

# XENARC ORIGINAL

Four-year guarantee



## The original spare parts with four-year guarantee



XENARC ORIGINAL lamps impress with a wide product range and the reliable OEM quality. Successfully used in millions of new automobiles from renowned manufacturers, whether as standard initial equipment or original spare parts. With up to 4,500 Kelvin color temperature, their light is closer to natural daylight than conventional halogen light with 3,200 Kelvin – and is thus more pleasant for the eyes. Thanks to the impressive intensity of the light, the lamps provide better visibility on the road. The durable lamps function as original spare parts of your vehicle and convince with their long lifetime. OSRAM provides a 4-year-guarantee for XENARC ORIGINAL lamps. Please note: XENARC lamp change is recommended to be carried out by a professional.

Product family datasheet

Technical data

| Product description | Electrical Data |                 |                 |              | Photometric Data      |
|---------------------|-----------------|-----------------|-----------------|--------------|-----------------------|
|                     | Power input     | Nominal voltage | Nominal wattage | Test voltage | Nominal luminous flux |
| XENARC ORIGINAL D1S | 35 W            | 85 V            | 35 W            | 13.5 V       | 3200 lm               |
| XENARC ORIGINAL D1R | 35 W            | 85 V            | 35 W            | 13.5 V       | 2800 lm               |
| XENARC ORIGINAL D2S | 35 W            | 85 V            | 35 W            | 13.5 V       | 3200 lm               |
| XENARC ORIGINAL D2R | 35 W            | 85 V            | 35 W            | 13.5 V       | 2800 lm               |
| XENARC ORIGINAL D3S | 35 W            | 42 V            | 35 W            | 13.5 V       | 3200 lm               |
| XENARC ORIGINAL D3R | 35 W            | 42 V            | 35 W            | 13.5 V       | 2800 lm               |
| XENARC ORIGINAL D4S | 35 W            | 42 V            | 35 W            | 13.5 V       | 3200 lm               |
| XENARC ORIGINAL D4R | 35 W            | 42 V            | 35 W            | 13.5 V       | 2800 lm               |
| XENARC ORIGINAL D5S | 31 W            | 13.2 V          | 25 W            | 13.5 V       | 2000 lm               |
| XENARC ORIGINAL D8S | 25 W            | 42 V            | 25 W            | 13.5 V       | 2000 lm               |

| Product description | Luminous flux tolerance | Physical Attributes & Dimensions |          | Lifetime Data |             | Capabilities      |
|---------------------|-------------------------|----------------------------------|----------|---------------|-------------|-------------------|
|                     |                         | Diameter                         | Diameter | Lifespan B3   | Lifespan Tc | Technology        |
| XENARC ORIGINAL D1S | ±15 %                   | 9 mm                             | 9 mm     | 2000 hr       | 3000 hr     | HID <sup>1)</sup> |
| XENARC ORIGINAL D1R | ±16 %                   | 9 mm                             | 9 mm     | 2000 hr       | 3000 hr     | HID <sup>1)</sup> |
| XENARC ORIGINAL D2S | ±15 %                   | 9 mm                             | 9 mm     | 2000 hr       | 3000 hr     | HID               |
| XENARC ORIGINAL D2R | ±16 %                   | 9 mm                             | 9 mm     | 2000 hr       | 3000 hr     | HID               |
| XENARC ORIGINAL D3S | ±15 %                   | 9 mm                             | 9 mm     | 2000 hr       | 4000 hr     | HID               |
| XENARC ORIGINAL D3R | ±16 %                   | 9 mm                             | 9 mm     | 1500 hr       | 2500 hr     | HID               |
| XENARC ORIGINAL D4S | ±15 %                   | 9 mm                             | 9 mm     | 2000 hr       | 4000 hr     | HID               |
| XENARC ORIGINAL D4R | ±16 %                   | 9 mm                             | 9 mm     | 2000 hr       | 3000 hr     | HID               |
| XENARC ORIGINAL D5S | +15 %; -10 %            | 9 mm                             | 9 mm     | 2500 hr       | 4000 hr     | HID               |
| XENARC ORIGINAL D8S | ±15 %                   | 9 mm                             | 9 mm     | 2500 hr       | 4000 hr     | HID               |

