



Automotive lamps

OSRAM – a world leader in modern automotive lamps.



The OSRAM Automotive Lighting division is the world's number one in vehicle lamps. With our innovative technology, quality without compromise and an insistence on the highest standards of workmanship, durability and environmental protection, we have rightly become a supplier of original lamps to almost every major car manufacturer in the world.

Vehicle lamps from OSRAM are particularly durable and bright. They are also much safer than international standards require. Our highly qualified employees, our high-precision computer-controlled production facilities and our extensive quality control procedures ensure that our products meet the highest quality standards.



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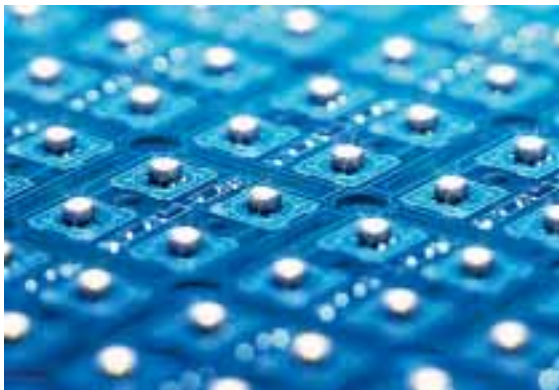


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Fit for the future: innovations from OSRAM



Constant research and development has enabled OSRAM to create innovative products time and time again. OSRAM offers an impressive unrivalled range of vehicle lamps to cover a very wide range of requirements.

Greater safety in the 24 V sector: OSRAM TRUCKSTAR®

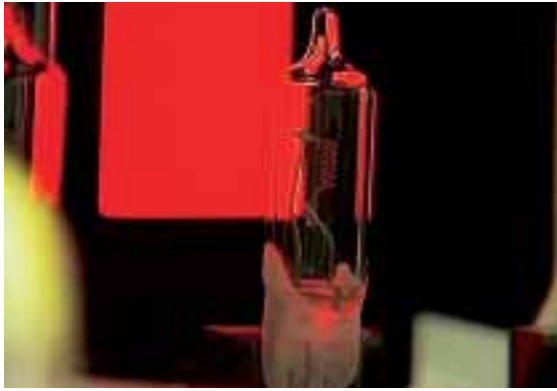
OSRAM's focus on innovation brings tangible benefits for professional drivers. OSRAM TRUCKSTAR® focuses up to 100% more light on the road than conventional halogen lamps in the all-important area between 50 and 75 metres in front of the vehicle – and will last up to twice as long. These are crucial benefits because better visibility improves road safety, and

longer replacement intervals improves economy.

Focus on design and technology

Customer demands are increasing year after year – particularly as far as modern car design is concerned. With our cleverly designed innovative products and further developments of our existing products we are creating the technological platform for visionary concepts. An outstanding example is the new XENARC® D1 system. This is a space-saving and highly versatile solution for operating high-performance XENARC® gas discharge lamps and provides car designers with even more freedom to create innovative styling.





These are just a few examples of trend-setting solutions that underline our global successful market position. This is the philosophy that has made OSRAM what it is today – a global partner of all the major car manufacturers and system suppliers.

Quality is not to be taken “lightly”

“Total Quality Management” (TQM) is the principle on which OSRAM defines its quality standards. It covers the demands that we place on the finished products, components and parts, and also the requirements for optimising our processes and organisation. Compliance with this principle is confirmed by the fact that our quality management system has been certified to ISO 9001 and our environmental management system to ISO 14001.

OSRAM manufactures for OSRAM

One of our principles is to develop much of our own production facilities. We manufacture major prematerials, develop our own production processes and construct complex, computer-controlled production plants.

Development and manufacture of all products at OSRAM is certified to DIN EN ISO 9001.

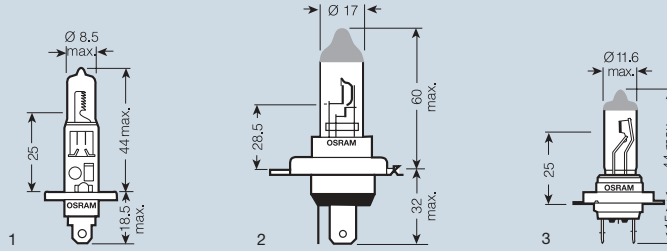
The “Automotive Lighting” division and all the lamp manufacturing plants producing for this division are certified to TS 16949 (special quality management requirements for automotive suppliers).

Our aim is to get better and better

To keep our strategies and activities in perfect tune with the needs of our customers, we are in close contact with all our lobby groups. What's more, we conduct extensive and targeted opinion polls among customers in 29 different countries each year. In this way we are able to improve the quality of our products and services and defend our number one position in the face of tough international competition.



OSRAM SILVERSTAR®



Product reference

Product number
Single pack



ECE



Product number
Standard pack



SILVERSTAR® – up to 50% more light on the road ahead

64150SVS ¹⁾	4050300647852	●	H1	12	55	P14.5s	1	4050300647876	100
64193SVS ²⁾	4050300629711	●	H4	12	60/55	P43t	2	4050300629735	100
64210SVS ¹⁾²⁾	4050300629643	●	H7	12	55	PX26d	3	4050300629667	100

OSRAM SILVERSTAR® – more power, greater safety

Cars are being made safer and safer – and this applies also to their lighting. To meet growing demands from car drivers, OSRAM has developed the SILVERSTAR® range of automotive lamps.

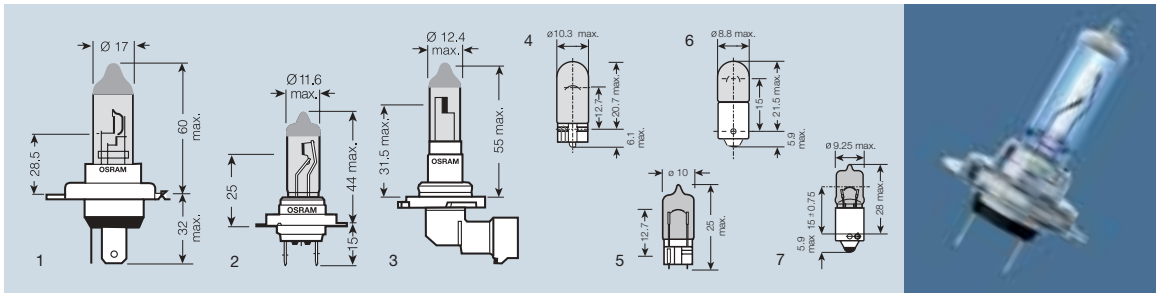
Exceptional specifications

Thanks to their special technology, OSRAM SILVERSTAR® lamps shine up to 50% more light than standard halogen lamps on the road ahead, depending on the type of headlight, in the crucial zone 50 to 75 m in front of the vehicle. A cone of light up 20 metres longer offers even greater safety. Obstacles and other dangers can be seen sooner and better, as can signs and markings.

Clear good looks

Performance is matched by stylish design. OSRAM H4 and H7 SILVERSTAR® vehicle lamps are equipped with silver caps that blend in with the background of the reflector – perfect for use in modern clear-glass headlights. The perfect vehicle lamp for all drivers who value not only greater safety but also good looks.





