

# NIGHT BREAKER LASER HB4

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

Order reference	9006NL
Application (Category and Product specific)	Halogen headlight lamp

### Electrical data

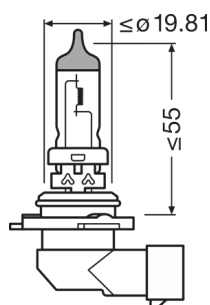
Power input	62 W <sup>1)</sup>
Nominal voltage	12.0 V
Nominal wattage	51.00 W
Test voltage	13.2 V

<sup>1)</sup> Maximum

### Photometrical data

Luminous flux	1000 lm
Luminous flux tolerance	±15 %

### Dimensions & weight



Diameter	12.0 mm
Product weight	21.00 g
Length	80.3 mm

### Lifespan

Lifespan B3	270 h
Lifespan Tc	500 h

### Additional product data

Base (standard designation)	P22d
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## Product datasheet

### Capabilities

Technology	HAL
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### Certificates & standards

ECE category	HB4
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### Country specific categorizations

Order reference	9006NL
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### Environmental information


Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	06-03-2024
Primary Article Identifier	4052899999039   4052899992214   4052899992191   4052899992177   4052899992153   4052899998889   4052899577992   4062172114417   4062172258074   4052899992139   4062172388320
Candidate List Substance 1	No declarable substances contained
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
4062172114417	NIGHT BREAKER LASER HB4	Hard Cover Box 2	114 mm x 48 mm x 106 mm	0.58 dm <sup>3</sup>	134.00 g
4062172114424	NIGHT BREAKER LASER HB4	Shipping carton box 10	268 mm x 126 mm x 125 mm	4.22 dm <sup>3</sup>	755.00 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 NIGHT BREAKER LASER HB4

### Legal advice

Light output compared to the minimum ECE R112/R37 requirements

## Product datasheet

H4/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.



# OSRAM