

# 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 vehicles 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 truck lamps 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 |                 |                 |                       |              | Photometrical data       |                         |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------------|--------------|--------------------------|-------------------------|
|                                   | Power input     | Nominal voltage | Nominal wattage | Power input tolerance | Test voltage | Luminous flux            | Luminous flux tolerance |
| XENARC ORIGINAL D1S <sup>1)</sup> | 35 W            | 85.0 V          | 35.00 W         | ±3 %                  | 13.5 V       | 3200 lm                  | ±15 %                   |
| XENARC ORIGINAL D1R <sup>2)</sup> | 35 W            | 85.0 V          | 35.00 W         | ±3 %                  | 13.5 V       | 2800 lm                  | ±16 %                   |
| XENARC ORIGINAL D2S <sup>1)</sup> | 35 W            | 85.0 V          | 35.00 W         | ±3 %                  | 13.5 V       | 3200 lm                  | ±15 %                   |
| XENARC ORIGINAL D2R <sup>2)</sup> | 35 W            | 85.0 V          | 35.00 W         | ±3 %                  | 13.5 V       | 2800 lm                  | ±16 %                   |
| XENARC ORIGINAL D3S <sup>1)</sup> | 35 W            | 42.0 V          | 35.00 W         | ±3 %                  | 13.5 V       | 3200 lm                  | ±15 %                   |
| XENARC ORIGINAL D3R <sup>2)</sup> | 35 W            | 42.0 V          | 35.00 W         | ±3 %                  | 13.5 V       | 2800 lm                  | ±16 %                   |
| XENARC ORIGINAL D4S <sup>1)</sup> | 35 W            | 42.0 V          | 35.00 W         | ±3 %                  | 13.5 V       | 3200 lm<br><sup>5)</sup> | ±15 %                   |
| XENARC ORIGINAL D4R <sup>2)</sup> | 35 W            | 42.0 V          | 35.00 W         | ±3 %                  | 13.5 V       | 2800 lm                  | ±16 %                   |
| XENARC ORIGINAL D8S <sup>1)</sup> | 25 W            | 40.0 V          | 25.00 W         | ±15 %                 | 13.5 V       | 2000 lm                  | ±15 %                   |

| Product description               | Dimensions & weight |          | Lifespan    |             | Additional product data     | Capabilities      | Certificates & standards |
|-----------------------------------|---------------------|----------|-------------|-------------|-----------------------------|-------------------|--------------------------|
|                                   | Length              | Diameter | Lifespan B3 | Lifespan Tc | Base (standard designation) | Technology        | ECE category             |
| XENARC ORIGINAL D1S <sup>1)</sup> | 83.2 mm             | 9 mm     | 2000 h      | 3000 h      | PK32d-2                     | HID <sup>3)</sup> | D1S <sup>4)</sup>        |
| XENARC ORIGINAL D1R <sup>2)</sup> | 83.2 mm             | 9 mm     | 2000 h      | 3000 h      | PK32d-3                     | HID <sup>3)</sup> | D1R <sup>4)</sup>        |
| XENARC ORIGINAL D2S <sup>1)</sup> | 77.3 mm             | 9 mm     | 2000 h      | 3000 h      | P32d-2                      | HID               | D2S <sup>4)</sup>        |
| XENARC ORIGINAL D2R <sup>2)</sup> | 77.3 mm             | 9 mm     | 2000 h      | 3000 h      | P32d-3                      | HID               | D2R <sup>4)</sup>        |
| XENARC ORIGINAL D3S <sup>1)</sup> | 83.2 mm             | 9 mm     | 2000 h      | 4000 h      | PK32d-5                     | HID               | D3S <sup>4)</sup>        |
| XENARC ORIGINAL D3R <sup>2)</sup> | 83.2 mm             | 9 mm     | 1500 h      | 2500 h      | PK32d-6                     | HID               | D3R <sup>4)</sup>        |
| XENARC ORIGINAL D4S <sup>1)</sup> | 77.3 mm             | 9 mm     | 2000 h      | 4000 h      | P32d-5                      | HID               | D4S <sup>4)</sup>        |
| XENARC ORIGINAL D4R <sup>2)</sup> | 77.3 mm             | 9 mm     | 2000 h      | 3000 h      | P32d-6                      | HID               | D4R <sup>4)</sup>        |
| XENARC ORIGINAL D8S <sup>1)</sup> | 83.2 mm             | 9 mm     | 2500 h      | 4000 h      | PK32d-1                     | HID               | D8S <sup>4)</sup>        |

