

XENARC NIGHT BREAKER LASER D3S

Brightest OSRAM xenon light



Up to 200% more brightness

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

Close to laser look compared to the minimum legal standard



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 200% more brightness compared to the minimum legal standard. More light allows to see farther and therefore react sooner. Added to this is the up to 250 meter long beam and up to 20% whiter light, close to laser 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.

Technical data

Electrical data

| | |
|-----------------------|---------|
| Power input | 35 W |
| Nominal voltage | 42.0 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 | 4400 K |

Dimensions & weight



| | |
|----------------|---------|
| Diameter | 9 mm |
| Product weight | 60.20 g |
| Length | 83.2 mm |

Lifespan

| | |
|-------------|--------|
| Lifespan B3 | 2000 h |
| Lifespan Tc | 3000 h |

Additional product data

| | |
|-----------------------------|---------|
| Base (standard designation) | PK32d-5 |
|-----------------------------|---------|

Capabilities

| | |
|------------|-----|
| Technology | HID |
|------------|-----|

Certificates & standards

| | |
|---------------------------|-------------------|
| ECE category | D3S ¹⁾ |
| Approval marks – approval | E1 approval |

¹⁾ 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 | 06-03-2024 |
| Primary Article Identifier | 4052899993150 4052899993136 4052899993112 4052899993099 4052899992979 |
| Candidate List Substance 1 | Lead |
| CAS No. of substance 1 | 7439-92-1 |
| Safe Use Instruction | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database | 83497fdb-f0d9-456b-bd77-0d812a8e2775 cfe441c2-c423-4f33-a5b0-b2a8b7592c15 d751e109-de28-4acf-9d59-e29beb418a68 |

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|--------------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4052899992979 | XENARC NIGHT BREAKER LASER D3S | Folding carton box 1 | 53 mm x 46 mm x 93 mm | 0.23 dm ³ | 83.00 g |
| 4052899992986 | XENARC NIGHT BREAKER LASER D3S | Shipping carton box 4 | 115 mm x 101 mm x 103 mm | 1.20 dm ³ | 346.00 g |
| 4052899582491 | XENARC NIGHT BREAKER LASER D3S | Shipping carton box 48 | 371 mm x 256 mm x 232 mm | 22.03 dm ³ | 4533.00 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.

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

Product datasheet

± 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.



OSRAM