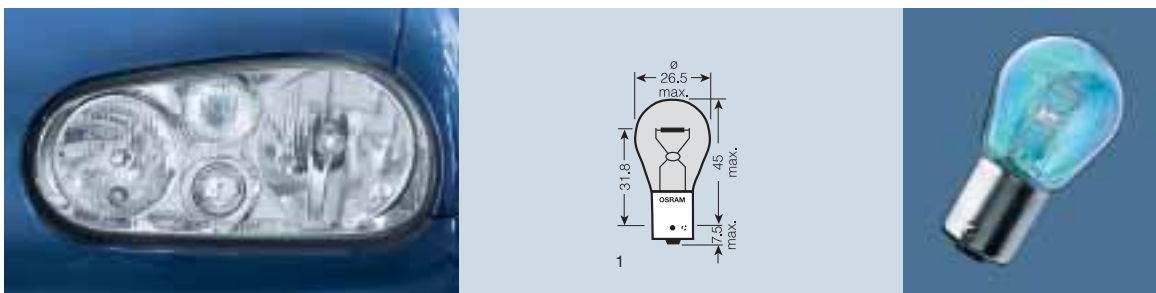
Product reference	Product number Single pack	E	ECE	V	W		No.	Product number Standard pack	
COOL BLUE® – designer lamps with a bluish white light colour									
64150CB ¹⁾	4050300575209	•	H1	12	55	P14.5s	1 ^{P.9.07}	4050300575223	100
64151CB ¹⁾	4050300647920	•	H3	12	55	PK22s	3 ^{P.9.07}	4050300647944	100
64193CB ²⁾	4050300552255	•	H4	12	60/55	P43t	1	4050300552279	100
64210CB ¹⁾²⁾	4050300580197	•	H7	12	55	PX26d	2	4050300580210	100
9003CB ¹⁾²⁾	4050300575179	•	HB2 ³⁾ /H4	12	60/55	P43t	1	4050300575193	100
9005CB ¹⁾	4050300189673	•	HB3	12	60	P20d	3	4050300189680	100
9006CB ¹⁾²⁾	4050300189697	•	HB4	12	51	P22d	3	4050300189703	100
2825CB	4008321094636	•	W5W	12	5	W2.1x9.5d	4	4008321094650	50
2825HCB	4008321095169	•	W5W	12	5	W2.1x9.5d	5	4008321095183	50
3893CB	4008321095664	•	T4W	12	4	BA9s	6	4008321095688	50
64132CB	4008321094957	•	H6W	12	6	BAX9s	7	4008321094971	50

OSRAM COOL BLUE® – high-contrast, bluish-white light

In choosing the colour of their headlight lamps, many drivers are opting for “blue” light – and not only for aesthetic reasons. With a colour temperature of 4000 K, COOL BLUE® from OSRAM are

the best of the blues. The bluish-white high-contrast light is prettier, closer to natural daylight and therefore easier on the eye than the light from conventional headlight lamps. It therefore has almost the same effect as a xenon lamp.

DIADEM® indicator lamp

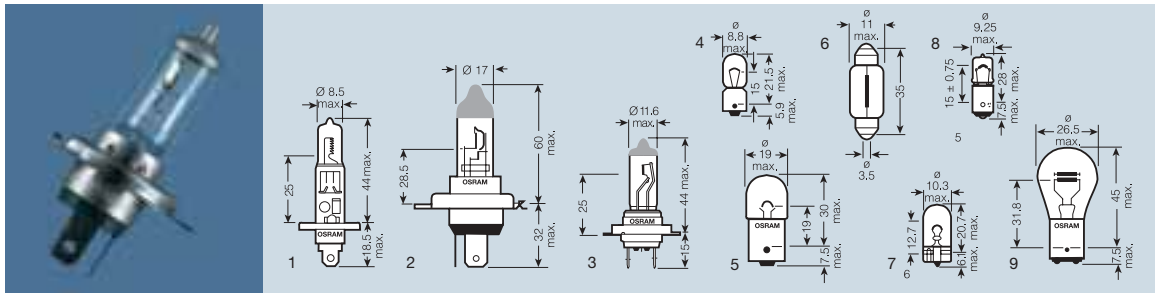


Product reference	Product number Single pack	E	ECE	V	W		No.	Product number Standard pack	
DIADEM® indicator lamp with interference layer for neutral appearance and amber signal light									
7507LDA	4050300833606	•	PY21W	12	21	BAU15s	1	4050300539324	200

DIADEM® lamps have the most advanced interference coating. The surface of DIADEM® lamps therefore has an opal appearance. The lamp only

appears amber when it flashes. This design effect is ideal for all indicator lights with clear covers.

1) Lamps comply with ECE R 37 and SAE (DOT) regulations
 2) With silver cap
 3) SAE category reference, H4 with strict geometrical tolerances



Product reference	Product number Single pack	E _e	ECE	V	W		No.	Product number Standard pack	
LIGHT@DAY® – automotive lamps for constant use (day and night running light)									
64150D ¹⁾	4050300773834	•	H1	12	55	P14.5s	1	4050300773858	100
64193D ²⁾	4050300773773	•	H4	12	60/55	P43t	2	4050300773797	100
64210D ¹⁾²⁾	4050300773711	•	H7	12	55	PX26d	3	4050300773735	100
64211D	In preparation	•	H11	12	55	PGJ19-2	8 ^{P,9,07}	In preparation	100
3893D	4008321095633	•	T4W	12	4	BA9s	4	4008321095657	50
5007D	4008321095268	•	R5W	12	5	BA15s	5	4008321095282	50
6418D	4008321094230	•	C5W	12	5	SV8.5-8	6	4008321094254	50
2825D	4008321094506	•	W5W	12	5	W2.1x9.5d	7	4008321094629	50
64132D	4008321094926	•	H6W	12	6	BAX9s	8	4008321094940	50
5008D	4008321095305	•	R10W	12	10	BA15s	5	4008321095329	50
7528D	4008321091062	•	P21/5W	12	21/5	BAY15d	9	4008321091086	50

Ideal for constant use:

OSRAM LIGHT@DAY®

Daytime running light is now compulsory by law in many countries (including Italy, Hungary, Croatia and Scandinavia). This makes driving safer but vehicles should be fitted with special lamps. The problem is that conventional automotive lamps are designed for night-time operation only. If these lamps are used during the day as well they would have to be replaced much more often.

No need to replace lamps despite day and night use.

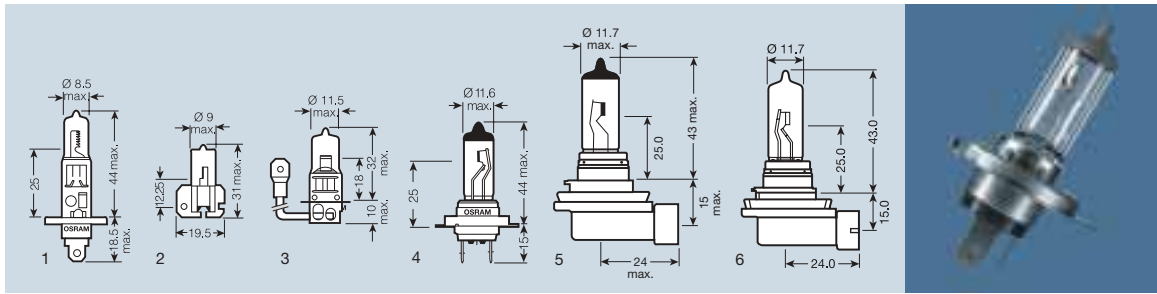
For this reason, OSRAM has developed special lamps with much longer lives – the LIGHT@DAY® family. Because of their extreme durability, LIGHT@DAY® automotive lamps from OSRAM have

the same replacement intervals as before – even if they are used day and night. Drivers reduce the risk of driving with faulty lights, save themselves the trouble of replacing lamps more often and therefore save themselves time and money.

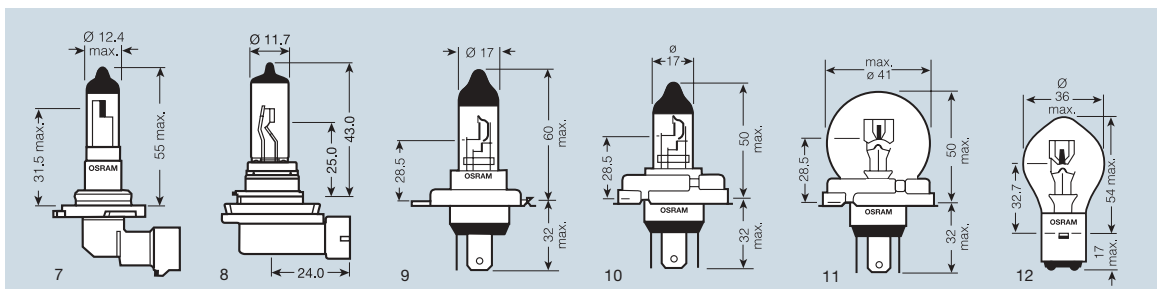
All-round safety.

This also applies to all the other lamps in the car that come on when the headlights are on – from the dashboard lights to the tail lights and the number plate lights. All LIGHT@DAY® lamps last up to three times as long.



