

XENARC NIGHT BREAKER 220 D1S



**Up to 220% more brightness¹⁾¹⁾
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 light¹⁾¹⁾ 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.

Technical data

Product information

Product legal advice 1	1) Compared to minimum ECE R98/R99 requirements
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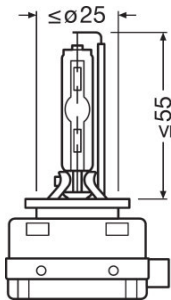
Electrical data

Power input	35 W
Nominal voltage	85.0 V
Nominal wattage	35.00 W
Test voltage	13.5 V
Power input tolerance	±3 %

Photometrical data

Luminous flux	3200 lm
Luminous flux tolerance	±15 %
Color temperature	4500 K

Dimensions & weight



Diameter	9 mm
Product weight	60.70 g
Length	77.3 mm

Lifespan

Lifespan B3	1500 h
Lifespan Tc	3000 h

Additional product data

Base (standard designation)	PK32d-2
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Capabilities

Technology	HID ¹⁾
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¹⁾ High-intensity discharge lamp

Certificates & standards

ECE category	D1S ¹⁾
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¹⁾ To be operated only with approved electronic control gear

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	07-05-2024
Primary Article Identifier	4062172397735 4062172398619
Declaration No. in SCIP database	In work

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172397735	XENARC NIGHT BREAKER 220 D1S	HFB 2	100 mm x 51 mm x 120 mm	0.61 dm ³	152.00 g
4062172397742	XENARC NIGHT BREAKER 220 D1S	Shipping carton box 4	113 mm x 111 mm x 134 mm	1.68 dm ³	347.00 g
4062172397759	XENARC NIGHT BREAKER 220 D1S	Shipping carton box 48	350 mm x 236 mm x 282 mm	23.29 dm ³	4395.00 g
4062172398619	XENARC NIGHT BREAKER 220 D1S	Folding carton box 1	53 mm x 46 mm x 93 mm	0.23 dm ³	81.00 g
4062172398626	XENARC NIGHT BREAKER 220 D1S	Shipping carton box 4	115 mm x 101 mm x 103 mm	1.20 dm ³	348.00 g
4062172398633	XENARC NIGHT BREAKER 220 D1S	Shipping carton box 48	371 mm x 256 mm x 232 mm	22.03 dm ³	4425.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Download Data

File	
	360 Degree Image XENARC NIGHT BREAKER 220 D1S 66140XN2

Product datasheet

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.

The OSRAM logo is displayed in a bold, orange, sans-serif font.