



Light is power

OSRAM XENARC®

Discover our new
xenon product range

Light is OSRAM

OSRAM



Covering the essential and the special

The XENARC® range

As one of the leading suppliers in the automotive lighting sector, OSRAM has been manufacturing lamps for headlights since 1919. In 1991, OSRAM introduced the first xenon discharge lamp. Since then, our XENARC® range has been constantly extended and optimized to provide maximum performance and open up new possibilities in headlight and vehicle design.

XENARC® lamps produce up to 100 % more light than halogen headlight lamps, yet consume up to 50 % less energy. By providing optimum visibility and a proven increase in driving safety, they perfectly meet the essential requirement of automotive headlight systems. In addition, the broad product portfolio allows you to easily satisfy all special needs of your customers.

XENARC® ORIGINAL

For performance-oriented customers seeking for high quality and reliability, OSRAM offers a four-year guarantee on the XENARC® ORIGINAL*



XENARC® COOL BLUE® INTENSE

For design-oriented customers: stylish look with bluish, bright white light, high light output, homogeneous light distribution and long lifetime



XENARC® NIGHT BREAKER® UNLIMITED

For customers looking for maximum visibility and safety: the most powerful automotive xenon lamps in the world



XENARC® CLASSIC

For cost-conscious drivers that look for an efficient and powerful lamp: attractive price



XENAELECTRON®

The perfect match for your system solution with the XENARC® D1/D3 or D8



* For exact conditions, please refer to www.osram.com/am-guarantee

OSRAM XENARC® ORIGINAL

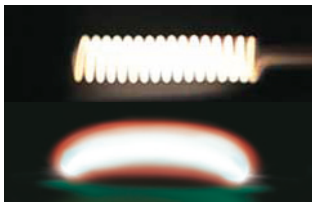
A new level of performance

The XENARC® ORIGINAL lamp family has given automotive lighting an all-new intensity and standard. Due to their high quality and reliability, OSRAM gives a full four-year guarantee* on XENARC® ORIGINAL lamps. With the XENARC® ORIGINAL systems D1, D2, D3, D4 and D8, OSRAM has also ventured into

a new dimension of efficiency. They provide the full power of xenon light and improve the driving comfort significantly. Good illumination of the road ahead and a color temperature similar to that of natural daylight help keep drivers relaxed, even on long journeys.

OSRAM high pressure gas discharge lamps are setting new standards in terms of light quantity, cost efficiency and service life.

XENARC® lamps are only approved for use in special xenon headlamps. The lamps may be replaced by trained specialist personnel only.



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



OSRAM XENARC® ORIGINAL D2S

Benefits

- Up to 4150 K
- XENARC® ORIGINAL systems D3, D4 and D8: free of mercury
- Reduced CO₂ emissions thanks to less energy consumption
- System solutions perfectly matched to OEM automotive requirements
- Full four-year guarantee*
- Available as D1S, D1R, D2S, D2R, D3S, D3R, D4S, D4R and D8S

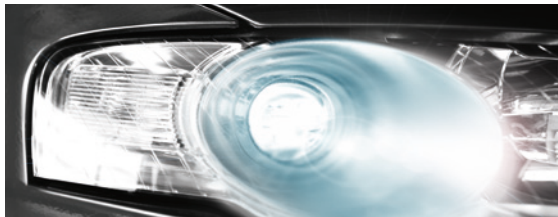
* For exact conditions, please refer to www.osram.com/am-guarantee

OSRAM XENARC® COOL BLUE® INTENSE

Brilliant technology and eye-catching design

XENARC® COOL BLUE® INTENSE lamps offer a unique combination of stylish design and maximum light effects. Therefore, they especially appeal to customers who are fascinated by the finer details of high technology. The value-added lamps produce their attractive bluish-white light not by means of blue-coated areas on the outer bulb but with the

help of a special filling system. With their high-contrast light, people, dirt-covered road markings and other obstacles can be recognized more easily during night drives. In order to complete the perfect look, OSRAM can also provide color-matched halogen lamps as a complementary line – yet another sound selling point for demanding customers.





