

# XENARC NIGHT BREAKER 220 D2S



**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.

Technical data

Product information

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Product legal advice 1 | 1) Compared to minimum ECE R98/R99 requirements |
|------------------------|-------------------------------------------------|

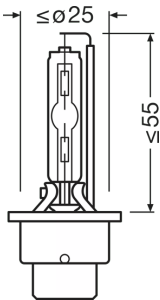
Electrical data

|                       |         |
|-----------------------|---------|
| Power input           | 35 W    |
| Nominal voltage       | 85.0 V  |
| Nominal wattage       | 35.00 W |
| Test voltage          | 13.5 V  |
| Power input tolerance | ±3 %    |

Photometrical data

|                         |         |
|-------------------------|---------|
| Luminous flux           | 3200 lm |
| Luminous flux tolerance | ±15 %   |
| Color temperature       | 4500 K  |

Dimensions & weight



|                |         |
|----------------|---------|
| Diameter       | 9 mm    |
| Product weight | 16.10 g |
| Length         | 77.3 mm |

Lifespan

|             |        |
|-------------|--------|
| Lifespan B3 | 1500 h |
| Lifespan Tc | 3000 h |

Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | P32d-2 |
|-----------------------------|--------|

Product datasheet

Capabilities

|            |                   |
|------------|-------------------|
| Technology | HID <sup>1)</sup> |
|------------|-------------------|

<sup>1)</sup> High-intensity discharge lamp

Certificates & standards

|              |                   |
|--------------|-------------------|
| ECE category | D2S <sup>1)</sup> |
|--------------|-------------------|

<sup>1)</sup> To be operated only with approved electronic control gear

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                               |
|-----------------------------------------------------------------------|-------------------------------|
| Date of Declaration                                                   | 07-05-2024                    |
| Primary Article Identifier                                            | 4062172397766   4062172398640 |
| Declaration No. in SCIP database                                      | In work                       |

Logistical Data

| Product code  | Product description             | Packaging unit<br>(Pieces/Unit) | Dimensions (length<br>x width x height) | Volume                | Gross weight |
|---------------|---------------------------------|---------------------------------|-----------------------------------------|-----------------------|--------------|
| 4062172397766 | XENARC NIGHT<br>BREAKER 220 D2S | HFB<br>2                        | 100 mm x 51 mm x<br>120 mm              | 0.61 dm <sup>3</sup>  | 62.00 g      |
| 4062172397773 | XENARC NIGHT<br>BREAKER 220 D2S | Shipping carton box<br>4        | 113 mm x 111 mm x<br>134 mm             | 1.68 dm <sup>3</sup>  | 166.00 g     |
| 4062172397780 | XENARC NIGHT<br>BREAKER 220 D2S | Shipping carton box<br>48       | 350 mm x 236 mm x<br>282 mm             | 23.29 dm <sup>3</sup> | 2222.00 g    |
| 4062172398640 | XENARC NIGHT<br>BREAKER 220 D2S | Folding carton box<br>1         | 53 mm x 46 mm x<br>93 mm                | 0.23 dm <sup>3</sup>  | 36.00 g      |
| 4062172398657 | XENARC NIGHT<br>BREAKER 220 D2S | Shipping carton box<br>4        | 115 mm x 101 mm x<br>103 mm             | 1.20 dm <sup>3</sup>  | 176.00 g     |
| 4062172398664 | XENARC NIGHT<br>BREAKER 220 D2S | Shipping carton box<br>48       | 371 mm x 256 mm x<br>232 mm             | 22.03 dm <sup>3</sup> | 2366.00 g    |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Download Data

| File                                                                                |                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | 360 Degree Image<br>XENARC NIGHT BREAKER 220 D2S 66140XN2 |

## Product datasheet

### 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.

The OSRAM logo is displayed in a bold, orange, sans-serif typeface.