
	194NA	12	4 W	W2.1x9.5d	T3.25			10	C	■			Standard (Nat. amber)	
	194R	12	4 W	W2.1x9.5d	T3.25			10	C	■			Standard (Red)	
	400	24	3 W	W2.1x9.5d	T3.25			10	C	■			Standard	
	◆ 2840	24	2 W	W2.1x9.5d	T3.25			10	C	■			Standard	
	DASHBOARD LIGHT													
	W2.1x9.5d  	912	12	13 W	W2.1x9.5d	T5			10	C	■			Standard
921		12	16 W	W2.1x9.5d	T5			10	C	■	■		Standard	
◆ 921NA		12	18 W	W2.1x9.5d	T5			10	C	■	■		Standard	
◆ 921TB		12	16 W	W2.1x9.5d	T5			2	B	■	■		Standard	
◆ 921SB		12	16 W	W2.1x9.5d	T5			1	B	■	■		Standard	
◆ 921LED 6.5K		12	1 W	W2.1x9.5d	T5			2	B				LED	
◆ 921LED 5K		12	1 W	W2.1x9.5d	T5			2	B				LED	
PARKING LIGHT														

C = Box B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product


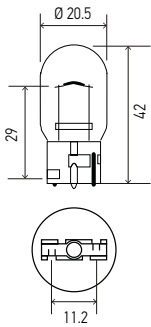

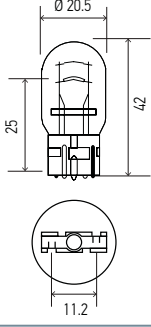

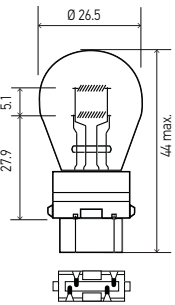

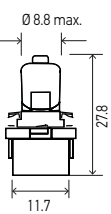

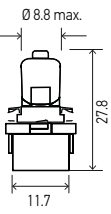

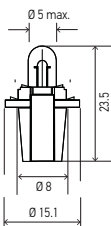
Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
W2.1x9.5d  	2820	12	2 W	W2.1x9.5d	T3.25			10	C				Standard
	2821	12	3 W	W2.1x9.5d	T3.25			10	C		■	■	Standard
	◆ 2821TB	12	3 W	W2.1x9.5d	T3.25			2	B		■	■	Standard
	◆ 2821SB	12	3 W	W2.1x9.5d	T3.25			1	B		■	■	Standard
	2825	12	5 W	W2.1x9.5d	T3.25			10	C		■	■	Standard
	2825BL	12	5 W	W2.1x9.5d	T3.25			10	C				Standard (Blue)
	◆ 2825TB	12	5 W	W2.1x9.5d	T3.25			2	B				Standard
	◆ 2825SB	12	5 W	W2.1x9.5d	T3.25			1	B		■		Standard
	2827NA	12	5 W	W2.1x9.5d	T3.25			10	C		■	■	Standard (Nat. amber)
	◆ 2827NATB	12	5 W	W2.1x9.5d	T3.25			2	B		■	■	Standard
	2841	24	3 W	W2.1x9.5d	T3.25			10	C		■	■	Standard
	◆ 2841TB	24	3 W	W2.1x9.5d	T3.25			2	B		■	■	Standard
	2845	24	5 W	W2.1x9.5d	T3.25			10	C				Standard
	◆ 2845SB	24	5 W	W2.1x9.5d	T3.25			1	B		■	■	Standard
	◆ 2845TB	24	5 W	W2.1x9.5d	T3.25			2	B		■	■	Standard
	3652	12	5 W	W2.1x9.5d	T3.25			10	C				Standard
	PARKING LIGHT, DASHBOARD LIGHT, LICENSE PLATE LIGHT, GLOVE COMPARTMENT LIGHT, FLASHING LIGHT ADDITIONAL, INTERIOR LIGHT												
W2.5x16d  	3156	12	27 W	W2.5x16d	S8			10	C	■	■		Standard
	3047	12	21/7 W	W2.5x16q	S8			10	C	■			Standard
	3047LL	12	21/7 W	W2.5x16q	S8			10	C	■			Long Life
	3057	12	27/7 W	W2.5x16q	S8			10	C	■			Standard
	3157	12	27/7 W	W2.5x16q	S8			10	C	■			Standard
	3157LL	12	27/7 W	W2.5x16q	S8			10	C	■	■		Long Life
	◆ 3157TB	12	27/7 W	W2.5x16q	S8			2	B		■		Standard
	3157NA	12	27/7 W	W2.5x16q	S8			10	C	■			Standard (Nat. amber)
	3457	12	29/8 W	W2.5x16q	S8			10	C	■			Standard
	3457NA	12	29/8 W	W2.5x16q	S8			10	C	■			Standard (Nat. amber)
FLASHING LIGHT, REAR SIGNAL LIGHT													
W2x4.6d  	24	12	3 W	W2x4.6d	T2.75			10	C	■			Standard
	24NA	12	3 W	W2x4.6d	T2.75			10	C	■			Standard (Nat. amber)
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
W2x4.6d  	37	12	1.3 W	W2x4.6d	T1.75			10	C	■			Standard
LOW BEAM, HIGH BEAM, FOG LIGHT (WHEN IT APPLIES)													
W2x4.6d  	2721	12	1.2 W	W2x4.6d	T1.5			10	C	■		■	Standard
	◆ 2721TB	12	1.2 W	W2x4.6d	T1.5			2	B		■		Standard
	◆ 2722	12	21 W	W2x4.6d	T1.5			10	C			■	Standard
	2723	12	2.3 W	W2x4.6d	T1.5			10	C		■		Standard
	2741	24	1.2 W	W2x4.6d	T1.5			10	C				Standard
	◆ 2741TB	24	1.2 W	W2x4.6d	T1.5			2	B				Standard
DASHBOARD LIGHT													

Measures in millimeters


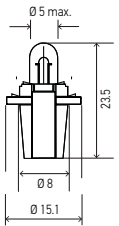

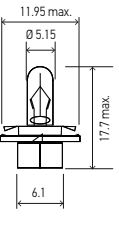

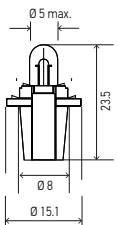

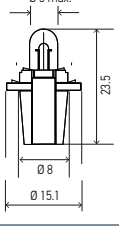

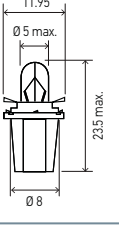

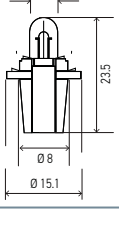

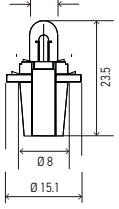
PRODUCT RANGE

3.2 MINIATURE BULBS SUMMARY

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
 	7440	12	21 W	W3x16d	T6.5			10	C	■	■	■	Standard
	7440LL	12	21 W	W3x16d	T6.5			10	C	■	■	■	Long Life
	7440NA	12	21 W	W3x16d	T6.5			10	C	■	■		Standard (Nat. amber)
	7440TB	12	21 W	W3x16d	T6.5			2	B	■			Standard
	7441	12	27 W	W3x16d	T6.5			10	C	■			Standard
REAR POSITION LIGHT, STOP LIGHT													
 	7443	12	21/5 W	W3x16q	T6.5			10	C	■	■	■	Standard
	7443LL	12	21/5 W	W3x16q	T6.5			10	C	■	■	■	Long Life
	7443A	12	21/5 W	W3x16q	T6.5			10	C	■			Standard (Amber)
	7443NA	12	21/5 W	W3x16q	T6.5			10	C	■			Standard (Nat. amber)
	7443TB	12	21/5 W	W3x16q	T6.5			2	B	■	■	■	Standard
FLASHING LIGHT AND REAR SIGNAL LIGHT, ADDITIONAL FLASHING LIGHT, STOP LIGHT													
 	3757A	12	27/7 W	W2.5x16q	S8			10	C	■			Standard (Amber)
	FLASHING LIGHT AND REAR SIGNAL LIGHT, STOP LIGHT												
 	007997101	12	3 W	B10d				10	C				Brown base
	DASHBOARD LIGHT												
 	007997111	12	5 W	B10d				10	C				Black base
	DASHBOARD LIGHT												
 	007997061	24	1.2 W	B8.3d				10	C				Grey base
	DASHBOARD LIGHT												

C = Box B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product





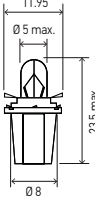

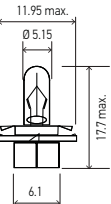

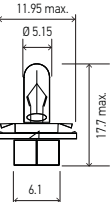

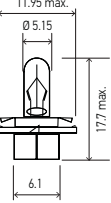
Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
B8.3d  	007997001	12	2 W	B8.3d				10	C				White base
	DASHBOARD LIGHT												
B8.5d  	007997031	12	1.2 W	B8.5d				10	C				Black base
	DASHBOARD LIGHT												
B8.3d  	007997041	12	1.2 W	B8.3d				10	C				Black base
	DASHBOARD LIGHT												
B8.5d  	007997071	24	1.2 W	B8.5d				10	C				Grey base
	DASHBOARD LIGHT												
B8.5d  	007997081	12	2 W	B8.5d				10	C				Green base
	DASHBOARD LIGHT												
B8.7d  	007997051	12	2 W	B8.7d				10	C				Grey base
	DASHBOARD LIGHT												
B8.7d  	007997091	12	2 W	B8.7d				10	C				Green base
	DASHBOARD LIGHT												