OSRAM XENARC® COOL BLUE® INTENSE D2S

Benefits

- COOL BLUE® effect thanks to very high color temperature (up to 5500 K)
- Considerably higher light output by up to 20 %* for perfect road illumination and individual light design
- Long service life
- ECE-approved and DOT-awarded
- Used as OEM components in a number of upmarket car models
- Available as D1S, D1R, D2S and D2R, as of autumn 2014 also available as D3 and D4

* Compared with conventionally coated gas discharge lamps

OSRAM XENARC® NIGHT BREAKER® UNLIMITED

Unrivalled power for uncompromised safety

The new highlight on the xenon market: XENARC® NIGHT BREAKER® UNLIMITED are the most powerful xenon headlamps in the world. Compared with standard xenon lamps, they can achieve up to 70 % more light compared to standard products. Thanks to these impressive characteristics, they are the new

first choice for all of your customers that expect maximum visibility and maximum safety. The higher light output results in an apparently better illumination of the road ahead. For the driver this means greater safety: he stays more concentrated and can react faster. And for you? More customers, more turnover!





OSRAM XENARC® NIGHT BREAKER® UNLIMITED D2S

Benefits

- Up to 4350K
- The most powerful automotive xenon lamps in the world
- XENARC® NIGHT BREAKER® UNLIMITED, can achieve up to 70 % more light compared to standard products, for better visibility so that the driver has significantly more time to react
- Up to 20m longer light beam*
- Up to 5 % whiter light for reduced driver fatigue and increased driving comfort
- Available as D1S and D2S

* Depending on headlamp system

OSRAM XENARC® CLASSIC

Perfect combination of efficiency and quality

With the XENARC® CLASSIC, OSRAM provides a cost-efficient lamp. Thanks to its attractive price level and reliable quality, it is the first choice for

economically thinking drivers. Moreover, our customers benefit from the bright light due to latest arc technology and therefore improved safety.

Benefits

- Up to 4000K
- Available as D1S, D1R, D2S and D2R
- Reduced CO₂ emissions thanks to less energy consumption



OSRAM XENARC® CLASSIC D2S

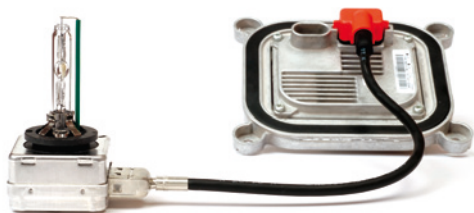
XENAELECTRON®

Efficient control gears ensure high reliability

The XENAELECTRON® control gears ensure an excellent EMI performance and provide optimal operation of D1, D3 and D8 HID lamps in 12 V- as well as 24 V-systems in order to unleash their full potential.

While the XENAELECTRON® XT5-D1/12V/24V and

XENAELECTRON® XT6-D3/12 V control gears are connected to OSRAM XENARC® D1 and D3 lamps, the XENAELECTRON® 25XT6 is used for the newly developed D8 systems for mercury-free gas discharge lamps with a power consumption of only 25 W (XENARC® D8S).



OSRAM D3S with OSRAM XENAELECTRON®

Ready for higher sales?

Profit from the xenon replacement wave

Your great opportunity for the spare part business: the first major car models will soon be in need of replacements for their xenon lamps. This demand is growing by up to 20 % yearly, thus dealers and garages are enjoying a higher profit margin in this product segment than for all other automotive lamps. With the complete XENARC®

range, you are more than ready to profit from this replacement wave as you can offer your customers the perfect solution for every xenon headlight system. Moreover, OSRAM also brightens up your point of sale – with eye-catching advertising materials and our special live demonstration tool, the Light Performance Box.

Light Performance Box

Showcasing lamps of the XENARC® range, the Light Performance Box presents an impressive comparison of light intensities and colors. Ask your specialized OSRAM dealer for details and conditions.



OSRAM Automotive Lamp Cabinet

Robust construction, individual stocking: The ALC offers clear and easy access to the OSRAM 12V or 24V product range.

- Clear lamp arrangement
- Slot system for easy removal
- Available with or without lock



Become a certified OSRAM partner for xenon sales

All garages can replace gas discharge lamps when they have trained personnel. OSRAM certifies the competent service of its partners.

All order numbers at a glance.