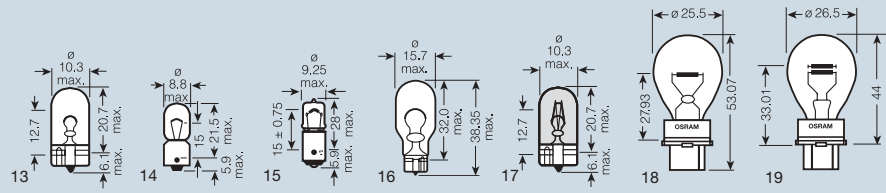


Product reference	Product number Single pack						No.	Product number Standard pack		
Single-coil headlight lamps for innovative dual headlight systems										
64150 ¹⁾	405030001487	•	H1	12	55	P14.5s	1	4050300206837	100	
64173	4050300016559	•	H2	12	55	X511	2	4050300213590	100	
64151 ¹⁾	4050300001494	•	H3	12	55	PK22s	3	4050300211183	100	
64210 ¹⁾	4050300332185	•	H7	12	55	PX26d	4	4050300332208	100	
64212 ¹⁾	4050300498751	•	H8	12	35	PGJ19-1	5	4050300498775	100	
64213 ¹⁾	4050300524368	•	H9	12	65	PGJ19-5	6	4050300524382	100	
9145 ¹⁾	4050300186320	•	H10	12	42	PY20d	7	4050300186337	100	
64211 ¹⁾	4050300524313	•	H11	12	55	PGJ19-2	8	4050300524337	100	
9055 ¹⁾	4050300193991	•	H12	12	53	PZ20d	39 ^{P.9.10}	4050300194011	100	
64242	4008321055422	•	H8B ³⁾	12	35	PGJY-1	43 ^{P.9.10}	4008321055446	100	
64243	4008321055477	•	H9B ³⁾	12	65	PGJY-5	44 ^{P.9.10}	4008321055491	100	
64241	4008321054654	•	H11B ³⁾	12	55	PGJY-2	43 ^{P.9.10}	4008321054678	100	
9005 ¹⁾	4050300137193	•	HB3	12	60	P20d	34 ^{P.9.10}	4050300137216	100	
9005XS ¹⁾	0046135320408	•	HB3A	12	60	P20d	35 ^{P.9.10}	4050300721996	100	
9006 ¹⁾	4050300012650	•	HB4	12	51	P22d	36 ^{P.9.10}	4050300722221	100	
9006XS ¹⁾	On request	•	HB4A	12	51	P22d	37 ^{P.9.10}	On request		
Dual-coil BILUX® headlight lamps for normal headlight systems										
64193	4050300001470	•	H4	12	60/55	P43t	9	4050300212074	100	
9003 ¹⁾	4050300308975	•	HB2	12	60/55	P43t	9	4050300308999	100	
64185	4050300439969	•	HS1	12	35/35	PX43t	9	4050300439983	100	
64183 ²⁾	4050300350554	•	R2	12	45/40	P45t	10	4050300350578	100	
7951	4050300001500	•	R2	12	45/40	P45t	11	4050300205113	100	
7326	4050300271248	•	S1	12	25/25	BA20d	12	4050300271262	100	
7327	4050300016375	•	S2	12	35/35	BA20d	12	4050300204994	100	
GIGANT® HEAVY-DUTY-BILUX® lamps – vibration-resistant design										
94193	4050300019161	•	H4	12	60/55	P43t	without fig.	4050300250601	100	
Lamps for position and parking lights										
2825	4050300838632	•	W5W	12	5	W2.1x9.5d	13	4008321094469	50	
3893	4050300838489	•	T4W	12	4	BA9s	14	4008321095626	50	
64132	4008321094896	•	H6W	12	6	BAX9s	15 ^{P.9.08}	4008321094919	50	



1) Lamps comply with ECE R 37 and SAE (DOT) regulations
 2) Successor to the BILUX® AS® lamp (product reference 7951)
 3) New development for simple lamp replacement and highly efficient headlights; supplied on request

OSRAM STANDARD LINE 12 V



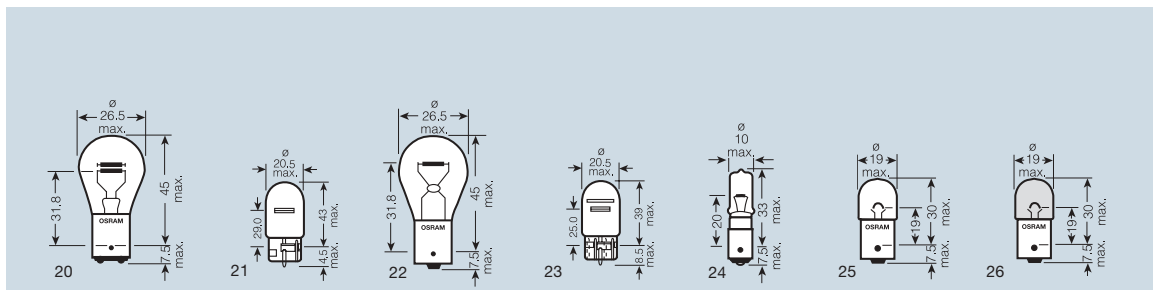
Product reference	Product number Single pack	E	ECE	V	W		No.	Product number Standard pack	
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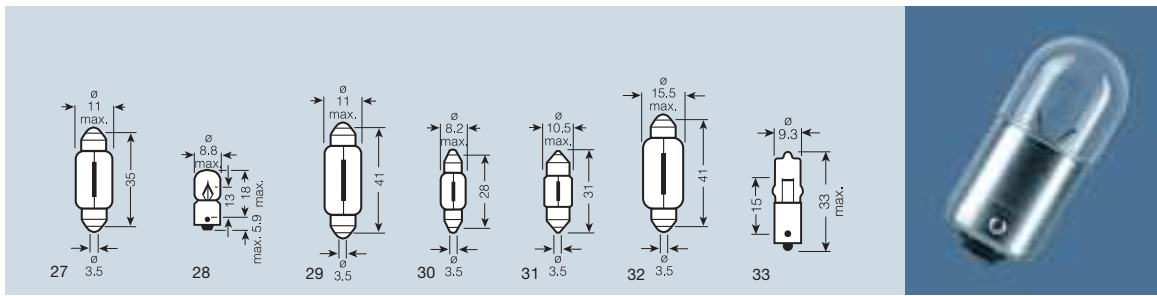
Lamps for indicators, brake, fog and reversing lights

921	4008321100948	•	W16W	12	16	W2.1x9.5d	16	4008321100962	50
2825	4050300838632	•	W5W	12	5	W2.1x9.5d	13	4008321094469	50
2827 ¹⁾	4050300891200	•	WY5W	12	5	W2.1x9.5d	17	4008321094490	50
3156	4008321090621	•	P27W	12	27	W2.5x16d	18	4008321090645	50
3157	4008321090683	•	P27/7W	12	27/7	W2.5x16q	19	4008321090706	50
7225	4050300891514	•	P21/4W	12	21/4	BAZ15d	20	4008321091093	50
7505	4008321090652	•	W21W	12	21	W3x16d	21	4008321090676	50
7506	4050300838120	•	P21W	12	21	BA15s	22	4008321090966	50
7507 ¹⁾	4050300891477	•	PY21W	12	21	BAU15s	22	4008321091000	50
7515	4008321090713	•	W21/5W	12	21/5	W3x16q	23	4008321090737	50
7528	4050300838069	•	P21/5W	12	21/5	BAY15d	20	4008321091055	50
64136	4008321095190	•	H21W	12	21	BAY9s	24	4008321095213	50

Reversing, brake and fog light lamps

921	4008321100948	•	W16W	12	16	W2.1x9.5d	16	4008321100962	50
3156	4008321090621	•	P27W	12	27	W2.5x16d	18	4008321090645	50
3157	4008321090683	•	P27/7W	12	27/7	W2.5x16q	19	4008321090706	50
5007	4050300838427	•	R5W	12	5	BA15s	25	4008321093882	50
5008	4050300838212	•	R10W	12	10	BA15s	25	4008321095299	50
5009	4008321095442	•	RY10W	12	10	BAU15s	26	4008321095466	50
6418	4050300838397	•	C5W	12	5	SV8.5-8	27 ^{P.9.09}	4008321094223	50
7225	4050300891514	•	P21/4W	12	21/4	BAZ15d	20	4008321091093	50
7506	4050300838120	•	P21W	12	21	BA15s	22	4008321090966	50
7515	4008321090713	•	W21/5W	12	21/5	W3x16q	23	4008321090737	50
7528	4050300838069	•	P21/5W	12	21/5	BAY15d	20	4008321091055	50