Measures in millimeters


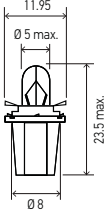

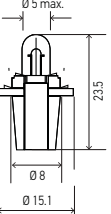

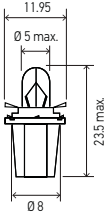

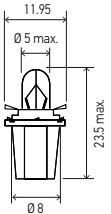

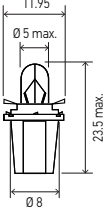


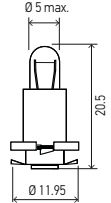
PRODUCT RANGE

3.2 MINIATURE BULBS SUMMARY

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
BG8.5-5.5d 	007997231	12	1.2 W	BG8.5-5.5d				10	C				Black base
	DASHBOARD LIGHT												
BG8-5.5d 	007997241	12	1.2 W	BG8-5.5d				10	C				Black base
	DASHBOARD LIGHT												
BG8.5-S/40 	007997251	12	1.2 W	BG8.5-S/40				10	C				Black base
	DASHBOARD LIGHT												
BX8.4d  	007997121	12	1.2 W	BX8.4d				10	C				Black base
	DASHBOARD LIGHT												
BX8.4d  	007997131	12	1.5 W	BX8.4d				10	C				Green base
	DASHBOARD LIGHT												
BX8.4d  	007997141	12	1.5 W	BX8.4d				10	C				Beige base
	DASHBOARD LIGHT												
BX8.4d  	007997171	12	1.1 W	BX8.4d				10	C				Orange base
	DASHBOARD LIGHT												

C = Box B = Blister Pack P = Plastic Case
 * = OPTILUX Product Range ◆ = New Product


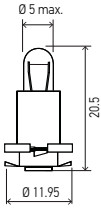

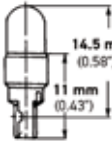

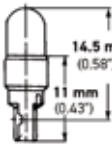
Measures in millimeters

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
 	007997151	12	0.36 W	BX8.5d				10	C				Violet base
DASHBOARD LIGHT													
 	007997161	12	1.5 W	BX8.5d				10	C				Beige base
DASHBOARD LIGHT													
 	007997211	12	1.2 W	BX8.5d				10	C				Blue base
DASHBOARD LIGHT													
 	007997221	12	2 W	BX8.5d				10	C				Light Green base
DASHBOARD LIGHT													
 	007997261	24	1.2 W	BX8.5d				10	C				Brown base
DASHBOARD LIGHT													
	007997272	24	1.2 W	EBS N10				10	C				Grey base
DASHBOARD LIGHT													
 	007997191	24	1.2 W	EBS R4				10	C				Yellow base
DASHBOARD LIGHT													

Measures in millimeters


PRODUCT RANGE

3.2 MINIATURE BULBS SUMMARY

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
EBS R6  	007997201	24	1.2 W	EBS R6				10	C				Brown base
	DASHBOARD LIGHT												
W2x4.6d  	007997011	12	1.2 W	W2x4.6d		T1.5		10	C				White base
	DASHBOARD LIGHT												
W2x4.6d  	007997021	24	1 W	W2x4.6d		T1.5		10	C				White base
	DASHBOARD LIGHT												

PRODUCT RANGE

3.3 BULBS AND FUSES SET

Product Image / Dimensions	Part Number	Set Content	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	
	◇ H1EMK	H1	12	55 W	P14.5s	T2.5	1550		1	P	■	■	■	
		1034	12	23/8 W	BAY15d	S8			1	P	■			
		7507 (P21W)	12	21 W	BAU15s	S8			1	P		■	■	
		2825 (W5W)	12	5 W	W2.1x9.5d	T3.25			1	P		■	■	
		Fuse: 10 A	12						1	P				
		Fuse: 20 A	12						1	P				
		Fuse: 30 A	12						1	P				
	◇ H4EMK	H4	12	60/55 W	P43t	T4.625		1650/1000	3200	1	P		■	■
		7528 (P21/5W)	12	21/5 W	BAY15d	S8				1	P		■	■
		7506 (P21W)	12	21 W	BA15s	S8				1	P		■	■
		5007 (W5W)	12	5 W	BA15s	B6				1	P		■	■
		7507 (P21W)	12	21 W	BAU15s	S8				1	P		■	■
		3893 (T4W)	12	4 W	BA9s	T2.75				1	P	■	■	
		Fuse: 10 A	12						1	P				
Fuse: 20 A		12						1	P					
Fuse: 30 A		12						1	P					
◇ H7EMK	H7	12	55 W	PX26d	T4.625		1350		1	P	■	■	■	
	7528 (P21/5W)	12	21/5 W	BAY15d	S8				1	P		■	■	
	7506 (P21W)	12	21 W	BA15s	S8				1	P		■	■	
	5007 (W5W)	12	5 W	BA15s	B6				1	P		■	■	
	7507 (P21W)	12	21 W	BAU15s	S8				1	P		■	■	
	2825 (W5W)	12	5 W	W2.1x9.5d	T3.25				1	P		■	■	
	Fuse: 10 A	12						1	P					
	Fuse: 20 A	12						1	P					
Fuse: 30 A	12						1	P						
◇ 9005EMK	9005	12	65 W	P20d	T4		1860		1	P	■	■	■	
	1157A (P21/5W)	12	27/8 W	BAY15d	S8				1	P	■			
	3757A	12	27/7 W	WX2.5X16q	S8				1	P	■			
	2825 (W5W)	12	5 W	W2.1x9.5d	T3.25				1	P		■	■	
	Fuse: 10 A	12						1	P					
	Fuse: 20 A	12						1	P					
◇ 9006EMK	9006	12	55 W	P22d	T4		1095		1	P	■	■	■	
	1157A (P21/5W)	12	27/8 W	BAY15d	S8				1	P	■			
	3757A	12	27/7 W	WX2.5X16q	S8				1	P	■			
	2825 (W5W)	12	5 W	W2.1x9.5d	T3.25				1	P		■	■	
	Fuse: 10 A	12						1	P					
	Fuse: 20 A	12						1	P					
◇ H724VEMK	H7 24V	24	70 W	PX26d	T4.625		1750		1	P		■	■	
	7537 (P21/5W)	24	21/5 W	BAY15d	S8				1	P				
	7511 (P21W)	24	21 W	BA15s	S8				1	P		■	■	
	5627	24	5 W	BA15s	B6				1	P		■	■	
	7510LTS (P21W)	24	21 W	BAU15s	S8				1	P				
	Fuse: 10 A	24						1	P					
	Fuse: 20 A	24						1	P					
	Fuse: 30 A	24						1	P					
◇ H424VEMK	H4 24V	24	75/70 W	P43t	T4.625		1900/1200		1	P		■	■	
	7537 (P21/5W)	24	21/5 W	BAY15d	S8				1	P				
	7511 (P21W)	24	21 W	BA15s	S8				1	P		■	■	
	5627	24	5 W	BA15s	B6				1	P		■	■	
	7510LTS (P21W)	24	21 W	BAU15s	S8				1	P				
	Fuse: 10 A	24						1	P					
	Fuse: 20 A	24						1	P					
Fuse: 30 A	24						1	P						

Measures in millimeters



NEW!


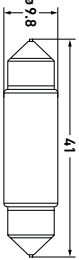

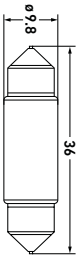

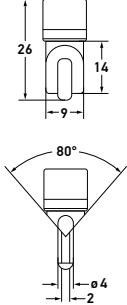


Modern light inside the car in a simple way with the new HELLA LED bulbs. The new HELLA LED Bulbs features a pleasant color temperature, with a high performance light and especially for energy efficiency and long life.