ECE	Article name		lm	K	Article no. single packaging	Article no. shipping unit	
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OSRAM XENARC® CLASSIC

D1S ¹⁾	66140 ³⁾	PK32d-2	3200 ⁵⁾	4000	4052899075382	4052899075399	10
D1R ²⁾	66154CLC ³⁾	PK32d-3	2800 ⁵⁾	4000	4052899075412	4052899075429	10
D2S ¹⁾	66240CLC ³⁾	P32d-2	3200 ⁵⁾	4000	4052899075443	4052899075450	10
D2R ²⁾	66250CLC ³⁾	P32d-3	2800 ⁵⁾	4000	4052899075474	4052899075481	10

OSRAM XENARC® ORIGINAL

D1S ¹⁾	66144 ³⁾	PK32d-2	3200 ⁵⁾	4150	4008321184474	4008321874597	4
D1R ²⁾	66154 ³⁾	PK32d-3	2800 ⁵⁾	4150	4008321184511	4008321874610	10
D2S ¹⁾	66240 ³⁾	P32d-2	3200 ⁵⁾	4150	4008321184573	4008321184580	10
D2R ²⁾	66250 ³⁾	P32d-3	2800 ⁵⁾	4150	4008321184634	4008321184641	10
D3S ¹⁾	66340 ³⁾	PK32d-5	3200 ⁵⁾	4150	4008321379627	4008321379634	10
D3R ²⁾	66350 ³⁾	PK32d-6	2800 ⁵⁾	4150	4008321129857	4008321129864	10
D4S ¹⁾	66440 ³⁾	P32d-5	3200 ⁵⁾	4150	4008321349392	4008321349408	10
D4R ²⁾	66450 ³⁾	P32d-6	2800 ⁵⁾	4150	4008321349576	4008321349583	10
D8S ¹⁾	66548 ³⁾	PK32D-1	2000 ⁴⁾	4500	4008321787019	4008321787026	10

OSRAM XENARC® COOL BLUE® INTENSE

D1S ¹⁾	66144CBI ³⁾	PK32d-2	3200 ⁵⁾	5500	4008321401472	4008321401489	10
D1R ²⁾	66154CBI ³⁾	PK32d-3	2800 ⁵⁾	5500	4008321401373	4008321401380	10
D2S ¹⁾	66240CBI ³⁾	P32d-2	3200 ⁵⁾	5500	4008321401359	4008321401366	10
D2S ¹⁾	66240CBI-HCB ³⁾	P32d-2	3200 ⁵⁾	5500	4008321588883	4008321588890	10
D2R ²⁾	66250CBI ³⁾	P32d-3	2800 ⁵⁾	5500	4008321401533	4008321401540	10

OSRAM XENARC® NIGHT BREAKER® UNLIMITED

D1S ¹⁾	66140XNB ³⁾	PK32d-2	3200 ⁵⁾	4350	4052899047068	4052899047075	10
D2S ¹⁾	66240XNB ³⁾	P32d-2	3200 ⁵⁾	4350	4052899047082	4052899047099	10
D2S ¹⁾	66240XNB-HCB ³⁾	P32d-2	3200 ⁵⁾	4350	4052899047105	4052899047112	10

Article name	Article no. single packaging	ECE	V	I [mm]	b [mm]	h [mm]	°C min...max	
XENAELECTRON® for XENARC® electronic gas discharge headlight lamps – product range								
XENAELECTRON	4008321908575	D1S & D1R	12	82	73,15	25,2	-40...+105	40
XENAELECTRON	4008321908582	D1S & D1R	12	125	74,11	25,2	-40...+105	40
XENAELECTRON	4008321033611	D1S & D1R	12	123	105,77	25,2	-40...+105	45
XENAELECTRON	4008321139047	D1S & D1R	24	82	73,15	25,2	-40...+105	40
XENAELECTRON	4008321139023	D1S & D1R	24	125	74,11	25,2	-40...+105	40
XENAELECTRON	4008321139061	D3S & D3R	12	123	105,77	25,2	-40...+105	45
XENAELECTRON	4008321676702	D3S & D3R	12	123	102	25,2	-40...+105	32
XENAELECTRON	4008321542861	D8S	12	123	102	25,2	-40...+105	32

XENARC® electronic D1S/R or D3S/R, XENAELECTRON® control gear and the associated connecting cables form a perfectly matched system from OSRAM.

1) Reduced UV emission | For projection headlights | ECE approval and DOT label

2) Reduced UV emission | With anti-glare strip for reflection headlights | ECE approval and DOT label

3) To be operated only with approved electronic control gear

4) ± 300 lm

5) ± 450 lm

Important notes



HID bulbs should be used only in headlamps with protective covers.



Electronic ballasts should be installed and replaced only by trained technicians.



When installing or removing lamps, wear safety gloves and goggles at all times!



Do not touch the glass of the lamp. Hold the lamp by its base when installing it.



Do not use lamps with scratched or damaged glass.



Caution: HOT! After turning off the headlamps, allow them to cool for about 5 minutes – do not replace the bulb before it has cooled.

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