

# 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 150 m 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	64193NL
Application (Category and Product specific)	Halogen headlight lamp

### Electrical data

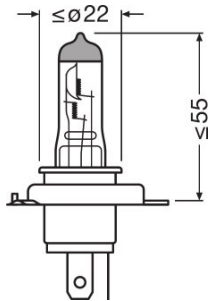
Power input	75 / 68 W <sup>1)</sup>
Nominal voltage	12.0 V
Nominal wattage	60/55 W
Test voltage	13.2 V

<sup>1)</sup> Maximum

### Photometrical data

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

### Dimensions & weight



Diameter	13.0 mm
Product weight	21.30 g
Length	82.0 mm

### Lifespan

Lifespan B3	80 / 200 h <sup>1)</sup>
Lifespan Tc	160 / 400 h <sup>1)</sup>

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

### Additional product data

## Product datasheet

Base (standard designation)	P43t
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### Capabilities

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

### Certificates & standards

ECE category	H4
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### Country specific categorizations

Order reference	64193NL
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### Environmental information


Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	25-04-2022
Primary Article Identifier	4052899991736   4052899991101   4052899991675   4052899991651   4052899991064   4052899578890   4052899991361   4052899998957   4052899593671   4062172114431   4062172114318   4052899991712
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
4052899991736	NIGHT BREAKER LASER H4	Hard Cover Box 2	114 mm x 48 mm x 106 mm	0.58 dm <sup>3</sup>	135.00 g
4062172060417	NIGHT BREAKER LASER H4	Shipping carton box 10	268 mm x 126 mm x 125 mm	4.22 dm <sup>3</sup>	758.00 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 next gen H4 64193NL

## Product datasheet

### Legal advice

Light output compared to the minimum ECE R112/R37 requirements

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