| Product description | Certificates & standards | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)                               |                            |                        |
|---------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------|
|                     | ECE category             | Primary article identifier                                                                                                                    | Candidate list substance 1 | CAS No. of substance 1 |
| XENARC ORIGINAL D1S | D1S <sup>2)</sup>        | 4008321584816   4062172078702   4052899600423   4062172078726   4008321184276   4008321184474   4062172396806   4062172078689   4062172078740 | Lead                       | 7439-92-1              |
| XENARC ORIGINAL D1R | D1R <sup>2)</sup>        | 4008321329318   4008321184498   4052899339828                                                                                                 | Lead                       | 7439-92-1              |

Product family datasheet

| Product description | Certificates<br>& standards | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006<br>(REACH)                                                    |                                       |                           |
|---------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|
|                     | ECE category                | Primary article<br>identifier                                                                                                                                         | Candidate list<br>substance 1         | CAS No. of substance<br>1 |
| XENARC ORIGINAL D2S | D2S <sup>2)</sup>           | 4008321192882  <br>4008321184573  <br>4008321192868  <br>4062172396745  <br>4008321202062  <br>4052899600447                                                          | No declarable<br>substances contained | 7439-92-1                 |
| XENARC ORIGINAL D2R | D2R <sup>2)</sup>           | 4008321192929  <br>4008321192905  <br>4008321184634                                                                                                                   | No declarable<br>substances contained | 7439-92-1                 |
| XENARC ORIGINAL D3S | D3S <sup>2)</sup>           | 4008321807649  <br>4052899199569  <br>4052899183650  <br>4062172084574  <br>4062172066754  <br>4008321735201  <br>4052899600485  <br>4062172396837  <br>4008321807663 | Lead                                  | 7439-92-1                 |
| XENARC ORIGINAL D3R | D3R <sup>2)</sup>           | 4008321129857                                                                                                                                                         | Lead                                  | 7439-92-1                 |
| XENARC ORIGINAL D4S | D4S <sup>2)</sup>           | 4008321620132  <br>4008321736765  <br>4008321406958  <br>4008321349392  <br>4052899600508  <br>4008321620118  <br>4052899258389  <br>4062172396776  <br>4008321620095 | No declarable<br>substances contained |                           |
| XENARC ORIGINAL D4R | D4R <sup>2)</sup>           | 4008321349576  <br>4008321736789                                                                                                                                      | No declarable<br>substances contained |                           |
| XENARC ORIGINAL D5S | D5S <sup>2)</sup>           | 4062172346771  <br>4052899600522  <br>4062172243483  <br>4062172305457                                                                                                | Lead                                  | 7439-92-1                 |
| XENARC ORIGINAL D8S | D8S <sup>2)</sup>           | 4062172081153  <br>4008321787019  <br>4052899254756  <br>4062172354103  <br>4062172081092                                                                             | Lead                                  | 7439-92-1                 |

Product family datasheet

| Product description | Safe use instruction                                                                               | Declaration no. in SCIP database                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XENARC ORIGINAL D1S | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 854dcb23-d268-491f-ab0f-a5869c6f8c90   31336244-710b-47dc-bdf3-6d8e2c776b82   a7f8360d-3aae-4fda-94ee-1571431ce2ad   9aaef5e5-deb6-4a3c-8e15-eaa63c9f017b   76b60f0a-2058-4902-a1ed-0486e0da9b7b   a9e37cbd-eb09-43c9-8f5e-6cc733f299b2   4c0fd8fc-8702-446b-9c40-bdc8ba72ff65   1fe48148-eada-4dcd-8441-4414d13a2b07   d77cbbd7-7150-4270-8d80-8d074bdf807b   fd46009f-7d87-458a-a042-02761bfcff85   e88095ba-ba24-47f9-a9e6-67cf6f88eeda |
| XENARC ORIGINAL D1R | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 33e2897b-c2cd-4c91-b5e4-834e11ec7de1   b5fd4437-2cb2-4153-be83-0e76f5be8e7e   9db2db3a-5cb5-42da-8d7a-a7310a40697a                                                                                                                                                                                                                                                                                                                         |
| XENARC ORIGINAL D2S |                                                                                                    | 0e318d81-415f-4380-b08c-c047e93aa3de                                                                                                                                                                                                                                                                                                                                                                                                       |
| XENARC ORIGINAL D2R |                                                                                                    | 4d51eabc-c5f6-4368-8195-1b8229a19c39                                                                                                                                                                                                                                                                                                                                                                                                       |

