Product datasheet

XENARC NIGHT BREAKER 220 D1S

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

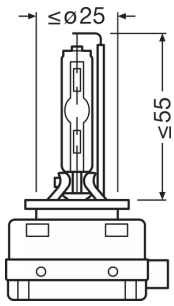
Electrical Data

Power input	35 W
Nominal voltage	85 V
Nominal wattage	35 W
Power input tolerance	±3 %
Test voltage	13.5 V

Photometric Data

Nominal luminous flux	3200 lm
Luminous flux tolerance	±15 %

Physical Attributes & Dimensions



Lamp base	PK32d-2
Length	77.3 mm
Diameter	9 mm
Product weight	60.70 g

Lifetime Data

Lifespan B3	1500 hr
Lifespan Tc	3000 hr
Guarantee	3 years

Capabilities

Technology	HID [1)]

[1)] High-intensity discharge lamp

Certificates & standards

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Product datasheet

ECE category	D1S [1)]

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

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172398619 | 4062172397735
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration no. in SCIP database	0682beb0-fcb6-4643-b1bf-f0df283c2352 | 5a5302eb-4799-4cbd-a466-1a125eac6e0a

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 ECO 2	100 mm x 51 mm x 120 mm	0.23 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
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

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
	User instruction GPRS_Safety symbols instructions
	Addon Technical Information Product Certificates HID
	ref_pim_amsp_product360degreeimages XENARC ORIGINAL D1S 66140

Safety advice

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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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