

# XENARC NIGHT BREAKER LASER (NEXT GEN)

Brightest OSRAM xenon light



Up to 220% more brightness<sup>1), 2)</sup>

More light allows to see farther and therefore react sooner compared to the minimum legal standard



Up to 250 m long beam

For better visibility



Up to 20% whiter light<sup>1)</sup>

More modern look compared to the minimum legal standard



For more customer satisfaction

3 year guarantee, refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee) for precise conditions

## Product family datasheet



### The most powerful xenon light from OSRAM

XENARC NIGHT BREAKER LASER is the brightest OSRAM xenon light. This powerful lamp with efficient xenon technology ensures a better visibility on the road: up to 220% more brightness compared to the minimum legal standard. More light allows to see further and therefore react sooner. Added to this is the up to 250 meter long beam and up to 20% whiter light for more modern look (compared to the minimum legal standard). Discover the pure performance of XENARC NIGHT BREAKER LASER - the most powerful xenon light from OSRAM, available in D1S, D2S, D3S and D4S. Please note: XENARC lamp change is recommended to be carried out by a professional and in pairs.

1) Compared to minimum ECE R98/R99 requirements

2) D3S, D4S

## Product family datasheet

### Technical data

| Product description            | Product information                             |                        | Electrical Data |                 |                 |
|--------------------------------|---|------------------------|-----------------|-----------------|-----------------|
|                                | Product legal advice 1                          | Product legal advice 2 | Power input     | Nominal voltage | Nominal wattage |
| XENARC NIGHT BREAKER LASER D1S | 1) Compared to minimum ECE R98/R99 requirements | 2) D3S, D4S            | 35 W            | 85.0 V          | 35 W            |
| XENARC NIGHT BREAKER LASER D2S | 1) Compared to minimum ECE R98/R99 requirements | 2) D3S, D4S            | 35 W            | 85.0 V          | 35 W            |
| XENARC NIGHT BREAKER LASER D3S | 1) Compared to minimum ECE R98/R99 requirements | 2) D3S, D4S            | 35 W            | 42.0 V          | 35 W            |
| XENARC NIGHT BREAKER LASER D4S | 1) Compared to minimum ECE R98/R99 requirements | 2) D3S, D4S            | 35 W            | 42.0 V          | 35 W            |

| Product description            | Test voltage | Photometric Data      |                         | Physical Attributes & Dimensions | Lifetime Data |
|--------------------------------|--------------|-----------------------|-------------------------|----------------------------------|---------------|
|                                |              | Nominal luminous flux | Luminous flux tolerance | Diameter                         | Lifespan B3   |
| XENARC NIGHT BREAKER LASER D1S | 13.5 V       | 3200 lm               | ±15 %                   | 9 mm                             | 1500 hr       |
| XENARC NIGHT BREAKER LASER D2S | 13.5 V       | 3200 lm               | ±15 %                   | 9 mm                             | 1500 hr       |
| XENARC NIGHT BREAKER LASER D3S | 13.5 V       | 3200 lm               | ±15 %                   | 9 mm                             | 2000 hr       |
| XENARC NIGHT BREAKER LASER D4S | 13.5 V       | 3200 lm               | ±15 %                   | 9 mm                             | 2000 hr       |

| Product description            | Lifespan Tc | Capabilities      | Certificates & standards | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                            |
|--------------------------------|-------------|-------------------|--------------------------|---|----------------------------|
|                                |             | Technology        | ECE category             | Primary article identifier  | Candidate list substance 1 |
| XENARC NIGHT BREAKER LASER D1S | 3000 hr     | HID <sup>1)</sup> | D1S <sup>2)</sup>        | 4052899631281  <br>4052899631328  | Lead                       |
| XENARC NIGHT BREAKER LASER D2S | 3000 hr     | HID <sup>1)</sup> | D2S <sup>2)</sup>        | 4052899631335  <br>4052899631298  |                            |
| XENARC NIGHT BREAKER LASER D3S | 3000 hr     | HID <sup>1)</sup> | D3S <sup>2)</sup>        | 4052899631304  <br>4052899631342  | Lead                       |
| XENARC NIGHT BREAKER LASER D4S | 3000 hr     | HID <sup>1)</sup> | D4S <sup>2)</sup>        | 4052899631359  <br>4052899631311  |                            |

## Product family datasheet

| Product description            | CAS No. of substance<br>1 | Safe use instruction   | Declaration no. in<br>SCIP database   |
|--------------------------------|---------------------------|--|---|
| XENARC NIGHT BREAKER LASER D1S | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | f9fc0b07-7087-4e25-a7ef-77b6e8bb2edf   9da45edb-63b2-40c9-8e2c-ce0b1cac5d3e |
| XENARC NIGHT BREAKER LASER D2S |                           |  | In work   |
| XENARC NIGHT BREAKER LASER D3S | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 7b006bfa-f96b-4234-ab2e-90ab378253ee   f76d3733-e4bf-4fff-9a89-822c1a3f156d |
| XENARC NIGHT BREAKER LASER D4S |                           |  | In work   |



1) High-intensity discharge lamp

2) To be operated only with approved electronic control gear

## Product family datasheet

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### Download Data

| File  |   |
|---|---|
|  | User instruction<br>GPRS_Safety symbols instructions                                |
|  | Movie application<br>Installation Video Xenarc Night Breaker Laser Opel Zafira (EN) |

#### Safety advice

XENARC lamps should be replaced by a qualified mechanic. This product must only be operated with approved electronic control gear.

#### Legal advice

Light output compared to the minimum ECE R98/99 requirements This product must only be operated with approved electronic control gear XENARC lamps should be replaced by a qualified mechanic Reduced UV emission | For projection headlights | ECE approval and DOT label ≠ 450 lm

#### 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.