

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 ¹⁾
Nominal voltage	12.0 V
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⁾

¹⁾ Filament 1 / Filament 2

Capabilities

Technology	HAL ¹⁾
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¹⁾ 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)

Product datasheet



Date of declaration	09-08-2024
Primary article identifier	4062172114318 4052899991064 4052899991361 4052899593671 4062172114431 4062172395700 4052899991736 4052899578890 4052899991675 4052899991101 4052899991651 4052899998957 4062172387477
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
4052899991361	NIGHT BREAKER LASER H4		- x - x -	0.16 dm ³	
4052899991385	NIGHT BREAKER LASER H4	Shipping carton box 100	- x - x -	19.40 dm ³	
4062172114318	NIGHT BREAKER LASER H4		- x - x -	0.57 dm ³	
4062172114325	NIGHT BREAKER LASER H4	Shipping carton box 10	- x - x -	4.22 dm ³	
4062172114431	NIGHT BREAKER LASER H4		- x - x -	0.65 dm ³	
4062172114448	NIGHT BREAKER LASER H4	Shipping carton box 10	- x - x -	5.62 dm ³	
4062172387477	NIGHT BREAKER LASER H4		- x - x -	0.61 dm ³	
4062172387484	NIGHT BREAKER LASER H4	Shipping carton box 10	- x - x -	3.96 dm ³	
4062172395700	NIGHT BREAKER LASER H4		- x - x -	0.60 dm ³	
4062172395717	NIGHT BREAKER LASER H4	Shipping carton box 10	- x - x -	4.10 dm ³	

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

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