

# XENARC NIGHT BREAKER 220



**Up to 220% more brightness<sup>1)1)</sup>  
Compared to minimum ECE R98R99.  
requirements.**

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)1)</sup> Compared to  
minimum ECE R98R99 requirements.**

More modern look compared to the minimum legal standard



### The most powerful xenon light from OSRAM

XENARC NIGHT BREAKER 220 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 220 - 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.

# Product family datasheet

## Technical data

| Product description                        | Electrical Data |                 |                 |              | Photometric Data      |
|--|-----------------|-----------------|-----------------|--------------|-----------------------|
|  | Power input     | Nominal voltage | Nominal wattage | Test voltage | Nominal luminous flux |
| XENARC NIGHT BREAKER 220 D1S <sup>1)</sup> | 35 W            | 85.0 V          | 35 W            | 13.5 V       | 3200 lm               |
| XENARC NIGHT BREAKER 220 D2S <sup>1)</sup> | 35 W            | 85.0 V          | 35 W            | 13.5 V       | 3200 lm               |
| XENARC NIGHT BREAKER 220 D3S <sup>1)</sup> | 35 W            | 42.0 V          | 35 W            | 13.5 V       | 3200 lm               |
| XENARC NIGHT BREAKER 220 D4S <sup>1)</sup> | 35 W            | 42.0 V          | 35 W            | 13.5 V       | 3200 lm               |

| Product description                        | Luminous flux tolerance | Physical Attributes & Dimensions | Lifetime Data |             | Capabilities      | Certificates & standards |
|--|-------------------------|----------------------------------|---------------|-------------|-------------------|--------------------------|
|  |                         | Diameter                         | Lifespan B3   | Lifespan Tc | Technology        | ECE category             |
| XENARC NIGHT BREAKER 220 D1S <sup>1)</sup> | ±15 %                   | 9 mm                             | 1500 hr       | 3000 hr     | HID <sup>2)</sup> | D1S <sup>3)</sup>        |
| XENARC NIGHT BREAKER 220 D2S <sup>1)</sup> | ±15 %                   | 9 mm                             | 1500 hr       | 3000 hr     | HID <sup>2)</sup> | D2S <sup>3)</sup>        |
| XENARC NIGHT BREAKER 220 D3S <sup>1)</sup> | ±15 %                   | 9 mm                             | 2000 hr       | 3000 hr     | HID <sup>2)</sup> | D3S <sup>3)</sup>        |
| XENARC NIGHT BREAKER 220 D4S <sup>1)</sup> | ±15 %                   | 9 mm                             | 2000 hr       | 3000 hr     | HID <sup>2)</sup> | D4S <sup>3)</sup>        |

| Product description                        | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                               |                                  |
|--|---|-------------------------------|----------------------------------|
|  | Date of declaration   | Primary article identifier    | Declaration no. in SCIP database |
| XENARC NIGHT BREAKER 220 D1S <sup>1)</sup> | 05-08-2024  | 4062172398619   4062172397735 | In work                          |
| XENARC NIGHT BREAKER 220 D2S <sup>1)</sup> | 05-08-2024  | 4062172398640   4062172397766 | In work                          |
| XENARC NIGHT BREAKER 220 D3S <sup>1)</sup> | 05-08-2024  | 4062172398671   4062172397797 | In work                          |
| XENARC NIGHT BREAKER 220 D4S <sup>1)</sup> | 05-08-2024  | 4062172398701   4062172397827 | In work                          |

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

<sup>2)</sup> High-intensity discharge lamp

<sup>3)</sup> To be operated only with approved electronic control gear

## Product family datasheet

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### Download Data

| File  |  |
|---|--|
|  | ref_pim_amsproduct360degreeimages<br>XENARC ORIGINAL D1S 66140         |
|  | ref_pim_amsproduct360degreeimages<br>XENARC NIGHT BREAKER D2S 66240XNB |
|  | ref_pim_amsproduct360degreeimages<br>XENARC NIGHT BREAKER D3S 66340XNB |
|  | ref_pim_amsproduct360degreeimages<br>XENARC NIGHT BREAKER D4S 66440XNB |

#### 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 R112/R37 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.