Product family datasheet

XENARC NIGHT BREAKER LASER

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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Product family datasheet

Technical data

	Electrical data				Photometrical data		Dimensions & weight
Product description	**Power input**	**Nominal voltage**	**Nominal wattage**	**Test voltage**	**Luminous flux**	**Luminous flux tolerance**	**Diameter**
XENARC NIGHT BREAKER LASER D1S [1)]	35 W	85.0 V	35.00 W	13.5 V	3200 lm	±15 %	9 mm
XENARC NIGHT BREAKER LASER D3S [1)]	35 W	42.0 V	35.00 W	13.5 V	3200 lm	±15 %	9 mm
XENARC NIGHT BREAKER LASER D4S [1)]	35 W	42.0 V	35.00 W	13.5 V	3200 lm	±15 %	9 mm

	Lifespan		Capabilities	Certificates & standards	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	**Lifespan B3**	**Lifespan Tc**	**Technology**	**ECE category**	**Date of Declaration**	**Primary Article Identifier**
XENARC NIGHT BREAKER LASER D1S [1)]	1500 h	3000 h	HID	D1S [2)]	06-03-2024	4052899993075 | 4052899993051 | 4052899993037 | 4052899993013 | 4052899992870
XENARC NIGHT BREAKER LASER D3S [1)]	2000 h	3000 h	HID	D3S [2)]	06-03-2024	4052899993150 | 4052899993136 | 4052899993112 | 4052899993099 | 4052899992979
XENARC NIGHT BREAKER LASER D4S [1)]	2000 h	3000 h	HID	D4S [2)]	06-03-2024	4052899993235 | 4052899993198 | 4052899993174 | 4052899992993 | 4052899993211

Product description	**Candidate List Substance 1**	**CAS No. of substance 1**	**Safe Use Instruction**	**Declaration No. in SCIP database**
XENARC NIGHT BREAKER LASER D1S [1)]	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	ccb03c4a-a29c-4abe-920d-8f9616541d50 | 99f64b8f-b549-4139-9e34-d3907343674d | | 281f73d6-719d-4570-a537-1f78ed0a9f77
XENARC NIGHT BREAKER LASER D3S [1)]	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	83497fdb-f0d9-456b-bd77-0d812a8e2775 | cfe441c2-c423-4f33-a5b0-b2a8b7592c15 | | d751e109-de28-4acf-9d59-e29beb418a68
XENARC NIGHT BREAKER LASER D4S [1)]	No declarable substances contained			In work

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[1] Reduced UV emission/For projection headlights/ECE approval and DOT label

[2] To be operated only with approved electronic control gear

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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.



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