Product datasheet

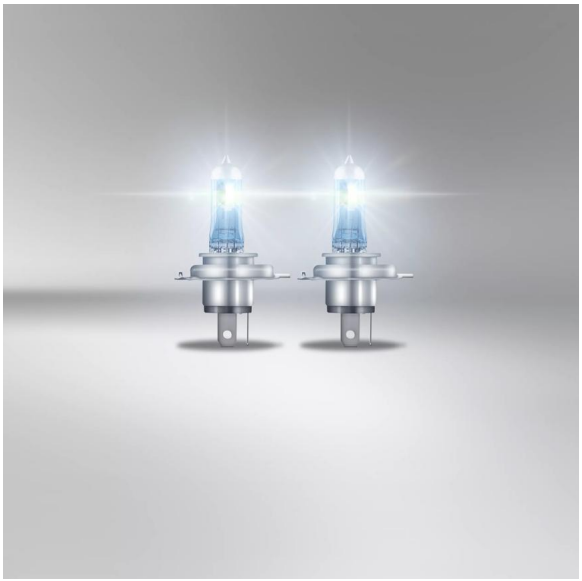
NIGHT BREAKER LASER H4

Halogen light with excellent brightness

Up to 150% more brightness
More light allows to see farther and therefore react sooner compared to the minimum legal standard

Up to 150m long beam
For better visibility

Up to 20% whiter light
More modern look compared to the minimum legal standard



Strong halogen light for high demands

Thanks to innovative laser ablation technology, NIGHT BREAKER LASER halogen headlight lamps shine up to 150% brighter compared to the minimum legal standard. The highly engineered filament ensures an extra light boost. Consequently, the lamps provide an up to 150m long beam and up to 20% whiter light compared to the minimum legal standard. More light and improved visibility can help drivers identify and react to traffic hazards more quickly. Last but not least: OSRAM NIGHT BREAKER LASER impresses with its unique design (laser-engraved product name) and complete portfolio (H1, H3, H4, H7, H8, H11, HB3, HB4).

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Product datasheet

Technical data

Product information

Application (Category and Product specific)	Halogen headlight lamp

General Product Information

Global order reference	64193NL

Electrical Data

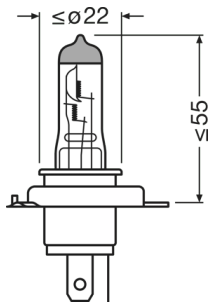
Power input	75 / 68 W [1)]
Nominal voltage	12 V
Nominal wattage	60/55 W
Test voltage	13.2 V

[1)] Maximum

Photometric Data

Nominal luminous flux	1650/1000 lm
Luminous flux tolerance	±12 / ±15 %
Color temperature	3900 K

Physical Attributes & Dimensions



Diameter	13.0 mm
Product weight	21.30 g
Length	82.0 mm
Lamp base	P43t

Lifetime Data

Lifespan B3	80 / 200 hr [1)]
Lifespan Tc	160 / 400 hr [1)]

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[1] Filament 1 / Filament 2

Capabilities

Technology	HAL [1]

[1] Halogen lamp

Certificates & standards

ECE category	H4

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172114318 | 4052899991064 | 4052899991361 | 4052899593671 | 4062172114431 | 4062172395700 | 4062172419987 | 4052899991736 | 4052899578890 | 4052899991675 | 4052899991101 | 4052899991651 | 4052899998957 | 4062172387477
Candidate list substance 1	No declarable substances contained
Declaration no. in SCIP database	No declarable substances contained

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899991361	NIGHT BREAKER LASER H4	FS ECO 1	47 mm x 47 mm x 71 mm	0.61 dm^3	29.00 g
4052899991385	NIGHT BREAKER LASER H4	Shipping carton box 100	485 mm x 250 mm x 160 mm	19.40 dm^3	3103.00 g
4062172387477	NIGHT BREAKER LASER H4	HFB ECO 2	100 mm x 51 mm x 120 mm	0.61 dm^3	72.00 g
4062172387484	NIGHT BREAKER LASER H4	Shipping carton box 10	266 mm x 111 mm x 134 mm	3.96 dm^3	437.00 g
4062172395700	NIGHT BREAKER LASER H4	BLI ECO 1	95 mm x 47 mm x 135 mm	0.61 dm^3	33.00 g
4062172395717	NIGHT BREAKER LASER H4	Shipping carton box 10	259 mm x 144 mm x 110 mm	4.10 dm^3	402.00 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

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	User instruction GPRS_Safety symbols instructions
	Addon Technical Information Product Certificates HAL
	Movie application Night Breaker Laser H4 for VW T5: Installation Video (EN)
	ref_pim_amsp_product360degreeimages NIGHT BREAKER LASER next gen H4 64193NL

Legal advice
Light output compared to the minimum ECE R112/R37 requirementsH4/H7/H8/H11/HB3/HB4

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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