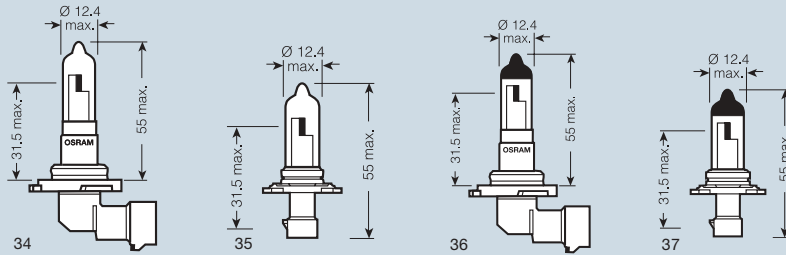


Product reference	Product number Single pack							Product number Standard pack	
Number plate and side position light lamps									
2825	4050300838632	•	W5W	12	5	W2.1x9.5d	13 ^{p. 9.08}	4008321094469	50
3893	4050300838489	•	T4W	12	4	BA9s	14 ^{p. 9.08}	4008321095626	50
5007	4050300838427	•	R5W	12	5	BA15s	25 ^{p. 9.08}	4008321093882	50
5008	4050300838212	•	R10W	12	10	BA15s	25 ^{p. 9.08}	4008321095299	50
6418	4050300838397	•	C5W	12	5	SV8.5-8	27	4008321094223	50
Lamps for interior lighting and reading lights									
2825	4050300838632	•	W5W	12	5	W2.1x9.5d	13 ^{p. 9.08}	4008321094469	50
3796	4050300891309			12	2	BA9s	28	4008321095718	50
3860	4008321095756			12	5	BA9s	14 ^{p. 9.08}	4008321095770	50
3893	4050300838489	•	T4W	12	4	BA9s	14 ^{p. 9.08}	4008321095626	50
3894	4008321095725			12	3	BA9s	28	4008321095749	50
5007	4050300838427	•	R5W	12	5	BA15s	25 ^{p. 9.08}	4008321093882	50
5008	4050300838212	•	R10W	12	10	BA15s	25 ^{p. 9.08}	4008321095299	50
6411	4050300891354			12	10	SV8.5-8	29	4008321093745	50
6413	4050300891439			12	5	SV8.5-8	29	4008321093752	50
6418	4050300838397	•	C5W	12	5	SV8.5-8	27	4008321094223	50
6428	4008321094384			12	3	SV7-8	30	4008321094407	50
6438	4008321094353			12	10	SV8.5-8	31	4008321094377	50
6461	4008321094261			12	10	SV8.5-8	27	4008321094285	50
6475	4008321090874			12	18	SV8.5-8	32	4008321090898	50
6476	4008321090904	•	C21W	12	21	SV8.5-8	32	4008321090928	50
MINIXEN® lamps with increased luminous flux for brilliant reading light									
2886X	4008321094667			12	6	W2.1x9.5d	13 ^{p. 9.08}	4008321094681	50
3886X	4008321095787			12	6	BA9s	14 ^{p. 9.08}	4008321095800	50
6486X	4008321094292			12	6	SV8.5-8	27	4008321094315	50
MINIWATT® halogen lamps for brilliant white reading light									
64111 ¹⁾	4008321095015			12	5	BA9s	33	4008321095039	50
64113 ¹⁾	4008321095046			12	10	BA9s	33	4008321095060	50
64115	4008321095077			12	20	BA9s	33	4008321095091	50



1) Also available with glass base (product reference 6411150 or 6411350)

OSRAM STANDARD LINE 12 V



Product reference	Product number Single pack	E	ECE	V	W	Light bulb icon	No.	Product number Standard pack	Light bulb icon
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Single-coil headlight lamps with SAE approval

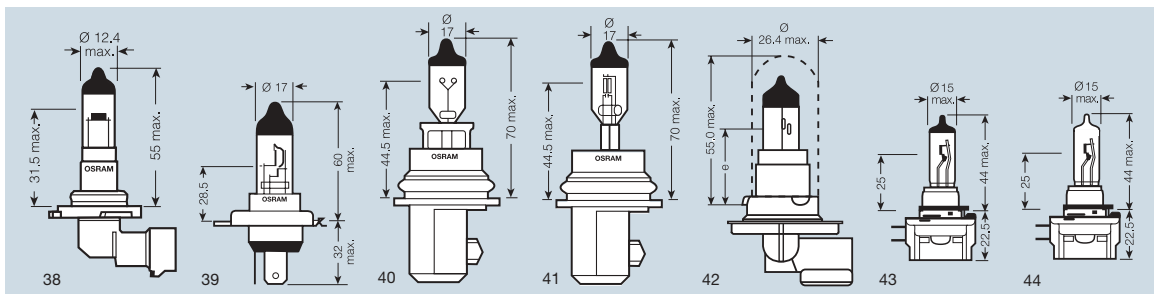
9005 ¹⁾	4050300137193	•	HB3	12	60	P20d	34	4050300137216	100
9005XS ¹⁾	0046135320408	•	HB3A	12	60	P20d	35	4050300721996	100
9006 ¹⁾	4050300012650	•	HB4	12	51	P22d	36	4050300722221	100
9006XS ¹⁾	On request	•	HB4A	12	51	P22d	37	On request	
9145 ¹⁾	4050300186320	•	H10	12	42	PY20d	7 ^{P.9.07}	4050300186337	100
9055 ¹⁾	4050300193991	•	H12	12	53	PZ20d	38	4050300194011	100

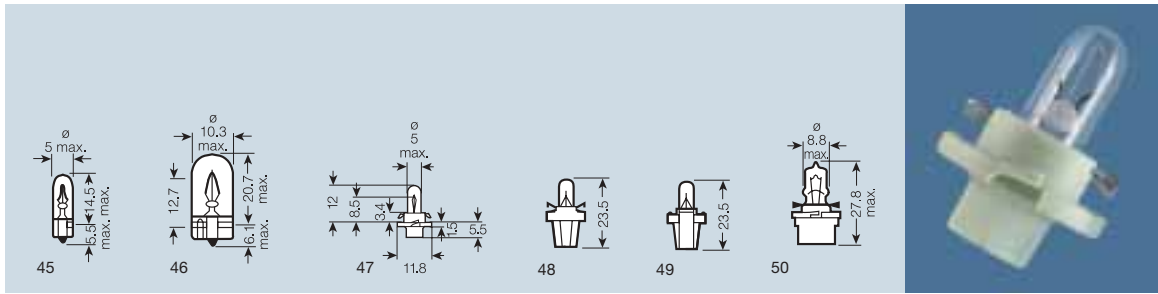
Dual-coil BILUX® headlight lamps with SAE approval








9003 ¹⁾	4050300308975	•	HB2	12	60/55	P43t	39	4050300308999	100
9004	4050300239866		HB1	12	65/45	P29t	40	4050300239873	200
9007	4050300148816		HB5	12	65/55	PX29t	41	4050300148830	200
64178	On request	•	H13	12	60/55	P26.4t	42	On request	







OSRAM SNAP™LITE® lamps for new headlight systems

64242	4008321055422	•	H8B ¹⁾	12	35	PGJY-1	43	4008321055446	100
64243	4008321055477	•	H9B ¹⁾	12	65	PGJY-5	44	4008321055491	100
64241	4008321054654	•	H11B ¹⁾	12	55	PGJY-2	43	4008321054678	100