3.4 LED MINIATURE BULBS

PRODUCT RANGE

3.4 LED MINIATURE BULBS

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
6411 LED  	◆ 6411LED 5K	12	1 W	SV8.5-8	-	-	5000	1	B				
	◆ 6411LED 6.5K	12	1 W	SV8.5-8	-	-	6500	1	B				
REPLACES: 6411, 6413, 6451, 6475													
6418 LED  	◆ 6418LED 5K	12	1 W	SV8.5-8	-	-	5000	1	B				
	◆ 6418LED 6.5K	12	1 W	SV8.5-8	-	-	6500	1	B				
REPLACES: 6418													
921 LED  	◆ 921LED 5K	12	1 W	W2.1x9.5d	-	-	5000	2	B				
	◆ 921LED 6.5K	12	1 W	W2.1x9.5d	-	-	6500	2	B				
REPLACES: 921, 158, 168, 194, 2820, 2821, 2825, 2827, 3652, 912													

LED MINIATURE BULBS



**NEW
4300 K & 5000K**

Mercury Free



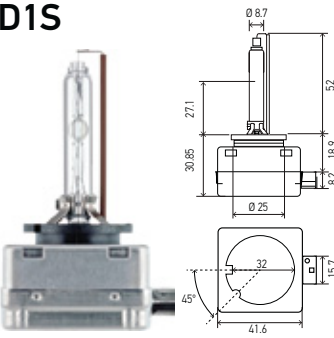
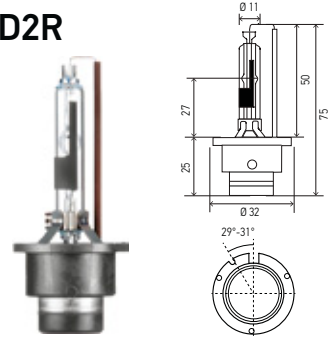
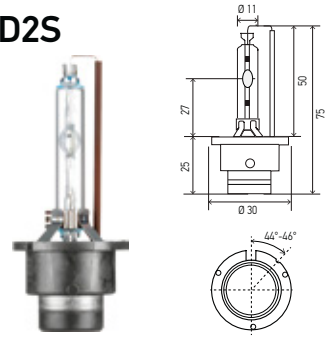
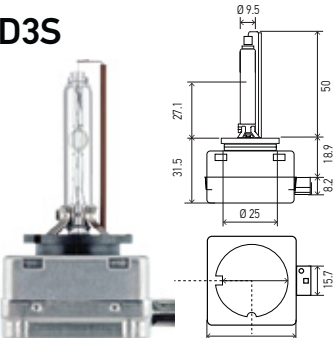
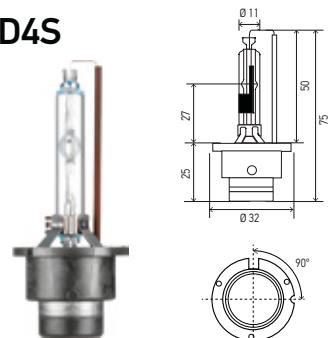
With a color temperature of 4300K, twice as bright as halogen bulbs and with about three times their luminous efficiency, the white light of these new generation xenon bulbs ensures safety and relaxed driving.

The new HELLA XENON +30 bulbs have a color temperature of up to 5000K, which rivals white LED daytime running lights, offer maximum illumination and visibility similar to daylight. With a low power consumption of 35W, resistance to vibrations and a long service life.

3.5 High Intensity Discharge Lamps (HID)

PRODUCT RANGE

3.5 HIGH INTENSITY DISCHARGE LAMPS (HID)

Product Image / Dimensions	Part Number	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Kelvin	Content	Packaging	DOT	ECE	INMETRO	Features
	◆ D1S 4300 K	12/24	35 W	PK32d-2	T3	3,200	4300	1	C		■		Standard
	◆ D1S 5000 K	12/24	35 W	PK32d-2	T3		5000	1	C		■		Performance +30
	LOW BEAM, HIGH BEAM												
	◆ D2R 4300 K	12/24	35 W	P32d-3	T3	3,200	4300	1	C		■		Standard
	◆ D2R 5000 K	12/24	35 W	P32d-3	T3	2,800	5000	1	C		■	■	Performance +30
	LOW BEAM, HIGH BEAM												
	◆ D2S 4300 K	12/24	35 W	P32d-2	T2-3/4	3,200	4300	1	C				Standard
	◆ D2S 5000 K	12/24	35 W	P32d-2	T2-3/4		5000	1	C				Performance +30
	LOW BEAM, HIGH BEAM												
	◆ D3S 4300 K	12/24	35 W	P32d-2	T3	3,200	4300	1	C		■		Standard
	LOW BEAM, HIGH BEAM												
	◆ D4S 4300 K	12/24	35 W	P32d-5	T2-3/4	2,800	4300	1	C				Standard
	LOW BEAM, HIGH BEAM												

C = Box B = Blister Pack P = Plastic Case

* = OPTILUX Product Range

◆ = New Product

Measures in millimeters

HELLA BULBS

BLISTER PACKS



NEW!

HELLA develops and manufactures light bulbs for the automotive industry and also has one of the largest retail organizations for auto parts. Our new range of blister packs lets you choose between different styles of light bulbs in a striking design for retail.



STANDARD

STANDARD

- 12 V and 24 V, double and individual blister
- Exclusive high-quality quartz crystal halogen gas formulation
- Original equipment quality
- Excellent luminous efficiency, quality / price
- Complies with global standards (ECE R37, SAE / DOT and INMETRO regulations)



PERFORMANCE

HELLA +50

- 12 V, double blister pack
- Up to 50% more light than standard Hella bulbs
- Exclusive high-quality quartz crystal halogen gas formulation
- Meets global standards (ECE R37, SAE / DOT and INMETRO regulations).



PERFORMANCE

HIGH PERFORMANCE 2.0

- 12 V, double blister pack
- Up to 100% more light than standard Hella bulbs
- Exclusive halogen gas and high quality quartz crystal formulation with blue coating
- Meets global standards (ECE R37, SAE / DOT and INMETRO regulations).



DESIGN

XTREME YELLOW

- Improved visibility under foggy, hail and rain conditions, due to its color tempera ture reduces reflection on objects
- 12 V - Double blister pack
- Exclusive high-quality halogen gas and quartz crystal formulation with yellow coating
- Recommended for vehicles in rural and off-road areas
- For off-road use.



HIGH WATTAGE

HIGH WATTAGE

- 12 V - double and single blister pack
- More light output compared to standard Hella bulbs
- Excellent luminous efficiency, quality / price ratio
- For off-road use only



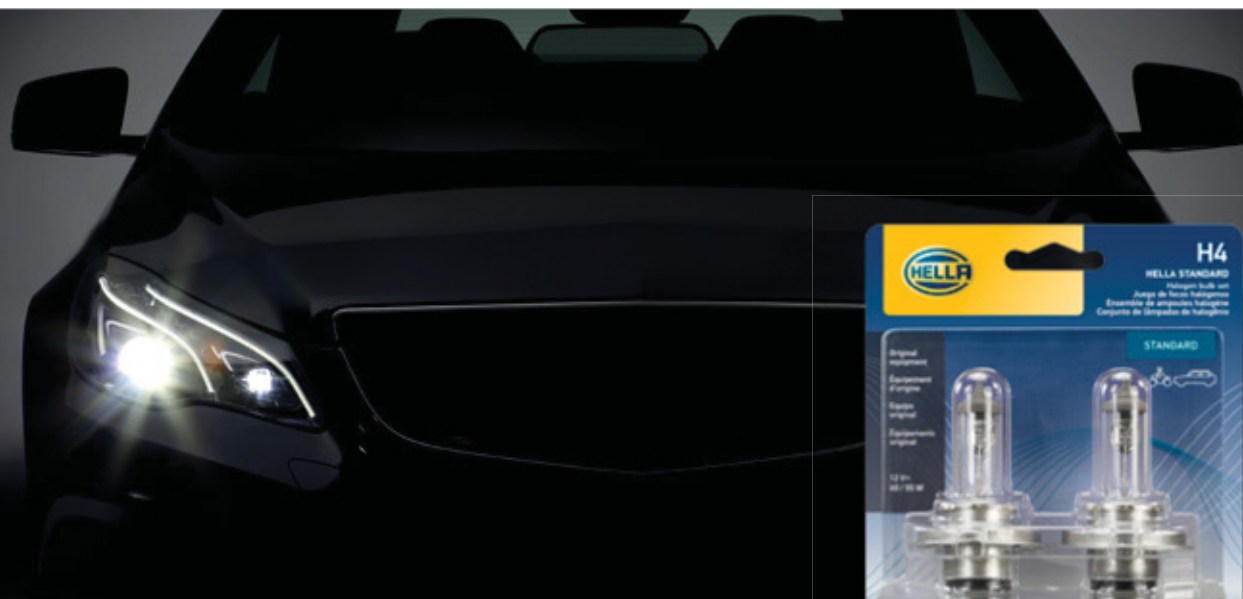
HEAVY DUTY

HEAVY DUTY / DOUBLE POWER

- 12 V and 24 V- Box, double and single blister pack
- Greater durability and resistance to vibrations compared to standard Hella bulbs
- Heavy-duty bulbs offer more power and durability by reducing replacement times.

PRODUCT RANGE

4.0 SPECIAL BULBS



HELLA STANDARD - HALOGEN

HELLA Standard halogen lamps provide original equipment manufacturer quality and a great value for your money. DOT, ECE and inmetro certified*

Note: Please note that bulbs with too high of a wattage can cause the overheating of the wiring and damage to the headlight.

