

# XENARC NIGHT BREAKER 220



**Up to 220% more brightness<sup>1)1)</sup>  
Compared to minimum ECE R98R99.  
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<sup>1)1)</sup> Compared to  
minimum ECE R98R99 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.

# Product family datasheet

## Technical data

Product description	Electrical Data					Photometric Data
	Power input	Nominal voltage	Nominal wattage	Power input tolerance	Test voltage	Nominal luminous flux
XENARC NIGHT BREAKER 220 D1S <sup>1)</sup>	35 W	85.0 V	35 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D2S <sup>1)</sup>	35 W	85.0 V	35 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D3S <sup>1)</sup>	35 W	42.0 V	35 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D4S <sup>1)</sup>	35 W	42.0 V	35 W	±3 %	13.5 V	3200 lm

Product description	Luminous flux tolerance	Physical Attributes & Dimensions		
		Lamp base	Length	Diameter
XENARC NIGHT BREAKER 220 D1S <sup>1)</sup>	±15 %	PK32d-2	77.3 mm	9 mm
XENARC NIGHT BREAKER 220 D2S <sup>1)</sup>	±15 %	P32d-2	77.3 mm	9 mm
XENARC NIGHT BREAKER 220 D3S <sup>1)</sup>	±15 %	PK32d-5	77.3 mm	9 mm
XENARC NIGHT BREAKER 220 D4S <sup>1)</sup>	±15 %	P32d-5	77.3 mm	9 mm

Product description	Lifetime Data		Capabilities	Certificates & standards	Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh)	
	Lifespan B3	Lifespan Tc	Technology	ECE category	Date of declaration	Primary article identifier
XENARC NIGHT BREAKER 220 D1S <sup>1)</sup>	1500 hr	3000 hr	HID <sup>2)</sup>	D1S <sup>3)</sup>	27-08-2024	4062172398619   4062172397735
XENARC NIGHT BREAKER 220 D2S <sup>1)</sup>	1500 hr	3000 hr	HID <sup>2)</sup>	D2S <sup>3)</sup>	27-08-2024	4062172398640   4062172397766
XENARC NIGHT BREAKER 220 D3S <sup>1)</sup>	2000 hr	3000 hr	HID <sup>2)</sup>	D3S <sup>3)</sup>	27-08-2024	4062172398671   4062172397797
XENARC NIGHT BREAKER 220 D4S <sup>1)</sup>	2000 hr	3000 hr	HID <sup>2)</sup>	D4S <sup>3)</sup>	27-08-2024	4062172398701   4062172397827

Product description	Declaration no. in SCIP database
XENARC NIGHT BREAKER 220 D1S <sup>1)</sup>	In work
XENARC NIGHT BREAKER 220 D2S <sup>1)</sup>	In work
XENARC NIGHT BREAKER 220 D3S <sup>1)</sup>	In work
XENARC NIGHT BREAKER 220 D4S <sup>1)</sup>	In work

<sup>1)</sup> Reduced UV emission/For projection headlights/ECE approval and DOT label





<sup>2)</sup> High-intensity discharge lamp

<sup>3)</sup> To be operated only with approved electronic control gear

## Product family datasheet

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### Download Data

File	
	ref_pim_amsproduct360degreeimages XENARC ORIGINAL D1S 66140
	ref_pim_amsproduct360degreeimages XENARC NIGHT BREAKER D2S 66240XNB
	ref_pim_amsproduct360degreeimages XENARC NIGHT BREAKER D3S 66340XNB
	ref_pim_amsproduct360degreeimages 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.