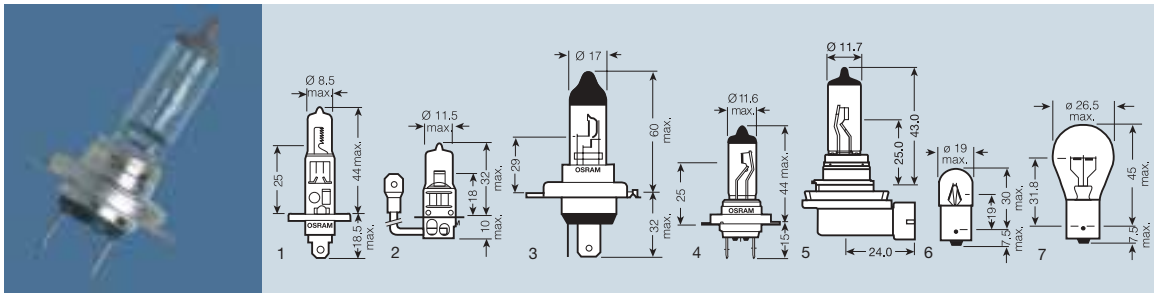
Product reference	Product number Single pack							Product number Standard pack	
Lamps for instrument lighting and switches									
2721	4050300838540			12	1.2	W2x4.6d	45	4008321094797	50
2722	4008321094803			12	2	W2x4.6d	45	4008321094827	50
2723	4008321094834	•	W2.3W	12	2.3	W2x4.6d	45	4008321094858	50
2820	4008321094094			12	2	W2.1x9.5d	13 ^{P. 9.08}	4008321094117	50
2821	4050300838663	•	W3W	12	3	W2.1x9.5d	46	4008321094438	50
3796	4050300891309			12	2	BA9s	28 ^{P. 9.09}	4008321095718	50
3860	4008321095756			12	5	BA9s	14 ^{P. 9.08}	4008321095770	50
3893	4050300838489	•	T4W	12	4	BA9s	14 ^{P. 9.08}	4008321095626	50
3894	4008321095725			12	3	BA9s	28 ^{P. 9.09}	4008321095749	50

Product reference	Product number Single pack						Product number Standard pack	
Lamps for instrument lighting with holder for use in printed circuit boards								
2351MFX6	4008321096852	Jet black	12	1.2	BX8.4d	47	4008321096876	50
2352MFX6	4008321097149	Pale green	12	2	BX8.4d	47	4008321097163	50
2452MFX6	4008321097118	Beige	12	1.5	BX8.4d	47	4008321097132	50
2473MFX6	4008321096821	Pastel orange	12	1.1	BX8.4d	47	4008321096845	50
2721MF	4050300891255	Jet black	12	1.2	B8.5d	48	4008321096753	50
2721MF8	4008321096388	Jet black	12	1.2	B8.3d	49	4008321096401	50
2722MF	4008321096791	Lime green	12	2	B8.5d	48	4008321096814	50
2722MF8	4008321096418	Pure white	12	2	B8.3d	49	4008321096739	50
2752MF	4008321096760	Beige	12	1.5	B8.5d	48	4008321096784	50
64122MF	4008321095107	Brown	12	3	B10d	50	4008321095121	50
64124MF	4008321101471	Black	12	5	B10d	50	4008321101495	50

The suffix on the product reference indicates the board thickness:

MFX6: 1.5 mm
 MF: 2.0 mm
 MF8: 2.0 mm





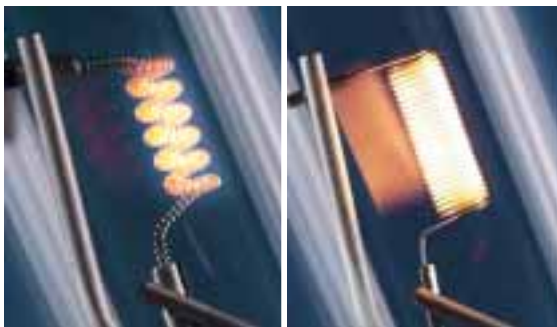
Product reference	Product number Single pack	E	ECE	V	W		No.	Product number Standard pack	
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OSRAM TRUCKSTAR® – up to 100% more light on the road and 100% longer life²⁾

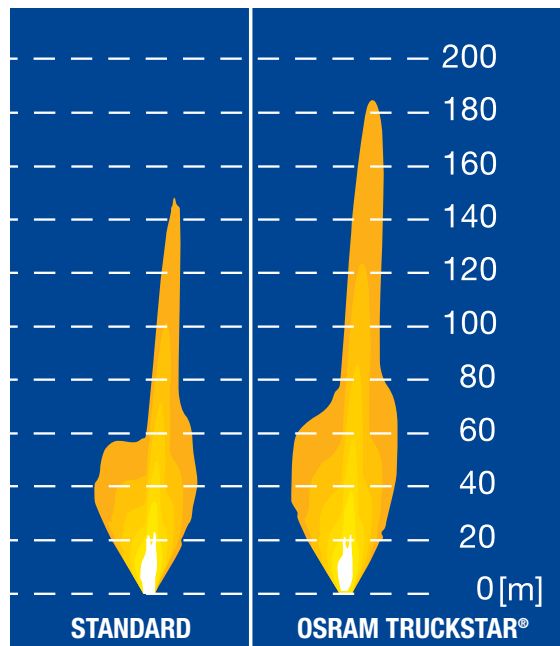
64155LTS	4008321004093	•	H1	24	70	P14.5s	1	4008321004116	100
64156LTS	4008321004123	•	H3	24	70	PK22s	2	4008321004147	100
64196LTS ¹⁾	4008321133571	•	H4	24	75/70	P43t	3	4008321133595	100
64215LTS	4008321004246	•	H7	24	70	PK26d	4	4008321004260	100
64216LTS ¹⁾	4008321004369	•	H11	24	70	PGJ19-2	5	4008321004383	100
3930LTS	4008321130846	•	T4W	24	4	BA9s	8 ^{P.9.13}	4008321130860	50
5627LTS	4008321130877	•	R5W	24	5	BA15s	6	4008321130891	50
5637LTS	4008321130907	•	R10W	24	10	BA15s	6	4008321130921	50
7511LTS	4008321130938	•	P21W	24	21	BA15s	7	4008321130952	50
7510LTS	4008321130969	•	PY21W	24	21	BAU15s	13 ^{P.9.13}	4008321130983	50

Replaces the OSRAM GIGANT® HEAVY-DUTY family of lamps.

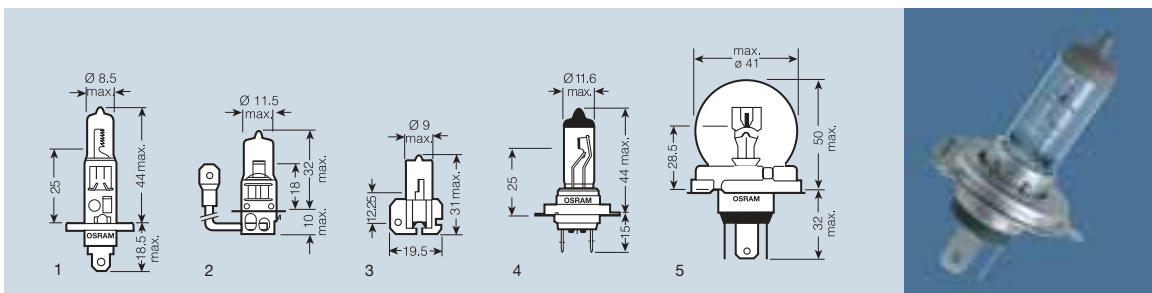
OSRAM TRUCKSTAR® – brighter light, better visibility, longer life and increased safety. Almost any make of truck can be fitted with these innovative lamps from OSRAM.



Innovation made by OSRAM: Thanks to the new and patented single-coil technology (above right), the OSRAM TRUCKSTAR® will last up to 100% longer²⁾ than lamps with conventional double coils (above left).



Compared with a conventional 24 V lamp (left), the OSRAM TRUCKSTAR® shines up to 100% more light on the road²⁾.