Features:

- Best mixture of light output and reliability
- Original equipment quality
- Excellent luminous efficiency.
- Excellent quality / price

HELLA STANDARD - HALOGEN 12 V

Double Blister Pack



Part Number	Type	Voltage	Wattage	Base	Content	Packaging
◆ 9003TB	9003/HB2	12 V	60/55 W	P43t	2	B
◆ 9004TB	9004/HB1	12 V	65/45 W	P29t	2	B
◆ 9005TB	9005/HB3	12 V	65 W	P20d	2	B
◆ 9006TB	9006/HB4	12 V	55 W	P22d	2	B
◆ 9007TB	9007/HB5	12 V	65/55 W	PX29t	2	B
◆ H1TB	H1	12 V	55 W	P14.5s	2	B
◆ H10TB	H10	12 V	45 W	PY20d	2	B
◆ H11TB	H11	12 V	55 W	PGJ19-2	2	B
◆ H13TB	H13	12 V	60/55 W	P26.4t	2	B
◆ H3TB	H3	12 V	55 W	PK22s	2	B
◆ H3 35WTB	H3	12 V	35 W	PK22s	2	B
◆ H4TB	H4	12 V	60/55 W	P43t	2	B
◆ H4 35/35WTB	H4	12 V	35/35 W	P43t	2	B
◆ H4 45/45WTB	H4	12 V	45/45 W	P43t	2	B
◆ H4 P45TTB	H4	12 V	60/55 W	P45t	2	B
◆ H7TB	H7	12 V	55 W	PX26d	2	B
◆ H8TB	H8	12 V	35 W	PGJ19-1	2	B
◆ H9TB	H9	12 V	65 W	PGJ19-5	2	B
◆ HS1TB	HS1	12 V	35/35 W	PX43t	2	B
◆ M5 35/35WTB	M5	12 V	35/35 W	P15d-25-1	2	B

Single Blister Pack



Part Number	Type	Voltage	Wattage	Base	Content	Packaging
◆ 9003SB	9003/HB2	12 V	60/55 W	P43t	1	B1
◆ 9004SB	9004/HB1	12 V	65/45 W	P29T	1	B1
◆ 9005SB	9005/HB3	12 V	65 W	P20d	1	B1
◆ 9006SB	9006/HB4	12 V	55 W	P22d	1	B1
◆ 9007SB	9007/HB5	12 V	65/55 W	PX29t	1	B1
◆ H1SB	H1	12 V	55 W	P14.5s	1	B1
◆ H10SB	H10/9145	12 V	45 W	PY20d	1	B1
◆ H11SB	H11	12 V	55 W	PGJ19-2	1	B1
◆ H13SB	H13	12 V	60/55 W	P26.4t	1	B1
◆ H3SB	H3	12 V	55 W	PK22s	1	B1
◆ H3 35WSB	H3	12 V	35 W	PK22s	1	B1
◆ H4SB	H4	12 V	60/55 W	P43T	1	B1
◆ H4 35/35WSB	H4	12 V	35/35 W	P43T	1	B1
◆ H4 45/45WSB	H4	12 V	45/45 W	P43T	1	B1
◆ H4 P45TSB	H4	12 V	60/55 W	P45t	1	B1
◆ H7SB	H7	12 V	55 W	PX26d	1	B1
◆ H8SB	H8	12 V	35 W	PGJ19-1	1	B1
◆ H9SB	H9	12 V	65 W	PGJ19-5	1	B1
◆ HS1SB	HS1	12 V	35/35 W	PX43t	1	B1
◆ M5 35/35WSB	M5	12 V	35/35 W	P15d-25-1	1	B1
◆ H16SB	H16	12 V	19 W	PGJ19-3	1	B1



HELLA STANDARD - MINIATURE BULBS

Miniature bulbs cover a wide range of mostly low voltage bulb types with unique shapes and bases. HELLA miniature bulbs are manufactured with precise lighting requirements to fit a wide variety of brake lamp, stop lamp, turn signal, and reverse lamp applications. DOT, ECE and inmetro certified*

Features:

- Fits a wide variety of applications
- Excellent luminous efficiency.
- Excellent quality / price

HELLA STANDARD MINIATURE:

Double Blister Pack.



Part Number	Type	Voltage	Wattage	Base	Content	Packaging
◆ 7506TB	7506	12 V	21 W	BA15s	2	B
◆ 1034TB	1034	12 V	23/8 W	BAY15D	2	B
◆ 2825TB	2825	12 V	5 W	W2.1x9.5d	2	B
◆ 7528TB	7528	12 V	21/5 W	BAY15d	2	B
◆ 921TB	921	12 V	16 W	W2.1x9.5d	2	B
◆ 7443TB	7443	12 V	21/5 W	W3X16q	2	B
◆ 158TB	158	12 V	3 W	W2.1x9.5d	2	B
◆ 5007TB	5007	12 V	5 W	BA15s	2	B
◆ 67TB	67	12 V	8 W	BA15s	2	B
◆ 3898TB	3898	12 V	2 W	BA7s	2	B
◆ 3157TB	3157	12 V	27/7 W	W2.5x16q	2	B
◆ 5008TB	5008	12 V	10 W	BA15s	2	B
◆ 5637TB	5637	24 V	10 W	BA15s	2	B
◆ 3893TB	3893	12 V	4 W	BA9s	2	B
◆ 7440TB	7440	12 V	21 W	W3X16d	2	B
◆ 7507TB	7507	12 V	21 W	BAU15s	2	B
◆ DE3175TB	3175	12 V	10 W	SV8.5-8	2	B
◆ 6411TB	6411	12 V	10 W	SV8.5-8	2	B
◆ 2721TB	2721	12 V	1.2 W	W2x4.6d	2	B
◆ 168TB	168	12 V	5 W	W2.1x9.5d	2	B

Single Blister Pack.



Part Number	Type	Voltage	Wattage	Base	Content	Packaging
◆ 73TB	73	12 V	1.1 W	W2.1x4.9d	2	B
◆ 53TB	53	12 V	2 W	BA9s	2	B
◆ 1157TB	1157	12 V	27/8 W	BA9s	2	B
◆ 7507CTB	7507C	12 V	21 W	BAU15S	2	B
◆ 1141TB	1141	12 V	18 W	BA15s	2	B
◆ 7506ATB	7506A	12 V	21 W	BA15s	2	B
◆ 6418TB	6418	12 V	5 W	SV8.5-8	2	B
◆ DE3021TB	3021	12 V	3 W	SV7-8	2	B
◆ 7225TB	7225	12 V	21/4 W	BAZ15d	2	B
◆ 2827NATB	2827NA	12 V	5 W	W2.1x9.5d	2	B
◆ 2821TB	2821	12 V	3 W	W2.1x9.5d	2	B
◆ 2825SB	2825	12 V	5 W	W2.1x9.5d	1	B1
◆ 7528SB	7528	12 V	21/5 W	BAY15d	1	B1
◆ 921SB	921	12 V	16 W	W2.1x9.5d	1	B1
◆ 5007SB	5007	12 V	5 W	BA15s	1	B1
◆ 5008SB	5008	12 V	10 W	BA15s	1	B1
◆ 3893SB	3893	12 V	4 W	BA9s	1	B1
◆ DE3175SB	3175	12 V	10 W	SV8.5-8	1	B1
◆ 6235SB	6235	12 V	35/35 W	BA20d	1	B1
◆ DE3021SB	3021	12 V	35/35 W	SV7-8	1	B1
◆ 2821SB	2821	12 V	3 W	W2.1x9.5d	1	B1

C = Box B = Blister Pack B1 = Single Blister Pack P = Plastic Case ◆ = New Product

PRODUCT RANGE

4.0 SPECIAL BULBS



HELLA STANDARD - 24 V

In a convenient presentation, HELLA presents its range of 24 V products in plastic blister packs with the same Original Equipment quality in both halogen bulbs and miniature bulbs.

Features:

- Double blister pack and single blister
- Original equipment quality
- Excellent luminous efficiency. Excellent quality / price
- Meets global standards (ECE R37, SAE / DOT and INMETRO)

HELLA STANDARD 24 V:

Double Blister Pack.



Part Number	Type	Voltage	Wattage	Base	Content	Packaging
◆ 1141 24VTB	1141	24 V	18 W	BA15s	2	B
◆ 2741TB	2741	24 V	1.2 W	W2x4.6d	2	B
◆ 2841TB	2841	24 V	3 W	W2.1x9.5d	2	B
◆ 2845TB	2845	24 V	5 W	W2.1x9.5d	2	B
◆ 3797TB	3797	24 V	2 W	BA9s	2	B
◆ 3930TB	3930	24 V	4 W	BA9s	2	B
◆ 5627TB	5627	24 V	5 W	BA15s	2	B
◆ 6423TB	6423	24 V	5 W	SV8.5-8	2	B
◆ 6429TB	6429	24 V	10 W	SV8.5-8	2	B
◆ 7510LTSTB	7510LTS	24 V	21 W	BAU15s	2	B
◆ 7511TB	7511	24 V	21 W	BA15s	2	B
◆ 7534TB	7534	24 V	21/5 W	BA15d	2	B
◆ 7537TB	7537	24 V	21/5 W	BAY15d	2	B
◆ 7952TB	7952	24 V	55/50 W	P45t	2	B
◆ 9507TB	9507	24 V	21 W	BAU15s	2	B
◆ H1 24VTB	H1	24 V	70 W	P14.5s	2	B
◆ H11 24VTB	H11	24 V	70 W	PGJ19-2	2	B
◆ H3 24VTB	H3	24 V	70 W	PK22s	2	B
◆ H4 24VTB	H4	24 V	75/70 W	P43t	2	B
◆ H7 24VTB	H7	24 V	70 W	PX26d	2	B
◆ H9 24VTB	H9	24 V	80 W	PGJ19-5	2	B

Single Blister Pack.



