Product family datasheet

XENARC NIGHT BREAKER LASER (NEXT GEN)

Brightest OSRAM xenon light



Up to 220% more brightness1), 2)

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 light1)

More modern look compared to the minimum legal standard

For more customer satisfaction

3 year guarantee, refer to www.osram.com/am-guarantee for precise conditions



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 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 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

	Product information		Electrical data			
Product description	**Product legal advice 1**	**Product legal advice 2**	**Power input**	**Nominal voltage**	**Nominal wattage**	**Power input tolerance**
XENARC NIGHT BREAKER LASER D1S [1)]	1) Compared to minimum ECE R98/R99 requirements	2) D3S, D4S	35 W	85.0 V	35.00 W	±3 %
XENARC NIGHT BREAKER LASER D2S [1)]	1) Compared to minimum ECE R98/R99 requirements	2) D3S, D4S	35 W	85.0 V	35.00 W	±3 %
XENARC NIGHT BREAKER LASER D3S [1)]	1) Compared to minimum ECE R98/R99 requirements	2) D3S, D4S	35 W	42.0 V	35.00 W	±3 %
XENARC NIGHT BREAKER LASER D4S [1)]	1) Compared to minimum ECE R98/R99 requirements	2) D3S, D4S	35 W	42.0 V	35.00 W	±3 %

		Photometrical data		Dimensions & weight		Lifespan	
Product description	**Test voltage**	**Luminous flux**	**Luminous flux tolerance**	**Length**	**Diameter**	**Lifespan B3**	**Lifespan Tc**
XENARC NIGHT BREAKER LASER D1S [1)]	13.5 V	3200 lm	±15 %	83.2 mm	9 mm	1500 h	3000 h
XENARC NIGHT BREAKER LASER D2S [1)]	13.5 V	3200 lm	±15 %	77.3 mm	9 mm	1500 h	3000 h
XENARC NIGHT BREAKER LASER D3S [1)]	13.5 V	3200 lm	±15 %	83.2 mm	9 mm	2000 h	3000 h
XENARC NIGHT BREAKER LASER D4S [1)]	13.5 V	3200 lm	±15 %	77.3 mm	9 mm	2000 h	3000 h

	Additional product data	Capabilities	Certificates & standards	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	**Base (standard designation)**	**Technology**	**ECE category**	**Date of Declaration**	**Primary Article Identifier**
XENARC NIGHT BREAKER LASER D1S [1)]	PK32d-2	HID	D1S [2)]	08-03-2024	4052899631281 | 4052899631328
XENARC NIGHT BREAKER LASER D2S [1)]	P32d-2	HID	D2S [2)]	08-03-2024	4052899631298 | 4052899631335
XENARC NIGHT BREAKER LASER D3S [1)]	PK32d-5	HID	D3S [2)]	08-03-2024	4052899631304 | 4052899631342
XENARC NIGHT BREAKER LASER D4S [1)]	P32d-5	HID	D4S [2)]	08-03-2024	4052899631311 | 4052899631359

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Product description	Declaration No. in SCIP database
XENARC NIGHT BREAKER LASER D1S [1)]	In work
XENARC NIGHT BREAKER LASER D2S [1)]	In work
XENARC NIGHT BREAKER LASER D3S [1)]	In work
XENARC NIGHT BREAKER LASER D4S [1)]	In work

[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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Download Data

	File
	Movie application Installation Video Xenarc Night Breaker Laser Opel Zafira (EN)

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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