

# 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).

# Product datasheet

## Technical data

### Product information

Application (Category and Product specific)	Halogen headlight lamp
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### General Product Information

Global order reference	64193NL
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### Electrical Data

Power input	75 / 68 W <sup>1)</sup>
Nominal voltage	13.2 V
Test voltage	13.2 V

<sup>1)</sup> 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 <sup>1)</sup>
Lifespan Tc	160 / 400 hr <sup>1)</sup>

<sup>1)</sup> Filament 1 / Filament 2

### Capabilities

Technology	HAL <sup>1)</sup>
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<sup>1)</sup> Halogen lamp

### Certificates & standards

ECE category	H4
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### Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
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## Product datasheet



<b>Date of declaration</b>	09-07-2024
<b>Primary article identifier</b>	4062172114318   4052899991064   4052899991361   4052899593671   4062172114431   4062172395700   4052899991736   4052899578890   4052899991675   4052899991101   4052899991651   4052899998957   4062172387477
<b>Candidate list substance 1</b>	No declarable substances contained
<b>Declaration no. in SCIP database</b>	In work

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899991385	NIGHT BREAKER LASER H4		- x - x -	19.40 dm <sup>3</sup>	
4062172114325	NIGHT BREAKER LASER H4		- x - x -	4.22 dm <sup>3</sup>	
4062172114448	NIGHT BREAKER LASER H4		- x - x -	5.62 dm <sup>3</sup>	

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
 Movie application Night Breaker Laser H4 for VW T5: Installation Video (EN)
 ref_pim_amsproduct360degreeimages 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.



