Product family datasheet

XENARC NIGHT BREAKER 220

Up to 220% more brightness[1)1)] Compared to minimum ECE R98/R99. 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[1)1)] Compared to minimum ECE R98/R99 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.

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Technical data

	Electrical Data					Photometric Data
Product description	**Power input**	**Nominal voltage**	**Nominal wattage**	**Power input tolerance**	**Test voltage**	**Nominal luminous flux**
XENARC NIGHT BREAKER 220 D1S	35 W	85 V	35 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D2S	35 W	85 V	35 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D3S	35 W	42 V	35 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D4S	35 W	42 V	35 W	±3 %	13.5 V	3200 lm

		Physical Attributes & Dimensions		
Product description	**Luminous flux tolerance**	**Lamp base**	**Length**	**Diameter**
XENARC NIGHT BREAKER 220 D1S	±15 %	PK32d-2	77.3 mm	9 mm
XENARC NIGHT BREAKER 220 D2S	±15 %	P32d-2	77.3 mm	9 mm
XENARC NIGHT BREAKER 220 D3S	±15 %	PK32d-5	77.3 mm	9 mm
XENARC NIGHT BREAKER 220 D4S	±15 %	P32d-5	77.3 mm	9 mm

	Lifetime Data		Certificates & standards	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	**Lifespan B3**	**Lifespan Tc**	**ECE category**	**Primary article identifier**	**Candidate list substance 1**
XENARC NIGHT BREAKER 220 D1S	1500 hr	3000 hr	D1S [1)]	4062172398619 | 4062172397735	Lead
XENARC NIGHT BREAKER 220 D2S	1500 hr	3000 hr	D2S [1)]	4062172398640 | 4062172397766	No declarable substances contained
XENARC NIGHT BREAKER 220 D3S	2000 hr	3000 hr	D3S [1)]	4062172398671 | 4062172397797	Lead
XENARC NIGHT BREAKER 220 D4S	2000 hr	3000 hr	D4S [1)]	4062172398701 | 4062172397827	No declarable substances contained

Product description	**CAS No. of substance 1**	**Safe use instruction**	**Declaration no. in SCIP database**
XENARC NIGHT BREAKER 220 D1S	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	0682beb0-fcb6-4643-b1bf-f0df283c2352 | 5a5302eb-4799-4cbd-a466-1a125eac6e0a
XENARC NIGHT BREAKER 220 D2S			No declarable substances contained
XENARC NIGHT BREAKER 220 D3S	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	2322ca85-73dd-494d-97a0-7d1ae5c23717 | 3dea30b6-ada1-419d-b9db-7582b1c7f8bf

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Product description	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
XENARC NIGHT BREAKER 220 D4S			No declarable substances contained

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

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Download Data

	File
	User instruction GPRS_Safety symbols instructions
	Addon Technical Information Product Certificates HID
	ref_pim_amsp_product360degreeimages XENARC ORIGINAL D1S 66140
	ref_pim_amsp_product360degreeimages XENARC NIGHT BREAKER D2S 66240XNB
	ref_pim_amsp_product360degreeimages XENARC NIGHT BREAKER D3S 66340XNB
	ref_pim_amsp_product360degreeimages XENARC NIGHT BREAKER D4S 66440XNB

Safety advice

XENARC lamps should be replaced by a qualified mechanicThis product must only be operated with approved electronic control gear

Legal advice

Light output compared to the minimum ECE R112/R37 requirementsThis product must only be operated with approved electronic control gearXENARC lamps should be replaced by a qualified mechanicReduced 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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