

# 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	Product information	Electrical data					Photometrical data
	Product legal advice 1	Power input	Nominal voltage	Nominal wattage	Power input tolerance	Test voltage	Luminous flux
XENARC NIGHT BREAKER 220 D1S <sup>1)</sup>	1) Compared to minimum ECE R98/R99 requirements	35 W	85.0 V	35.00 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D2S <sup>1)</sup>	1) Compared to minimum ECE R98/R99 requirements	35 W	85.0 V	35.00 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D3S <sup>1)</sup>	1) Compared to minimum ECE R98/R99 requirements	35 W	42.0 V	35.00 W	±3 %	13.5 V	3200 lm
XENARC NIGHT BREAKER 220 D4S <sup>1)</sup>	1) Compared to minimum ECE R98/R99 requirements	35 W	42.0 V	35.00 W	±3 %	13.5 V	3200 lm

Product description			Dimensions & weight		Lifespan		Additional product data
	Luminous flux tolerance	Color temperature	Length	Diameter	Lifespan B3	Lifespan Tc	Base (standard designation)
XENARC NIGHT BREAKER 220 D1S <sup>1)</sup>	±15 %	4500 K	77.3 mm	9 mm	1500 h	3000 h	PK32d-2
XENARC NIGHT BREAKER 220 D2S <sup>1)</sup>	±15 %	4500 K	77.3 mm	9 mm	1500 h	3000 h	P32d-2
XENARC NIGHT BREAKER 220 D3S <sup>1)</sup>	±15 %	4400 K	77.3 mm	9 mm	2000 h	3000 h	PK32d-5
XENARC NIGHT BREAKER 220 D4S <sup>1)</sup>	±15 %	4400 K	77.3 mm	9 mm	2000 h	3000 h	P32d-5





Product description	Capabilities	Certificates & standards	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Technology	ECE category	Date of Declaration	Primary Article Identifier
XENARC NIGHT BREAKER 220 D1S <sup>1)</sup>	HID <sup>2)</sup>	D1S <sup>3)</sup>	07-05-2024	4062172397735   4062172398619
XENARC NIGHT BREAKER 220 D2S <sup>1)</sup>	HID <sup>2)</sup>	D2S <sup>3)</sup>	07-05-2024	4062172397766   4062172398640
XENARC NIGHT BREAKER 220 D3S <sup>1)</sup>	HID <sup>2)</sup>	D3S <sup>3)</sup>	07-05-2024	4062172397797   4062172398671
XENARC NIGHT BREAKER 220 D4S <sup>1)</sup>	HID <sup>2)</sup>	D4S <sup>3)</sup>	07-05-2024	4062172397827   4062172398701

Product family datasheet

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

Download Data

File	
	360 Degree Image XENARC NIGHT BREAKER 220 D1S 66140XN2
	360 Degree Image XENARC NIGHT BREAKER 220 D2S 66140XN2
	360 Degree Image XENARC NIGHT BREAKER 220 D3S 66140XN2
	360 Degree Image XENARC NIGHT BREAKER 220 D4S 66140XN2

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 R112/R37 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.