Part Number	Type	Voltage	Wattage	Base	Content	Packaging
◆ 1141 24VSB	1141	24 V	18 W	BA15s	1	B1
◆ 2845SB	2845	24 V	5 W	W2.1x9.5d	1	B1
◆ 5627SB	5627	24 V	5 W	BA15s	1	B1
◆ 7511SB	7511	24 V	21 W	BA15s	1	B1
◆ 7537SB	7537	24 V	21/5 W	BAY15d	1	B1
◆ H1 24VSB	H1	24 V	70 W	P14.5s	1	B1
◆ H11 24VSB	H11	24 V	70 W	PGJ19-2	1	B1
◆ H3 24VSB	H3	24 V	70 W	PK22s	1	B1
◆ H4 24VSB	H4	24 V	75/70 W	P43t	1	B1
◆ H7 24VSB	H7	24 V	70 W	PX26d	1	B1
◆ H9 24VSB	H9	24 V	80 W	PGJ19-5	1	B1



LONG LIFE

The special design of Long Life bulbs for passenger cars guarantees a longer service life, more light performance and reduced energy consumption, making them ideal for frequent drivers and permanent use of daytime running lights. Long Life represents bright but glare-free light. Good performance under extreme conditions for construction machinery or off-road vehicles.

Long Life combines unusual sturdiness and vibration resistance with convincing brightness and long service life.

Features:

- Up to 200% longer life time than HELLA standard bulbs.
- Special mixture of halogen gases to achieve high durability and increase life time
- Meets global standard (ECE R37 & SAE/DOT regulation).
- Color temperature 3,200 K

Some examples of the product range:



H4 24LL



H13LL

HELLA LONG LIFE:

Part Number	Type	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Content	Packaging	DOT	ECE	INMETRO
H1LL	H1	12 V	55 W	P14.5s	T2.5	1550	1	C	■	■	■
◆ H4 24V LL	H4	24 V	75/70 W	P43t	T4.625	1900/1200	1	C	■	■	■
◆ H7 24V LL	H7	24 V	70 W	PX26d	T4.625	1750	1	C	■	■	■
◆ H7LL	H7	12 V	55 W	PX26d	T4.625	1500	1	C	■	■	■
H11LL	H11	12 V	55 W	PGJ19-2	T4	1350	1	C	■	■	■
9003LL	9003	12 V	60/55 W	P43t	T4.625	1500/910	1	C	■	■	■
9004LL	9004	12 V	65/45 W	P29t	T4.625	1200/700	1	C	■	■	■
9005LL	9005	12 V	65 W	P20d	T4	1860	1	C	■	■	■
◆ 9006LL	9006	12 V	55 W	P22d	T4	1095	1	C	■	■	■
9007LL	9007	12 V	65/55 W	PX29t	T4.625	1350/1000	1	C	■	■	■
1003LL	1003	12 V	12 W	BA15s	B6		1	C	■	■	■
1141LL	1141	12 V	18 W	BA15s	S8		1	C	■	■	■
1156LL	1156	12 V	27 W	BA15s	S8		1	C	■	■	■
1157LL	1157	12 V	27/8 W	BAY15d	S8		1	C	■	■	■
2057LL	2057	12 V	27/7 W	BAY15d	S8		1	C	■	■	■
2057NALL	2057	12 V	27/7 W	BAY15d	S8		1	C	■	■	■
2357LL	2357	12 V	29/8 W	BAY15d	S8		1	C	■	■	■
3047LL	3047	12 V	21/7 W	W2.5X16q	S8		1	C	■	■	■
3157LL	3157	12 V	27/7 W	W2.5x16q	S8		1	C	■	■	■
7440LL	7440	12 V	21 W	W3X16d	T6.5		1	C	■	■	■
7443LL	7443	12 V	21/5 W	W3X16q	T6.5		1	C	■	■	■

PRODUCT RANGE

4.0 SPECIAL BULBS

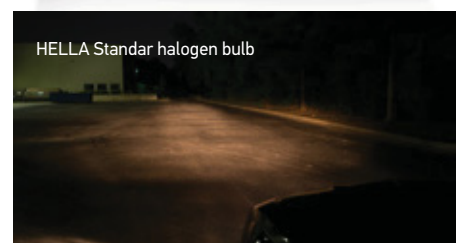


HIGH PERFORMANCE 2.0

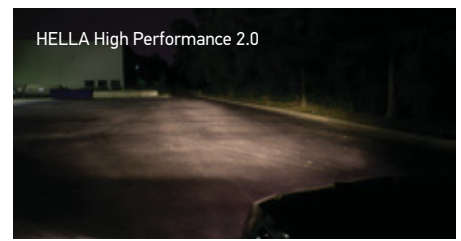
HELLA's HP 2.0 Bulbs have been re-engineered to produce a brighter, whiter light which allows the driver to see more contrast in objects on the road, increasing safety and reaction time. These DOT compliant bulbs have been manufactured under strict HELLA guidelines and are an optimal balance of bulb performance and bulb life. The new HP 2.0 kits contain everything you need to get the job done.

Features:

- 12 V - Double Blister Pack
- Up to 100% more light than HELLA standard bulbs
- Meets global standard (ECE R37 & SAE/DOT and INMETRO regulation).
- Specially designed by halogen mixing gas & filament.
- Color temperature: 3,600 K



HELLA Standar halogen bulb



HELLA High Performance 2.0

HELLA HIGH PERFORMANCE 2.0:

Part Number	Type	Voltage	Wattage	Base	Content	Packaging	DOT	ECE	INMETRO
◆ H1 2.0TB	H1	12 V	55 W	P14.5s	2	B	■	■	007691/2013
◆ H3 2.0TB	H3	12 V	55 W	PK22s	2	B	■	■	007696/2013
◆ 9003 2.0TB	H4 HB2 9003	12 V	60/55 W	P43t	2	B	■	■	007697/2013
◆ H7 2.0TB	H7 12V	12 V	55 W	PX26d	2	B	■	■	007698/2013
◆ H9 2.0TB	H9 12V	12 V	65 W	PGJ19-5	2	B	■	■	-
◆ H11 2.0TB	H11 12V	12 V	55 W	PGJ19-2	2	B	■	■	-
◆ H13 2.0TB	H13 9008	12 V	60/55 W	P26.4t	2	B	■	■	-
◆ 9004 2.0TB	9004 HB1	12 V	65/45W	P29t	2	B	■	■	007699/2013
◆ 9005 2.0TB	9005 HB3	12 V	65 W	P20d	2	B	■	■	007700/2013
◆ 9006 2.0TB	9006 HB4	12 V	55 W	P22d	2	B	■	■	007701/2013
◆ 9007 2.0TB	9007 HB5	12 V	65/55W	PX29t	2	B	■	■	-



Re-engineered filament for greater light output

High quality quartz glass with a specialized blue coating

Exclusive halogen gas formulation for improved performance



HELLA +50

The HELLA +50 version produces 50 percent more light (compared to standard bulbs*) and extends the light cone, giving performance-oriented drivers additional safety time in case of an emergency situation.

Features:

- Up to 50% more light output than HELLA standard bulbs
- Meets global standard (ECE R37 & SAE/ DOT and INMETRO regulation).
- Filament design optimized
- Wider and brighter light
- OE quality
- With silver top coating to be invisible in the headlight

HELLA +50:

Part Number	Type	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Content	Packaging	DOT	ECE	INMETRO
H1P50	H1	12 V	55 W	P14.5s	T2.5	1700	1	C	■	■	■
◆ H1P50TB	H1	12 V	55 W	P14.5s	T2.5	1700	2	B	■	■	■
H3P50	H3	12 V	55 W	PK22s	T3.25	1600	1	C	■	■	■
◆ H3P50TB	H3	12 V	55 W	PK22s	T3.25	1600	2	B	■	■	■
H4P50	H4	12 V	60/55 W	P43t	T4.625	1815/1100	1	C		■	■
◆ H4P50TB	H4	12 V	60/55 W	P43t	T4.625	1815/1100	2	B		■	■
H7P50	H7	12 V	55 W	PX26d	T4.625	1560	1	C	■	■	■
◆ H7P50TB	H7	12 V	55 W	PX26d	T4.625	1560	2	B	■	■	■
H11P50	H11	12 V	55 W	PGJ19-2	T4	1450	1	C	■	■	
◆ H11P50TB	H11	12 V	55 W	PGJ19-2	T4	1450	2	B	■	■	
H13P50	H13	12 V	60/55 W	P26.4t	T4	1650/1100	1	C	■	■	
◆ H13P50TB	H13	12 V	60/55 W	P26.4t	T4	1650/1100	2	B	■	■	
9004P50	9004	12 V	65/45 W	P29t	T4.625	1250/765	1	C	■		■
◆ 9004P50TB	9004	12 V	65/45 W	P29t	T4.625	1250/765	2	B	■		■
9005P50	9005	12 V	65 W	P20d	T4	2000	1	C	■	■	■
◆ 9005P50TB	9005	12 V	65 W	P20d	T4	2000	2	B	■	■	■
9006P50	9006	12 V	55 W	P22d	T4	1200	1	C	■	■	■
◆ 9006P50TB	9006	12 V	55 W	P22d	T4	1200	2	B	■	■	■
9007P50	9007	12 V	65/55 W	PX29t	T4.625	1450	1	C	■		
◆ 9007P50TB	9007	12 V	65/55 W	PX29t	T4.625	1450	2	B	■		

C = Box B = Blister Pack B1 = Single Blister Pack P = Plastic Case ◆ = New Product

Some examples of the product range:



H4P50



H13P50

PRODUCT RANGE

4.0 SPECIAL BULBS



XTREME YELLOW

For a long time it was difficult to drive under adverse weather conditions, due to various factors that considerably reduce visibility.

