Product datasheet

XENARC NIGHT BREAKER LASER D1S

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 further 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.

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Technical data

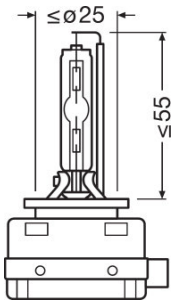
Electrical data

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	59.00 g
Length	83.2 mm

Lifespan

Lifespan B3	1500 h
Lifespan Tc	3000 h

Additional product data

Base (standard designation)	PK32d-2

Capabilities

Technology	HID

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Certificates & standards

ECE category	D1S [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	4052899993075 | 4052899993051 | 4052899993037 | 4052899993013 | 4052899992870
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	ccb03c4a-a29c-4abe-920d-8f9616541d50 | 99f64b8f-b549-4139-9e34-d3907343674d | | 281f73d6-719d-4570-a537-1f78ed0a9f77

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899992870	XENARC NIGHT BREAKER LASER D1S	Folding carton box 1	53 mm x 46 mm x 93 mm	0.23 dm^3	81.00 g
4052899992887	XENARC NIGHT BREAKER LASER D1S	Shipping carton box 4	115 mm x 101 mm x 103 mm	1.20 dm^3	348.00 g
4052899582477	XENARC NIGHT BREAKER LASER D1S	Shipping carton box 48	371 mm x 256 mm x 232 mm	22.03 dm^3	4423.00 g
4052899993013	XENARC NIGHT BREAKER LASER D1S	Hard Cover Box 2	114 mm x 49 mm x 106 mm	0.58 dm^3	212.00 g
4052899993020	XENARC NIGHT BREAKER LASER D1S	Shipping carton box 10	257 mm x 129 mm x 121 mm	4.01 dm^3	1147.00 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

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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.



OSRAM

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