Product reference	Product number Single pack	E	ECE	V	W		No.	Product number Standard pack	
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Single-coil headlight lamps for innovative dual headlight systems

64155	40503000 16498	•	H1	24	70	P14.5s	1	4050300 210148	100
64156	40503000 16535	•	H3	24	70	PK22s	2	4050300 211244	100
64175	4050300 218960	•	H2	24	70	X511	3	4050300 218984	100
64215	4050300 386522	•	H7	24	70	PX26d	4	4050300 386546	100

Dual-coil headlight lamps for normal headlight systems

7952	40503000 16405	•	R2	24	55/50	P45t	5	4050300 205151	100
64196	40503000 16542	•	H4	24	75/70	P43t	6	4050300 212289	100

Lamps for position and parking lights

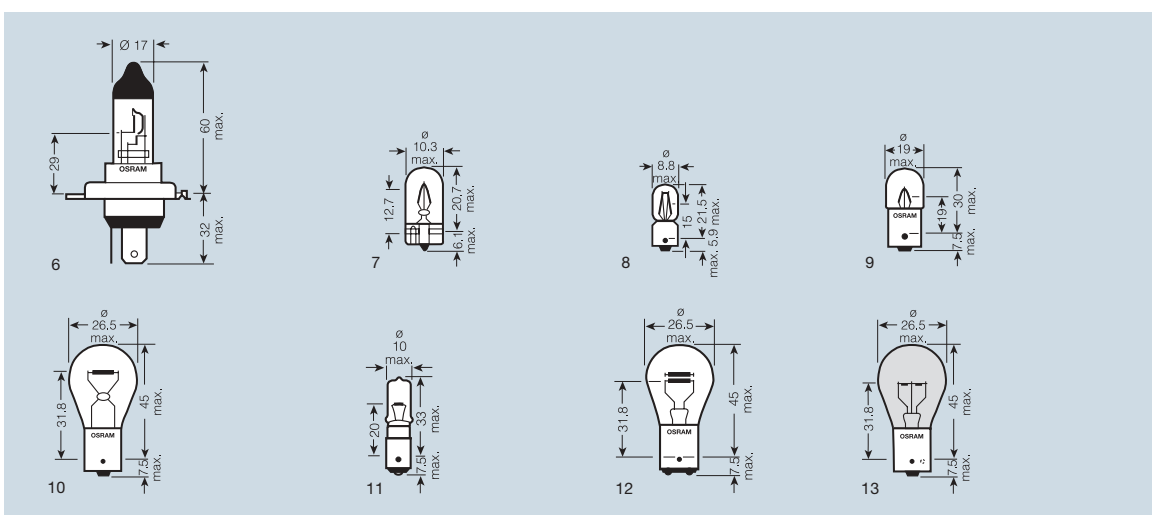
2845	4050300 891552	•	W5W	24	5	W2.1x9.5d	7	400832 1094773	50
3930	4050300 838366	•	T4W	24	4	BA9s	8	400832 1095695	50
5627	4050300 838335	•	R5W	24	5	BA15s	9	400832 1095367	50

Indicator lamps

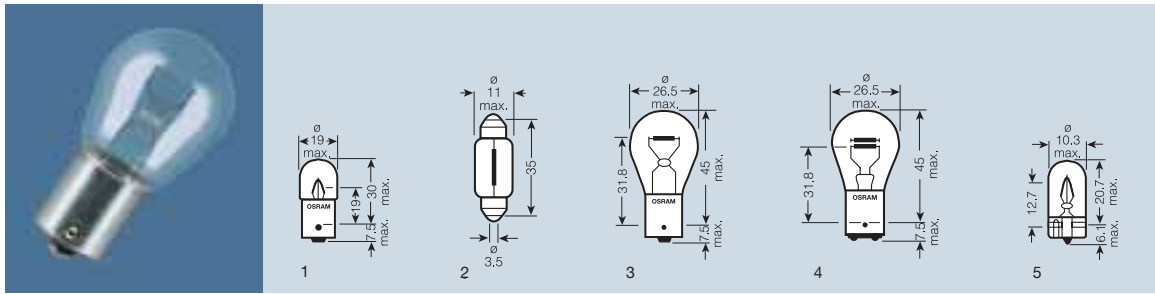
2845	4050300 891552	•	W5W	24	5	W2.1x9.5d	7	400832 1094773	50
7511	4050300 838090	•	P21W	24	21	BA15s	10	400832 1090980	50
64138	400832 1094988	•	H21W	24	21	BAY9s	11	400832 1095008	50

Indicator, brake, fog and reversing light lamps

7511	4050300 838090	•	P21W	24	21	BA15s	10	400832 1090980	50
7537	4050300 838038	•	P21/5W	24	21/5	BAY15d	12	400832 1091109	50
64138	400832 1094988	•	H21W	24	21	BAY9s	11	400832 1095008	50



OSRAM STANDARD LINE 24 V



Product reference	Product number Single pack						No.	Product number Standard pack	
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Reversing, brake and fog light lamps

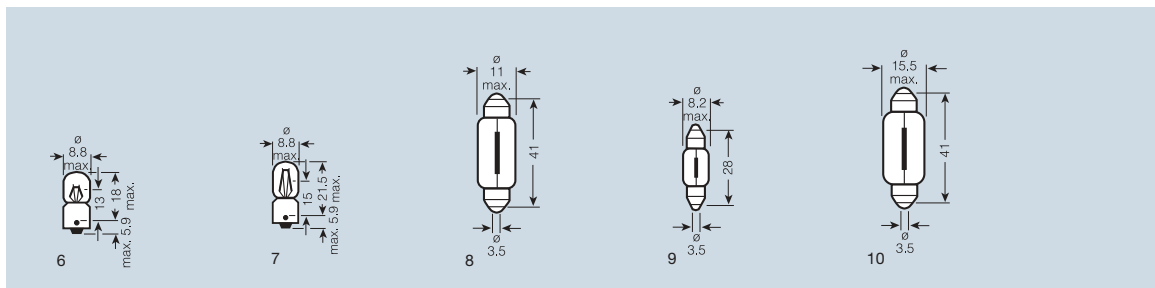
5627	4050300838335	•	R5W	24	5	BA15s	1	4008321095367	50
5637	4050300831459	•	R10W	24	10	BA15s	1	4008321095411	50
6423	4050300831435	•	C5W	24	5	SV8.5-8	2	4008321094322	50
7511	4050300838090	•	P21W	24	21	BA15s	3	4008321090980	50
7537	4050300838038	•	P21/5W	24	21/5	BAY15d	4	4008321091109	50

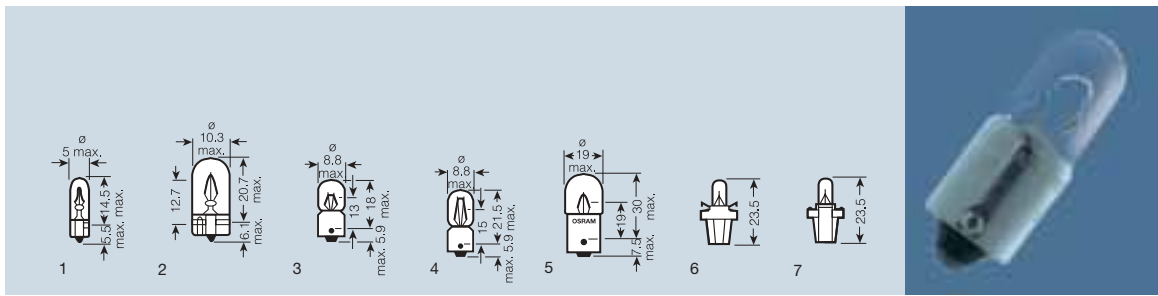
Number plate and side position light lamps

5627	4050300838335	•	R5W	24	5	BA15s	1	4008321095367	50
5637	4050300831459	•	R10W	24	10	BA15s	1	4008321095411	50
6423	4050300831435	•	C5W	24	5	SV8.5-8	2	4008321094322	50

Lamps for interior lighting and reading lights

2840	4008321094698			24	2	W2.1x9.5d	5	4008321094711	50
3797	4050300891668			24	2	BA9s	6	4008321095817	50
3930	4050300838366	•	T4W	24	4	BA9s	7	4008321095695	50
5627	4050300838335	•	R5W	24	5	BA15s	1	4008321095367	50
5637	4050300831459	•	R10W	24	10	BA15s	1	4008321095411	50
6421	4008321090768			24	3	SV8.5-8	8	4008321090782	50
6423	4050300831435	•	C5W	24	5	SV8.5-8	2	4008321094322	50
6424	4050300891712			24	5	SV8.5-8	8	4008321090829	50
6429	4008321090836			24	10	SV8.5-8	8	4008321090850	50
6430	4008321094414			24	3	SV7-8	9	4008321094537	50
6453	4008321094544			24	15	SV8.5-8	10	4008321094568	50
6480	4008321090935			24	18	SV8.5-8	10	4008321090959	50