Today, every car can be equipped with various products to increase safety on the road such as HELLA Xtreme Yellow bulbs for off-road conditions, as its mixture of gases and coloration, give their maximum performance to distinguish in advance the obstacles.

Features:

- Improve visibility under fog, hail and rainy days.
- Conventional bases, without altering specifications.
- Blister Pack with two pieces.
- Recommended for vehicles in rural and off-road areas.
- Unique style.
- Design and customization
- Temperature color 2900 K

HELLA XTREME YELLOW:

Part Number	Type	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Content	Packaging	DOT	ECE	INMETRO
H1 YL	H1	12 V	55 W	P14.5s	T2.5	1550	2	B			
H3 YL	H3	12 V	55 W	PK22s	T3.25	1450	2	B			
H4 YL	H4	12 V	60/55 W	P43t	T4.625	1650/1000	2	B			
H7 YL	H7	12 V	55 W	PX26d	T4.625	1500	2	B			
H11 YL	H11	12 V	55 W	PGJ19-2	T4	1450	2	B			
H13 YL	H13	12 V	60/55 W	P26.4t	T4	1700/1100	2	B			
9004 YL	9004	12 V	65/45 W	P29t	T4.625	1200/700	2	B			
9005 YL	9005	12 V	65 W	P20d	T4	1860	2	B			
9006 YL	9006	12 V	55 W	P22d	T4	1095	2	B			
9007 YL	9007	12 V	65/55 W	P29t	T4.625	1350/1000	2	B			
880 YL	880	12 V	27 W	PG13	T3.25		2	B			
889 YL	889	12 V	27 W	PGJ13	T3.25		2	B			

Some examples of the product range:



H11 YL



9007 YL



CLEAR BLUE



HELLA Clear Blue bulbs meet special demands for design and safety. Thanks to their xenon effect and light blue light, they are a real alternative for design-oriented drivers.

Features:

- Bright white light 3,600K
- Cooler vision and better concentration of light.
- For off-road use only

Some examples of the product range:

HELLA CLEAR BLUE:

Part Number	Type	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Content	Packaging	DOT	ECE	INMETRO
H3XE-100CB	H3	12 V	100 W	PK22s	T3.25	1600	1	C			
H4XE-CB	H4	12 V	60/55 W	P43t	T4.625	1650/1000	1	C			
H4XE-100CB	H4	12 V	100/80 W	P43t	T4.625	2000/1350	1	C			
H11XE-CB	H11	12 V	55 W	PGJ19-2	T4	1350	1	C			
9004XE-100CB	9004	12 V	100/80 W	P29t	T4.625	1250/1100	1	C			
9004XE-CB	9004	12 V	65/45 W	P29t	T4.625	1100/700	1	C			
9005XE-100CB	9005	12 V	100 W	P20d	T4	1530	1	C			
9006XE-80CB	9006	12 V	80 W	P22d	T4	1300	1	C			
9007XE-CB	9007	12 V	65/55 W	PX29t	T4.625	1350/1000	1	C			



H11XE-CB



9005XE-100CB

PRODUCT RANGE

4.0 SPECIAL BULBS



HIGH WATTAGE

The ideal bulbs for professionals who travel off-road, or have a special demand for high power. Such as those in agriculture or forestry, or on building sites. In addition, HELLA bulbs have been involved in many victories in 24-hour races.

Note: Please note that bulbs with too high of a wattage can cause the overheating of the wiring and damage to the headlight.

Features:

- Box, double and single blister pack
- Longer service life compared to standard HELLA bulbs
- Environmentally friendly, because they do not have to be replaced as often.
- Excellent luminous efficiency.
- Excellent quality / price
- For off-road use only

HELLA HIGH WATTAGE:

Part Number	Type	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Content	Packaging	DOT	ECE	INMETRO
H1 100W	H1	12V	100 W	P14.5s	T2.5	1850	1	C			
◆ H1 100WTB	H1	12V	100 W	P14.5s	T2.5	1850	2	B			
H1 130W	H1	12V	130 W	P14.5s	T2.5	2400	1	C			
H2 100W	H2	12V	100 W	X511	T3		1	C			
H3 100W	H3	12V	100 W	PK22s	T3.25	1850	1	C			
◆ H3 100WTB	H3	12V	100 W	PK22s	T3.25	1850	2	B			
H3 130W	H3	12V	130 W	PK22s	T3.25	2600	1	C			
◆ H3 130WTB	H3	12V	130 W	PK22s	T3.25	2600	2	B			
H3 24V 100W	H3	24V	100 W	PK22s	T3.25	2500	1	C			
H4 100/55W	H4	12V	100/55 W	P43t	T4.625	2400/1000	1	C			
◆ H4 100/55WTB	H4	12V	100/55 W	P43t	T4.625	2400/1000	2	B			
H4 100/80W	H4	12V	100/80 W	P43t	T4.625		1	C			
◆ H4 100/80WTB	H4	12V	100/80 W	P43t	T4.625		2	B			
H4 130/90W	H4	12V	130/90 W	P43t	T4.625	3200/1600	1	C			
◆ H4 130/90WTB	H4	12V	130/90 W	P43t	T4.625	3200/1600	2	B			
H4 24V 100/90W	H4	24V	100/90 W	P43t	T4.625		1	C			
H7 100W	H7	12V	100 W	PX26d	T4.625	2000	1	C			
◆ H7 100WTB	H7	12V	100 W	PX26d	T4.625	2000	2	B			
H7 70W	H7	12V	70 W	PX26d	T4.625	1800	1	C			
9004 100/80W	9004	12V	100/80 W	P29t	T4.625	1600/1300	1	C			
9005 100W	9005	12V	100 W	P20d	T4	2200	1	C			
9006 80W	9006	12V	80 W	P22d	T4	1650	1	C			
9007 100/80W	9007	12V	100/80 W	PX29t	T4.625	1800/1500	1	C			
◆ H4 100/80WSB	H4	12V	100/80 W	P43t	T4.625		1	B1			
◆ 9007 100/80WSB	9007	12V	100/80 W	PX29t	T4.625	1800/1500	1	B1			
◆ 9004 100/80WSB	9004	12V	100/80 W	P29t	T4.625	1600/1300	1	B1			
◆ 9006 80WSB	9006	12V	80 W	P22d	T4	1650	1	B1			
◆ 9005 100WSB	9005	12V	100 W	P20d	T4	2200	1	B1			

Some examples of the product range:



9005 100W



9004 100/80W



HEAVY DUTY | DOUBLE POWER

Durability, resistance to vibration with 24V power produces excellent light in a single filament. Heavy Duty bulbs offer more power, more safety, without dazzling vehicles. Thanks to its power and increased lifespan, the replacement costs are reduced drastically.

Features:

- Increased vibration resistance
- All advantages of standard bulbs
- Reduced downtime cost due to less bulb changes

Some examples of the product range:

HELLA HEAVY DUTY:

Part Number	Type	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Content	Packaging	DOT	ECE	INMETRO
198HD	198	12 V	29/10 W	BAY15d	S8		10	C	■		
5637HD	5637	24 V	10 W	BA15s	B6		10	C		■	■
7510LTS	PY21W	24 V	21 W	BAU15s	S8		10	C			
H3 24V HD	H3	24 V	70 W	PK22s	T3.25	1750	1	C		■	■
H3HD	H3	12 V	55 W	PK22s	T3.25	1450	1	C	■	■	■
◆ H3 24V HDSB	H3	24 V	70 W	P43t	T3.25	1900/1200	1	B		■	■
◆ H3 24V HDTB	H3	24 V	70 W	P43t	T3.25		2	B		■	■
H4 24V HD	H4	24 V	75/70 W	PK22s	T4.625		1	C		■	■
◆ H4 24V HDSB	H4	24 V	75/70 W	PK22s	T4.625		1	B		■	■
◆ H4 24V HDTB	H4	24 V	75/70 W	PK22s	T4.625		2	B		■	■



H4 24V HD

HELLA DOUBLE POWER:

◆ H1 24V DP	H1	24 V	70 W	P14.5s	T2.5		1	C		■	■
◆ H3 24V DP	H3	24 V	70 W	PK22s	T3.25		1	C		■	■
◆ H4 24V DP	H4	24 V	70/75 W	P43t	T4.625		1	C		■	■
◆ H7 24V DP	H7	24 V	70 W	PX26d	T4.625		1	C		■	■
◆ H11 24V DP	H11	24 V	70 W	PGJ19-2	T4		1	C		■	
◆ H1 24V DPSB		24 V	70 W	P14.5s	T2.5		1	B		■	■
◆ H3 24V DPSB		24 V	70 W	PK22s	T3.25		1	B		■	■
◆ H4 24V DPSB		24 V	75/70 W	P43t	T4.625		1	B		■	■
◆ H7 24V DPSB		24 V	70 W	PX26d	T4.625		1	B		■	■
◆ H11 24V DPSB		24 V	70 W	PGJ19-2	T4		1	B		■	



H3HD

C = Box B = Blister Pack B1 = Single Blister Pack P = Plastic Case ◆ = New Product

PRODUCT RANGE

4.0 SPECIAL BULBS



OPTILUX EXTREME YELLOW XY - 12V

The XY Optilux bulbs are designed to give better visibility in extreme weather conditions. Pilots races prefer a yellow light beam, which provides better color contrast in rain and fog situations. The XY Optilux bulbs produce a clear yellow light their filament is made of specific measures to provide the exact amount of light needed in the way.