| Product description               | Environmental information   |   |                            |                        |
|-----------------------------------|---|---|----------------------------|------------------------|
|                                   | Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |   |                            |                        |
| Product description               | Date of Declaration   | Primary Article Identifier  | Candidate List Substance 1 | CAS No. of substance 1 |
| XENARC ORIGINAL D1S <sup>1)</sup> | 21-06-2024  | 4008321184450  <br>4008321184276  <br>4008321184474  <br>4008321184252  <br>4008321329295  <br>4008321584816  <br>4052899036574  <br>4052899600423  <br>4062172078740  <br>4062172078726  <br>4062172078702  <br>4062172078689  <br>4062172396806 | Lead                       | 7439-92-1              |

## Product family datasheet

| Product description               | Environmental information   |  |  |                        |
|-----------------------------------|---|--|--|------------------------|
|                                   | Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |  |  |                        |
|                                   | Date of Declaration   | Primary Article Identifier   | Candidate List Substance 1             | CAS No. of substance 1 |
| XENARC ORIGINAL D1R <sup>2)</sup> | 06-03-2024  | 4008321184498  <br>4008321184511  <br>4008321329318  <br>4052899339828   | Lead                                   | 7439-92-1              |
| XENARC ORIGINAL D2S <sup>1)</sup> | 06-03-2024  | 4008321202062  <br>4008321192882  <br>4008321192868  <br>4008321184573  <br>4052899600447  <br>4062172396745   | No declarable substances containedLead | 7439-92-1              |
| XENARC ORIGINAL D2R <sup>2)</sup> | 06-03-2024  | 4008321192905  <br>4008321192929  <br>4008321184634  | No declarable substances containedLead | 7439-92-1              |
| XENARC ORIGINAL D3S <sup>1)</sup> | 05-03-2024  | 4008321379627  <br>4008321735201  <br>4008321807649  <br>4008321807663  <br>4052899146365  <br>4052899183650  <br>4052899199569  <br>4052899600485  <br>4062172066754  <br>4062172084574  <br>4062172396837  | leadLead                               | 7439-92-1              |
| XENARC ORIGINAL D3R <sup>2)</sup> | 06-03-2024  | 4008321129857  <br>4008321379726  <br>4008321735225  | Lead                                   | 7439-92-1              |
| XENARC ORIGINAL D4S <sup>1)</sup> | 05-03-2024  | 4008321349392  <br>4008321571854  <br>4008321620132  <br>4008321620118  <br>4008321620095  <br>4008321736765  <br>4052899141193  <br>4052899258389  <br>4052899600508  <br>4062172061711  <br>4062172061681  <br>4008321406958  <br>4008321735249  <br>4062172396776 | No declarable substances contained     |                        |
| XENARC ORIGINAL D4R <sup>2)</sup> | 05-03-2024  | 4008321349576  <br>4008321736789  <br>4008321735263  | No declarable substances contained     |                        |
| XENARC ORIGINAL D8S <sup>1)</sup> | 05-03-2024  | 4008321694041  <br>4008321787019  <br>4052899254756  <br>4062172081153  <br>4062172081092  <br>4062172354103   | Lead                                   | 7439-92-1              |

