

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 ¹⁾ | 35 W | 85.0 V | 35.00 W | ±3 % | 13.5 V | 3200 lm | ±15 % |
| XENARC ORIGINAL D1R ²⁾ | 35 W | 85.0 V | 35.00 W | ±3 % | 13.5 V | 2800 lm | ±16 % |
| XENARC ORIGINAL D2S ¹⁾ | 35 W | 85.0 V | 35.00 W | ±3 % | 13.5 V | 3200 lm | ±15 % |
| XENARC ORIGINAL D2R ²⁾ | 35 W | 85.0 V | 35.00 W | ±3 % | 13.5 V | 2800 lm | ±16 % |
| XENARC ORIGINAL D3S ¹⁾ | 35 W | 42.0 V | 35.00 W | ±3 % | 13.5 V | 3200 lm | ±15 % |
| XENARC ORIGINAL D3R ²⁾ | 35 W | 42.0 V | 35.00 W | ±3 % | 13.5 V | 2800 lm | ±16 % |
| XENARC ORIGINAL D4S ¹⁾ | 35 W | 42.0 V | 35.00 W | ±3 % | 13.5 V | 3200 lm ⁵⁾ | ±15 % |
| XENARC ORIGINAL D4R ²⁾ | 35 W | 42.0 V | 35.00 W | ±3 % | 13.5 V | 2800 lm | ±16 % |
| XENARC ORIGINAL D8S ¹⁾ | 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 ¹⁾ | 83.2 mm | 9 mm | 2000 h | 3000 h | PK32d-2 | HID ³⁾ | D1S ⁴⁾ |
| XENARC ORIGINAL D1R ²⁾ | 83.2 mm | 9 mm | 2000 h | 3000 h | PK32d-3 | HID ³⁾ | D1R ⁴⁾ |
| XENARC ORIGINAL D2S ¹⁾ | 77.3 mm | 9 mm | 2000 h | 3000 h | P32d-2 | HID | D2S ⁴⁾ |
| XENARC ORIGINAL D2R ²⁾ | 77.3 mm | 9 mm | 2000 h | 3000 h | P32d-3 | HID | D2R ⁴⁾ |
| XENARC ORIGINAL D3S ¹⁾ | 83.2 mm | 9 mm | 2000 h | 4000 h | PK32d-5 | HID | D3S ⁴⁾ |
| XENARC ORIGINAL D3R ²⁾ | 83.2 mm | 9 mm | 1500 h | 2500 h | PK32d-6 | HID | D3R ⁴⁾ |
| XENARC ORIGINAL D4S ¹⁾ | 77.3 mm | 9 mm | 2000 h | 4000 h | P32d-5 | HID | D4S ⁴⁾ |
| XENARC ORIGINAL D4R ²⁾ | 77.3 mm | 9 mm | 2000 h | 3000 h | P32d-6 | HID | D4R ⁴⁾ |
| XENARC ORIGINAL D8S ¹⁾ | 83.2 mm | 9 mm | 2500 h | 4000 h | PK32d-1 | HID | D8S ⁴⁾ |

| 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 ¹⁾ | 14-06-2024 | 4008321184276 4008321184474 4062172078689 4008321184252 4062172078726 4062172078740 4062172396806 4008321584816 4062172078702 4008321329295 4052899600423 4008321184450 4052899036574 | 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 ²⁾ | 06-03-2024 | 4008321184498 4008321184511 4008321329318 4052899339828 | Lead | 7439-92-1 |
| XENARC ORIGINAL D2S ¹⁾ | 06-03-2024 | 4008321202062 4008321192882 4008321192868 4008321184573 4052899600447 4062172396745 | No declarable substances containedLead | 7439-92-1 |
| XENARC ORIGINAL D2R ²⁾ | 06-03-2024 | 4008321192905 4008321192929 4008321184634 | No declarable substances containedLead | 7439-92-1 |
| XENARC ORIGINAL D3S ¹⁾ | 05-03-2024 | 4008321379627 4008321735201 4008321807649 4008321807663 4052899146365 4052899183650 4052899199569 4052899600485 4062172066754 4062172084574 4062172396837 | leadLead | 7439-92-1 |
| XENARC ORIGINAL D3R ²⁾ | 06-03-2024 | 4008321129857 4008321379726 4008321735225 | Lead | 7439-92-1 |
| XENARC ORIGINAL D4S ¹⁾ | 05-03-2024 | 4008321349392 4008321571854 4008321620132 4008321620118 4008321620095 4008321736765 4052899141193 4052899258389 4052899600508 4062172061711 4062172061681 4008321406958 4008321735249 4062172396776 | No declarable substances contained | |
| XENARC ORIGINAL D4R ²⁾ | 05-03-2024 | 4008321349576 4008321736789 4008321735263 | No declarable substances contained | |
| XENARC ORIGINAL D8S ¹⁾ | 05-03-2024 | 4008321694041 4008321787019 4052899254756 4062172081153 4062172081092 4062172354103 | Lead | 7439-92-1 |

Product family datasheet

| Product description | Safe Use Instruction | Declaration No. in SCIP database |
|-----------------------------------|--|---|
| XENARC ORIGINAL D1S ¹⁾ | 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 ²⁾ | 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 ¹⁾ | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 0e318d81-415f-4380-b08c-c047e93aa3de |
| XENARC ORIGINAL D2R ²⁾ | 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 ¹⁾ | 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 ²⁾ | 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 ¹⁾ | | In work |
| XENARC ORIGINAL D4R ²⁾ | | In work |
| XENARC ORIGINAL D8S ¹⁾ | 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-d927cfeccea5 5514d2f4-519f-4db5-a8c1-cb1d19d694c1 aeade777-d7aa-4866-b136-5177a71cc26a 7f536438-e7cf-48ad-9756-27575fbc659b |

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⁾ High-intensity discharge lamp

⁴⁾ To be operated only with approved electronic control gear

⁵⁾ ±450 lm

Product family datasheet

Download Data

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