Features:

- All bulbs are Optilux 12V.
- Two bulbs packed in hard plastic.
- For off-road use

Some examples of the product range:



Part Number	Type	Voltage	Wattage	Base
H71071172	880	12V	27 W	PG13
H71071182	881	12V	27 W	PGJ13
H71071192	893	12V	37.5 W	PG13
◆ H71071462	9006	12V	55 W	P22d**
H71071532	9011	12V	65 W	PX20d
H71071542	9012	12V	55 W	PX22d
H71070642	H1	12V	55 W	P14.5s
◆ H71071112	H10	12V	42 W	PY20d
H71071132	H11	12V	55 W	PGJ19-2
H71071552	H11B	12V	65W	PGJY19-2
H71071152	H13	12V	60/55 W	P26.4t
H71071302	H16	12V	35 W	PG20-3
H71070662	H3	12V	55 W	PK22s
H71071342	H3C	12V	55 W	P22d
H71070682	H4/9003	12V	60/55 W	P43t
H71070702	H7	12V	55 W	PX26d
H71071072	H8	12V	35 W	PGJ19-1
H71071092	H9	12V	65 W	PGJ19-5
H71070562	HB1	12V	65/45 W	P29t
H71070582	HB3	12V	65 W	P20d
H71070602	HB4	12V	55 W	P22d
H71070622	HB5	12V	60/55 W	PX29t





OPTILUX EXTREME WHITE XB - 12V

See the light!

Extreme White bulbs XB Optilux give a radical look at the xenon light in a halogen bulb, with its blue coating. These bulbs incorporate gas xenon bulb improved performance

Features:

- All bulbs are Optilux 12V.
- Two bulbs packed in hard plastic.
- For off-road use



Part Number	Type	Voltage	Wattage	Base
H71071212	880	12V	32 W	PG13
H71071222	881	12V	32 W	PGJ13
H71071232	893	12V	37.5 W	PG13
H71071392	9004	12V	65/45 W	P29t
H71071402	9005	12V	65 W	P20d
H71071412	9005	12V	65 W	P20d**
H71071422	9005	12V	100 W	P20d**
H71071432	9006	12V	55 W	P22d
H71071442	9006	12V	55 W	P22d**
H71071452	9006	12V	80 W	P22d**
H71071472	9007	12V	65/55 W	PX29t
◆ H71071492	9011	12V	65 W	PX20d
◆ H71071502	9012	12V	55 W	PX22d
H71071242	H1	12V	55 W	P14.5s
H71071012	H10	12V	65 W	PY20d
H71071252	H10	12V	42 W	PY20d
H71071032	H11	12V	80 W	PGJ19-2
H71071262	H11	12V	55 W	PGJ19-2
H71071512	H11B	12V	65W	PGJY19-2

Part Number	Type	Voltage	Wattage	Base
◆ H71071052	H13	12V	100/80 W	P26.4t
H71071272	H13	12V	60/55 W	P26.4t
H71071282	H16	12V	35 W	PG20-3
H71070227	H2	12V	100 W	P14.5s
H71070181	H3	12V	100 W	PK22s
H71071312	H3	12V	55 W	PK22s
H71071322	H3C	12V	55 W	P22d
H71071332	H3C	12V	80 W	P22d
H71070201	H4/9003	12V	100/80 W	P43t
H71071352	H4/9003	12V	60/55 W	P43t
H71070307	H7	12V	100 W	PX26d
H71071362	H7	12V	55 W	PX26d
H71070772	H8	12V	55 W	PGJ19-1
H71071372	H8	12V	35 W	PGJ19-1
H71070792	H9	12V	100 W	PGJ19-5
H71071382	H9	12V	65 W	PGJ19-5
H71070327	HB1	12V	100/80 W	P29t
H71070347	HB3	12V	100 W	P20d
H71070367	HB4	12V	80 W	P22d
H71070387	HB5	12V	100/80 W	PX29t



HELLA has the most complete line of lighting for cars, trucks, buses and now for motorcycles, scooters, mopeds and ATVs.

As original equipment, HELLA is found in most of the car manufacturers, this means that we guarantee 100% light according to the technical standards, offering a long life and in perfect harmony with the whole vehicle. In addition, HELLA halogen bulbs have a UV filter that protects the headlight lens by blocking UV rays, which prevents yellowing of the lens.

5.0 BULBS FOR MOTORCYCLES

PRODUCT RANGE

5.0 BULBS FOR MOTORCYCLES



BULBS FOR MOTORCYCLES

For the wide range of motorcycles, scooters, mopeds and ATVs, HELLA offers precise solutions according to the requirements of original equipment.

Because it is particularly important for drivers of two-wheel vehicles to see and be seen...

Note:

In headlights, particularly in the case of motorcycles large motor or large displacement is common to find halogen bulbs with identical specification to those of automotive application (H4 60/55, H7 55W, 9006 55W, 9006 HXS 55W, etc.)

Part Number	Type	Voltage	Wattage	Base	Shape	Luminous Flux (lumens)	Content	Packaging	DOT	ECE	INMETRO
880XE-35DB	880	12V	35 W	PGJ13	T3.25		1	C			
889XE-35DB	894	12V	35 W	PGJ13	T3.25		1	C			
H3 35W	H3	12V	35 W	PK22s	T3.25		1	C			
H8	H8	12V	35 W	PGJ19-1	T4		1	C	■	■	
H8XE-DB	H8	12V	35 W	PGJ19-1	T4		1	C			
HS1	HS1	12V	35 / 35 W	PX43t	T4.625		1	C		■	
H4 35/35W	H4	12V	35/35 W	P43t	T4.625		1	C			
H4 45/45W	H4	12V	45/45 W	P43t	T4.625		1	C			
6235	S2	12V	35/35 W	BA20d	B11		1	C			■
6245	S2	12V	45/40 W	BA20d	B11		1	C			
A3603	3603	12V	25/25 W	PX15d	T6		1	C			
6260	S2	12V	60/60 W	BA20d	B11		1	C			
A3625	3625	6V	25/25 W	PX15d	T6		1	C			
635	F2	12V	35 W	BA20s	B11		1	C			
660	660	12V	60 W	BA20s	B11		1	C			
7951	R2	12V	45/40 W	P45t	S13		1	C			
7952	R2	24V	55/50 W	P45t	S13		1	C			
H9	H9	12V	65 W	PGJ19-5	T4		1	C	■	■	
H11	H11	12V	55 W	PGJ19-2	T4		1	C	■	■	
H11P50	H11	12V	55 W	PGJ19-2	T4		1	C	■	■	
H11LL	H11	12V	55 W	PGJ19-2	T4		1	C	■	■	
H21W	H21W	12V	21 W	BAY9s	T2.75		1	C	■	■	■
H6W	H6W	12V	6 W	BAX9s	T2.75		1	C		■	
2820	2820	12V	2 W	W2.1x9.5d	T3.25		10	C			
2821	2821	12V	3 W	W2.1x9.5d	T3.25		10	C		■	■
2825	2825	12V	5 W	W2.1x9.5d	T3.25		10	C		■	■
2825BL	2825BL	12V	5 W	W2.1x9.5d	T3.25		10	C			
2827NA	2827NA	12V	5 W	W2.1x9.5d	T3.25		10	C			
3652	3652	12V	5 W	W2.1x9.5d	T3.25		10	C		■	■
7440	7440	12V	21 W	W3X16d	T6.5		10	C	■	■	■
7440LL	7440	12V	21 W	W3X16d	T6.5		10	C	■	■	■
7440NA	7440	12V	21 W	W3X16d	T6.5		10	C	■	■	■
7441	7441	12V	27 W	W3X16d	T6.5		10	C	■	■	
3893	3893	12V	4 W	BA9s	T2.75		10	C	■	■	
194	194	12V	4 W	W2.1x9.5d	T3.25		10	C	■		
194NA	194	12V	4 W	W2.1x9.5d	T3.25		10	C	■		
7507C	7507	12V	21 W	BAU15s	S8		10	C			
7507	7507	12V	21 W	BAU15s	S8		10	C		■	■
2721	2721	12V	1.2 W	W2x4.6d	T1.5		10	C	■		■
◆ M5 35/35W	M5	12V	35/35 W	P15d-25-1		840/805	1	C			
◆ M5 35/35WTB	M5	12V	35/35 W	P15d-25-1		840/805	2	B			
◆ M5 35/35WSB	M5	12V	35/35 W	P15d-25-1		840/805	1	B			
◆ M5 35/35W1	M5	12V	35/35 W	BA20D		840/805	1	C	■		
◆ M5 25/25W	M5	12V	25/25 W	BA20D		540/540	1	C	■		
◆ M5 25/25W1	M5	12V	25/25 W	P15D-25-1		540/540	1	C	■		
◆ M5 18/18W	M5	12V	18/18 W	P15D-25-1		440/440	1	C	■		
◆ M5 35/35W3	M5	12V	35/35 W	P15D-25-3		840/805	1	C	■		
◆ M5 25/25W3	M5	12V	25/25 W	P15D-25-3		540/540	1	C	■		

Some examples of the product range:



6235



660



7951

Displays



Bulbs display

Ask your sales representative for the new HELLAdisplays and get them now!