Product reference	Product number Single pack							Product number Standard pack	
Lamps for instrument lighting and switches									
2741	4050300838519			24	1.2	W2x4.6d	1	4008321094889	50
2840	4008321094698			24	2	W2.1x9.5d	2	4008321094711	50
2841	4008321094728	•	W3W	24	3	W2.1x9.5d	2	4008321094742	50
3797	4050300891668			24	2	BA9s	3	4008321095817	50
3930	4050300838366	•	T4W	24	4	BA9s	4	4008321095695	50
5627	4050300838335	•	R5W	24	5	BA15s	5	4008321095367	50
5637	4050300831459	•	R10W	24	10	BA15s	5	4008321095411	50

Product reference	Product number Single pack						Product number Standard pack	
Lamps for instrument lighting with holder for use in printed circuit boards								
2741MF	4050300891606	Slate grey	24	1.2	B8.5d	6	4008321097200	50
2741MF8	4008321097170	Slate grey	24	1.2	B8.3d	7	4008321097194	50

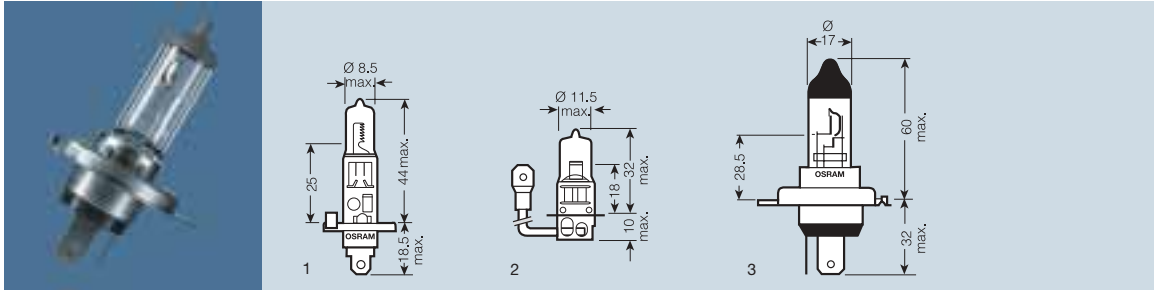
The suffix on the product reference indicates the board thickness:

MF: 2.0 mm

MF8: 2.0 mm



High-performance halogen headlight lamps



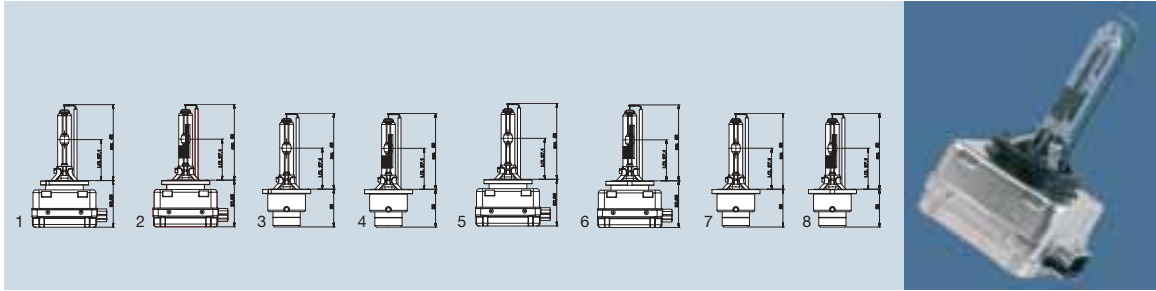
Product reference	Product number Single pack	E.	ECE	V	W		No.	Product number Standard pack	
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High-performance halogen lamps for professional headlights with coded bases

64152	4050300222738	–	12	100	PX14.5s	1	4050300222752	100
64153	4050300222837	–	12	100	PKY22s	2	4050300222851	100
64194	4050300225852	–	12	100/80	PU43t	3	4050300225876	100

Not permitted on public roads.





Product reference	Product number Single pack	E	ECE	V	W		No.	Product number Standard pack	
XENARC® electronic gas discharge headlight lamps – the revolutionary technology									
66142 ¹⁾²⁾⁵⁾	4050300893259	•	D1S ⁴⁾	35	PK32d-2	1	4050300893266	10	
66152 ¹⁾³⁾⁵⁾	4008321902719	•	D1R ⁴⁾	35	PK32d-3	2	4008321902726	10	
66240 ¹⁾²⁾⁵⁾⁷⁾	4050300357393	•	D2S ⁴⁾	35	P32d-2	3	4050300357409	10	
66250 ¹⁾³⁾⁵⁾⁸⁾	4050300433486	•	D2R ⁴⁾	35	P32d-3	4	4050300433493	10	
66340 ⁹⁾	4008321128553	•	D3S ⁴⁾	35	PK32d-5	5	4008321128560	10	
66350 ⁹⁾	4008321129857	•	D3R ⁴⁾	35	PK32d-5	6	4008321129864	10	
66440 ⁹⁾	4050300877846	•	D4S ⁴⁾	35	PK32d-5	7	4050300877853	10	
66450 ⁹⁾	4008321059178	•	D4R ⁴⁾	35	P32d-6	8	4008321059185	10	

Comparison		D4S	D4R	D3S	D3R	D2S	D2R	D1S	D1R
Rated wattage	W	35	35	35	35	35	35	35	35
Luminous flux	lm	3200	2800	3200	2800	3200 ⁶⁾	2800 ⁶⁾	3200 ⁶⁾	2800 ⁶⁾
Luminous efficacy	lm/W	89	80	89	80	91	80	91	80
Colour temperature	K	4150	4150	4150	4150	4100	4000	4100	4000
Life (h)	h B ₃	1500	1500	1500	1500	2000	2000	2000	2000
	T _c	2500	2500	2500	2500	3000	3000	3000	3000

OSRAM XENARC® lamps are famous for their outstanding performance. Now this innovative automotive lamp is making a name for itself for being kind to the environment. The D3 and D4 products are mercury-free but still have the same output.

Note: Because of their high voltage, XENARC® and XENAELECTRON® products may only be used in combination with one another and may only be replaced at authorised workshops. Improper use in vehicles may make the vehicle illegal and therefore not covered by insurance.

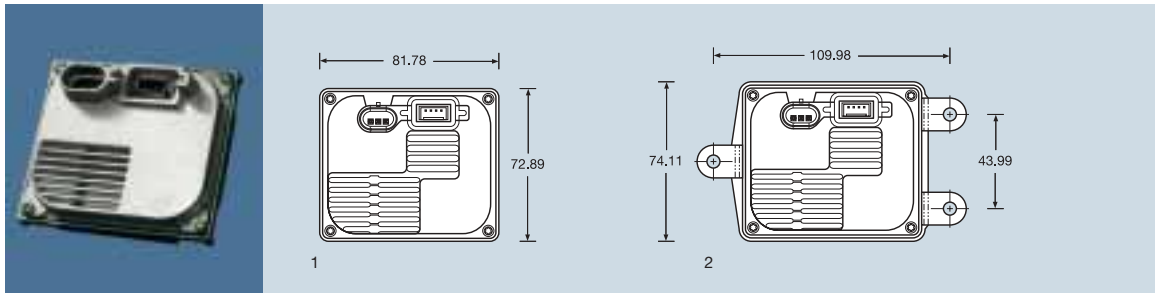


The filament of a halogen lamp compared to the arc of a XENARC® lamp.



1) Reduced UV emission
 2) For projection headlights
 3) With anti-glare strip for reflection headlights
 4) To be operated only with approved electronic control gear
 5) SAE and ECE approved
 6) ± 450 lm
 7) Successor to 66040, simple replacement
 8) Successor to 66050, simple replacement
 9) Mercury-free

XENARC® electronic D1S/R, the XENAELECTRON® control gear and the associated connecting cables form a perfectly matched system from OSRAM.



Product reference

**Product number
Single pack**



V

Hz

A

W

°C
min.-max.

