

# NIGHT BREAKER LASER HB3

Brightest OSRAM halogen light



**Up to 150% more brightness**

To see further and therefore react sooner compared to the minimum legal standard



**Up to 150 m long beam**

For better visibility



**Up to 20% whiter light**

Compared to the minimum legal standard (modern look)



## The most powerful halogen light from OSRAM

Discover the next generation of NIGHT BREAKER LASER - the brightest halogen automotive light from OSRAM! Using an innovative laser ablation technology these headlight lamps shine up to 150% brighter compared to the minimum legal standard. The highly engineered filament ensures an extra light output. Thus, the lamps provide an up to 150 meter 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. And last but not least - OSRAM NIGHT BREAKER LASER convinces with its unique design with laser-etched product name and a complete portfolio (H1, H3, H4, H7, H8, H11, HB3, HB4). The ideal lamp for drivers who know the difference that powerful automotive lighting makes!

# Product datasheet

## Technical data

### Product information

Order reference	9005NL
Application (Category and Product specific)	Halogen headlight lamp

### Electrical data

Power input	73 W <sup>1)</sup>
Nominal voltage	12.0 V
Nominal wattage	60.00 W
Test voltage	13.2 V

<sup>1)</sup> Maximum

### Photometrical data

Luminous flux	1700 lm
Luminous flux tolerance	±12 %
Color temperature	3200 K

### Dimensions & weight

Diameter	12.0 mm
Product weight	21.00 g
Length	80.3 mm

### Lifespan

Lifespan B3	110 h
Lifespan Tc	210 h

### Additional product data

Base (standard designation)	P20d
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### Capabilities

Technology	Halogen lamp
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### Certificates & standards

ECE category	HB3
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### Country specific categorizations

Order reference	9005NL
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## Product datasheet

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899992054	NIGHT BREAKER LASER HB3	Hard Cover Box 2	114 mm x 48 mm x 106 mm	0.58 dm <sup>3</sup>	134.08 g
4062172059442	NIGHT BREAKER LASER HB3	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.

#### Legal advice

Light output compared to the minimum ECE 112 requirements.

#### 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.