## Product family datasheet

| Product description               | Safe Use Instruction   | Declaration No. in SCIP database  |
|-----------------------------------|--|---|
| XENARC ORIGINAL D1S <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | e5f667df-3f2b-486e-86db-e76bb778ba5a   d77cbbd7-7150-4270-8d80-8d074bdf807b   4a147db5-14f7-463f-899f-bee85333f0b0   31336244-710b-47dc-bdf3-6d8e2c776b82   60477ddf-db67-4cc2-bd70-dfcdac6fb90d   a9e37cbd-eb09-43c9-8f5e-6cc733f299b2   055423ab-fc23-4399-9fa1-c773a2e18475   9aaef5e5-deb6-4a3c-8e15-aaa63c9f017b   a7f8360d-3aae-4fda-94ee-1571431ce2ad   fd46009f-7d87-458a-a042-02761bfcff85   76b60f0a-2058-4902-a1ed-0486e0da9b7b   e88095ba-ba24-47f9-a9e6-67cf6f88eeda |
| XENARC ORIGINAL D1R <sup>2)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 33e2897b-c2cd-4c91-b5e4-834e11ec7de1   4e516797-e957-4571-a42d-4cff717aeed6   b5fd4437-2cb2-4153-be83-0e76f5be8e7e   9db2db3a-5cb5-42da-8d7a-a7310a40697a   |
| XENARC ORIGINAL D2S <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 0e318d81-415f-4380-b08c-c047e93aa3de  |
| XENARC ORIGINAL D2R <sup>2)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 4d51eabc-c5f6-4368-8195-1b8229a19c39  |

## Product family datasheet

| Product description               | Safe Use Instruction   | Declaration No. in SCIP database   |
|-----------------------------------|--|--|
| XENARC ORIGINAL D3S <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 6ee45626-045c-415b-b12b-09cf7da79801   af212de5-b2c7-404c-acbe-c2ccabb83891   4ba45c38-8f60-4555-8439-6505375ae44e   f38b470a-745a-439d-9286-890bc1f75779   8b6f0291-a6c0-4867-8df0-c00e69eb2091   6e275300-8ea9-4bd5-bf1a-aa729070f942   b5de96fe-db0e-4cfb-9cd6-b43b44e32863   0a4d97a8-a9fd-4b6e-82eb-08e719745496   49060069-850f-4c78-a673-69f4a461d650 |
| XENARC ORIGINAL D3R <sup>2)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 4ef0ac30-0502-45ba-a0b6-bbc2fe076085   f3a0c0f4-7b2d-4403-93fe-e8878462658e  |
| XENARC ORIGINAL D4S <sup>1)</sup> |  | In work  |
| XENARC ORIGINAL D4R <sup>2)</sup> |  | In work  |
| XENARC ORIGINAL D8S <sup>1)</sup> | The identification of the Candidate List substance is sufficient to allow safe use of the article. | a55b9f27-7ed9-4484-a285-3e8fc26578eb   4e12b30c-fca7-4555-9b48-d927cfecae5   5514d2f4-519f-4db5-a8c1-cb1d19d694c1   aeade777-d7aa-4866-b136-5177a71cc26a   7f536438-e7cf-48ad-9756-27575fbc659b  |

<sup>1)</sup> Reduced UV emission/For projection headlights/ECE approval and DOT label

<sup>2)</sup> Reduced UV emission/With anti-glare strip for reflection headlights/ECE approval and DOT label









<sup>3)</sup> High-intensity discharge lamp

<sup>4)</sup> To be operated only with approved electronic control gear

<sup>5)</sup> ±450 lm

## Product family datasheet

### Download Data

| File  |   |
|---|---|
|  | 360 Degree Image<br>XENARC NIGHT BREAKER 220 D1S 66140XN2                           |
|  | 360 Degree Image<br>XENARC ORIGINAL D2S 66240                                       |
|  | 360 Degree Image<br>XENARC ORIGINAL D2R 66250                                       |
|  | 360 Degree Image<br>XENARC ORIGINAL D3S 66340                                       |
|  | 360 Degree Image<br>XENARC ORIGINAL D3R 66350                                       |
|  | 360 Degree Image<br>XENARC ORIGINAL D4S 66440                                       |
|  | 360 Degree Image<br>XENARC ORIGINAL D4R 66450                                       |
|  | 360 Degree Image<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.

#### 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.