XENAELECTRON® for XENARC® electronic gas discharge headlight lamps

XENAELECTRON® XT5-1-D1/12V	4008321 015686	D1S & D1R	12	500	3.4	41 ¹⁾	-40 ... 105
XENAELECTRON® XT5-3-D1/12V TAB	4008321 015709	D1S & D1R	12	500	3.4	41 ¹⁾	-40 ... 105
XENAELECTRON® XT5-1-D1/24V	In preparation	D1S & D1R	24	500	1.7	41 ¹⁾	-40 ... 105
XENAELECTRON® XT5-3-D1/24V TAB	In preparation	D1S & D1R	24	500	1.7	41 ¹⁾	-40 ... 105
XENAELECTRON® XT5-3-D3/12V TAB	In preparation	D3S	12	500	3.5	42 ²⁾	-40 ... 105

Product reference

l
[mm]

b
[mm]

h
[mm]

g

No.

**Product number
Standard pack**

40

XENAELECTRON® XT5-1-D1/12V	82	73	25	106	1	4008321 015693	40
XENAELECTRON® XT5-3-D1/12V TAB	125	74	25	116	2	4008321 015716	40
XENAELECTRON® XT5-1-D1/24V	82	73	25	106	1	In preparation	40
XENAELECTRON® XT5-3-D1/24V TAB	125	74	25	116	2	In preparation	40
XENAELECTRON® XT5-3-D3/12V TAB	125	74	25	116	2	In preparation	40

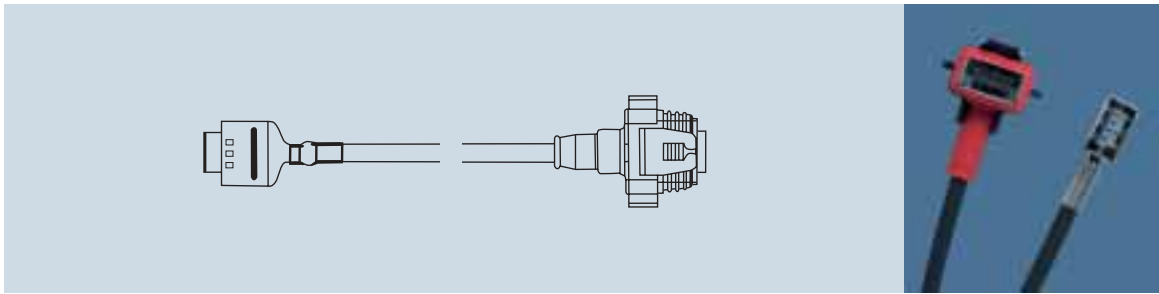
The control gear complies with type of protection IP X7.







The OSRAM D1/D3 system consists of OSRAM XENAELECTRON® XT5-D1/12V or OSRAM XENAELECTRON® XT5-D3/12V control gear for mercury-free gas discharge lamps (XENARC® D3), a connecting cable between the control gear and the lamp, and the OSRAM D1/D3 XENARC® electronic lamp.

Note: Because of their high voltage, XENARC® and XENAELECTRON® products may only be used in combination with one another and may only be replaced at authorised workshops. Improper use in vehicles may make the vehicle illegal and therefore not covered by insurance.

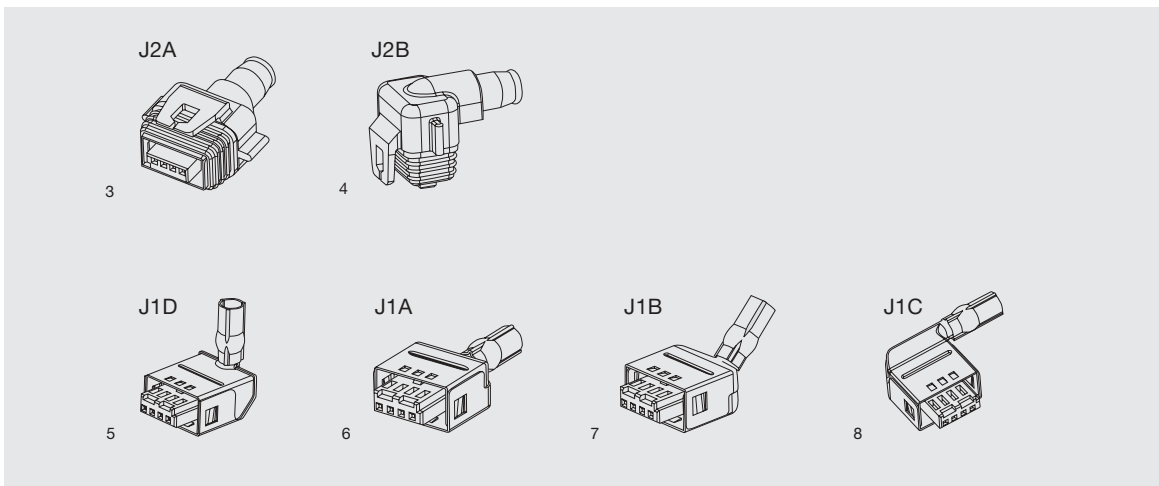
D1 & D3 HID system properties

- Perfectly matched to OEM automotive requirements
- Compact design of the XENAELECTRON® control gear
- Reduction in high voltage on the connecting cable by a factor of more than 20 compared with a D2 system
- Highly flexible connecting cable between the control gear and the lamp
- Elimination of the costly and critical high-voltage plug connections on the lamp
- Optimised and integrated high-voltage igniter in the protected lamp base
- Tried and tested lamp technology based on the D2 lamp



Product reference	Product number Single pack	 [mm]	 Lamp	 No.	 ECG	 No.	Product number Standard pack	
Cable for OSRAM D1 systems								
Input connector cable	4050300 942797	900	—	—	—	—	4050300 942797	10
32340 Connecting cable	4050300 942704	390	J1A	6	J2A	3	4050300 942704	40
32342 Connecting cable	4050300 942711	540	J1A	6	J2A	3	4050300 942711	40
32344 Connecting cable	4050300 942728	390	J1A	6	J2B	4	4050300 942728	40
32346 Connecting cable	4050300 942735	150	J1A	6	J2B	4	4050300 942735	40
32350 Connecting cable	4050300 942742	280	J1B	7	J2B	4	4050300 942742	40
32356 Connecting cable	4050300 942759	170	J1C	8	J2B	4	4050300 942759	40
32358 Connecting cable	4050300 942766	300	J1C	8	J2B	4	4050300 942766	40
32360 Connecting cable	4050300 942773	240	J1D	5	J2A	3	4050300 942773	40
32362 Connecting cable	4050300 942780	800	J1D	5	J2B	4	4050300 942780	40

Cables may be up to 1.20 m long.
 Other cable versions available on request.
 Cables for OSRAM D3 systems available on request.



Bases IEC/EN 60061-1

Holders IEC/EN 60061-2

SV7-8 Sheet 7004-80	SV8.5-8 Sheet 7004-81	W2x4.6d Sheet 7004-94	W2.1x9.5d Sheet 7004-91	W2.5x16d Sheet 7004-104	W2.5x16q Sheet 7004-104
Holder standard: Sheet 7005-80 Sheet 7005-80 Sheet 7005-94 Sheet 7005-91 Sheet 7005-104 Sheet 7005-104					

BA9s Sheet 7004-14	BAY9s Sheet 7004-9	BAX9s Sheet 7004-8	B8.4-12.5 BX8.4-12.5	B8.5d BX8.5d	B8.3d	B10d-14.5 BX10d-14.5
Holder standard: Sheet 7005-12 Sheet 7005-9 Sheet 7005-8						

BA15s Sheet 7004-13	BAU15s Sheet 7004-19	BA15d Sheet 7004-13	BAY15d Sheet 7004-11 B	BAZ15d Sheet 7004-11 D	BA20d Sheet 7004-12
Holder standard: Sheet 7005-13 Sheet 7005-13 Sheet 7005-13 Sheet 7005-13 Sheet 7005-13 Sheet 7005-14					



P14.5s Sheet 7004-46	P26s Sheet 7004-36	PX13.5s Sheet 7004-35	PGJY-2 PGJY-5 PGJY-1	P26.4t
Holder standard: Sheet 7005-46 Sheet 7005-36 Sheet 7005-35 Sheet 7004-146-1 Sheet 7004-128-2				
PX14.5s	PX26d Sheet 7004-5 Sheet 7005-5	X511 Sheet 7004-99 Sheet 7005-99	PGJ 19 PGJ 19-1 PGJ 19-2 PGJ 19-5 Sheet 7004-110 Sheet 7005-110	

Bases IEC/EN 60061-1 Holders IEC/EN 60061-2