- Attractive design. Contains 14 cavities to house different sizes of halogen and miniature bulbs
- Includes brackets to hang on the wall
- Measures 44.5 (width) x 17.5 (depth) x 54 (height) cm.
- Made of resistant cardboard.
- It is foldable and can be transported.
- Includes assembly instructions

Part Number	Description
358117581	Bulb display. Dimensions: 44.5x 17.5x 54 cm (17.5 x 6.88 x 21.2")

Bulbs cabinet for miniature bulbs

Ask your sales representative for the new HELLA displays and get them now!

- Manufactured in semi-matt black steel.
- Its compartments come in stackable and individual shapes to maximize organization.
- The miniature bulb dispenser cabinet includes 4 plastic drawers, dividers to make 28 slots for light bulbs
- Storage space "behind" the label
- Durable and elegant design

Part Number	Description
999141848	Cabinet Display. Dimensions: 48.2 x 10.1 x 68.5 cm (18.97 x 3.97 x 26.9")

Blister display

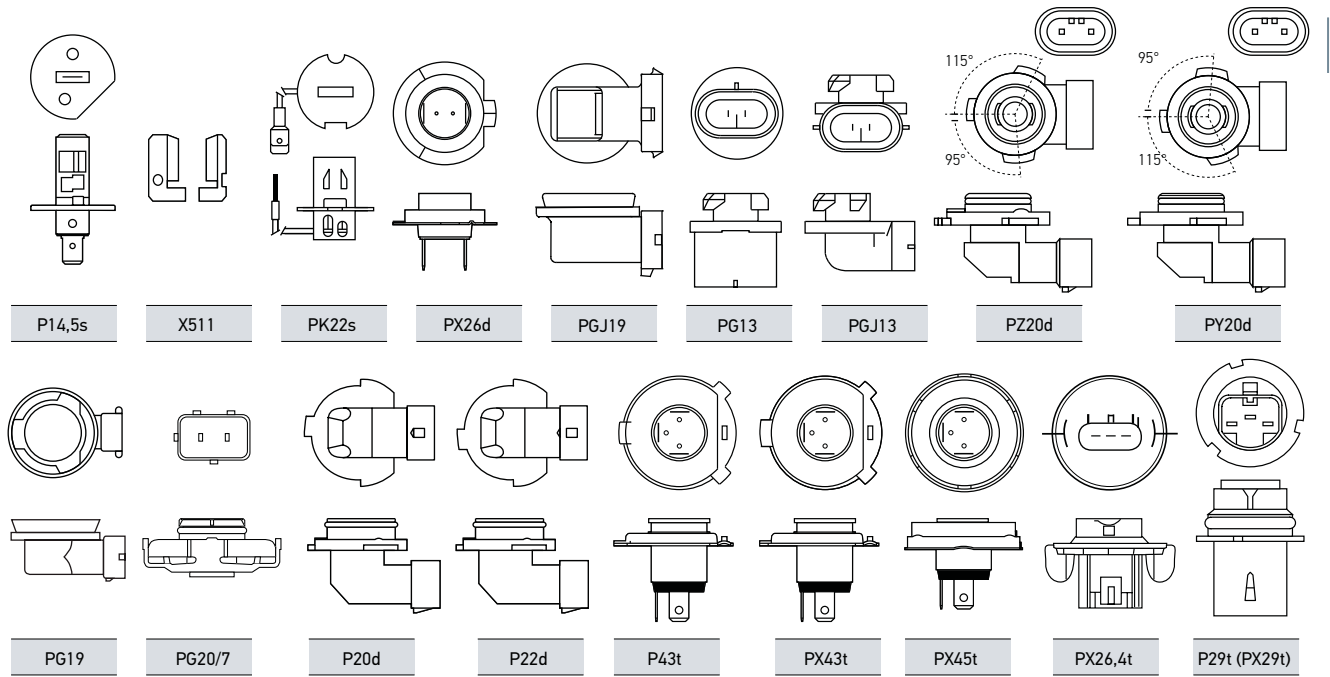
- Manufactured in semi-matt black steel.
- Its 8 hooks allow you to hang up to 40 blisters in total.

Part Number	Description
999140858	Hanging blister display. Dimensions: 52 x 22 x 55.5 cm (20.47 x 8.66 x 21.85")

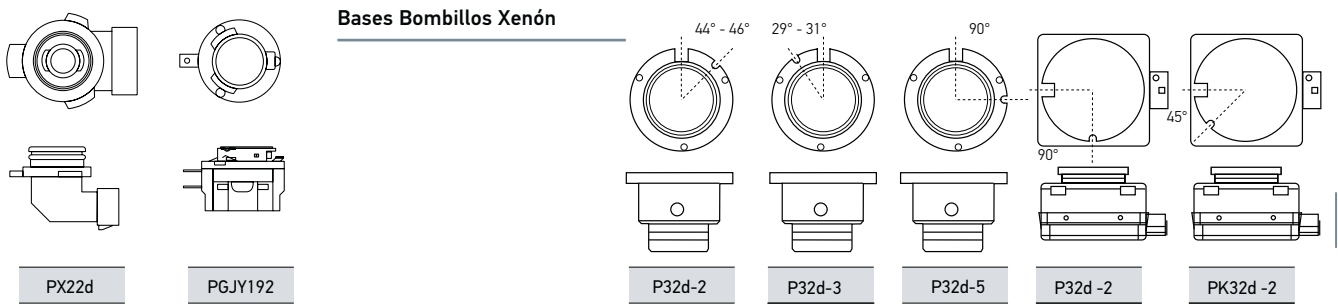


BASES

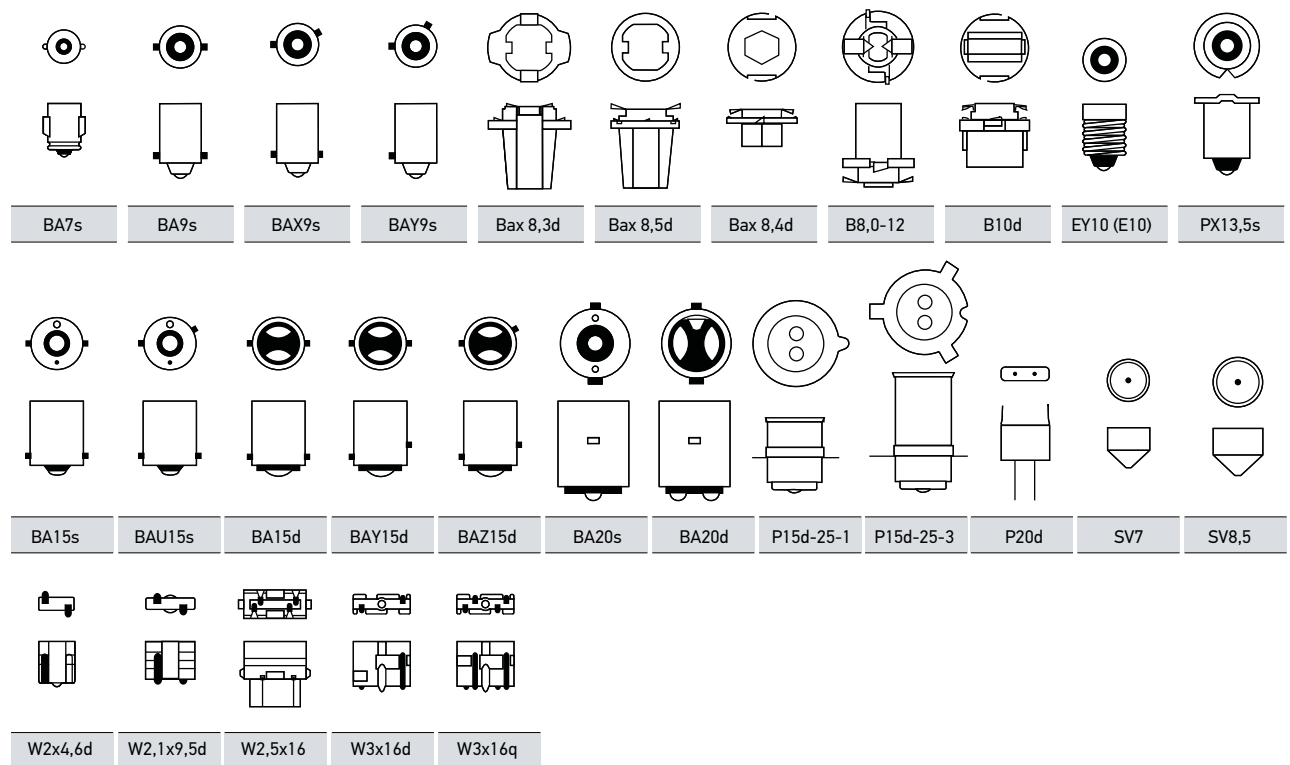
Halogen bulbs bases



Bases Bombillos Xenón



Miniature bulbs bases



According to the regulations of the International Electrotechnical Commission (IEC - International Electrotechnical Commission)

Learn more about custom and factory headlights we have.