Product family datasheet

| Product description | Safe use instruction                                                                               | Declaration no. in SCIP database                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XENARC ORIGINAL D3S | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 5aef8baf-bb8d-4ec6-948c-e2f16206841e   61cedfc4-3556-4aaa-8669-7ecfed4d8666   af212de5-b2c7-404c-acbe-c2ccabb83891   4ba45c38-8f60-4555-8439-6505375ae44e   0a4d97a8-a9fd-4b6e-82eb-08e719745496   6ee45626-045c-415b-b12b-09cf7da79801   b5de96fe-db0e-4cfb-9cd6-b43b44e32863   376b0721-24ea-47fb-bfec-afe17d86ad60   6e275300-8ea9-4bd5-bf1a-aa729070f942   49060069-850f-4c78-a673-69f4a461d650   8b6f0291-a6c0-4867-8df0-c00e69eb2091 |
| XENARC ORIGINAL D3R | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 4ef0ac30-0502-45ba-a0b6-bbc2fe076085                                                                                                                                                                                                                                                                                                                                                                                                       |
| XENARC ORIGINAL D4S |                                                                                                    | No declarable substances contained                                                                                                                                                                                                                                                                                                                                                                                                         |
| XENARC ORIGINAL D4R |                                                                                                    | No declarable substances contained                                                                                                                                                                                                                                                                                                                                                                                                         |
| XENARC ORIGINAL D5S | The identification of the Candidate List substance is sufficient to allow safe use of the article. | bcc5f4fd-71d7-4c7c-95ea-52ac3cd5a270   44921b8e-9632-4f08-b55e-d4e5bcf32d9f   fe4e3ad5-b5ec-4b62-8d27-e4149a4ab5e1   6180150b-0139-4b53-b07e-bf4644881a3b   a380edd5-5631-46c9-93c1-28fba9c9dd75                                                                                                                                                                                                                                           |

Product family datasheet

| Product description | Safe use instruction                                                                               | Declaration no. in SCIP database                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XENARC ORIGINAL D8S | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 4e12b30c-fca7-4555-9b48-d927cfeecea5   5514d2f4-519f-4db5-a8c1-cb1d19d694c1   aeade777-d7aa-4866-b136-5177a71cc26a   7f536438-e7cf-48ad-9756-27575fbc659b   7ff303c4-87b9-4455-ae7a-6cb1e5924d63   ef6fdca1-7f70-4231-892c-d0bfefe56436 |

1) High-intensity discharge lamp  
2) To be operated only with approved electronic control gear

Download Data

| File                                                                                |                                                                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|    | User instruction<br>GPRS_Safety symbols instructions                                                      |
|    | ref_pim_amsmp_product360degreeimages<br>XENARC ORIGINAL D1S 66140                                         |
|    | ref_pim_amsmp_product360degreeimages<br>XENARC ORIGINAL D2S 66240                                         |
|    | ref_pim_amsmp_product360degreeimages<br>XENARC ORIGINAL D2R 66250                                         |
|    | ref_pim_amsmp_product360degreeimages<br>XENARC ORIGINAL D3S 66340                                         |
|    | ref_pim_amsmp_product360degreeimages<br>XENARC ORIGINAL D3R 66350                                         |
|    | ref_pim_amsmp_product360degreeimages<br>XENARC ORIGINAL D4S 66440                                         |
|    | ref_pim_amsmp_product360degreeimages<br>XENARC ORIGINAL D4R 66450                                         |
|  | ref_pim_amsmp_product360degreeimages<br>XENARC ORIGINAL D8S 66548 / XENARC COOL BLUE INTENSE D8S 66548CBN |

Safety advice

XENARC lamp change is recommended to be carried out by a professional.

References / Links

Guarantee terms are available at [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

