

# NIGHT BREAKER LASER

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 family datasheet

### Technical data

Product description	Product information		Electrical data				Photometrical data
	Order reference	Application (Category and Product specific)	Power input	Nominal voltage	Nominal wattage	Test voltage	Luminous flux
NIGHT BREAKER LASER H1	64150NL	Halogen headlight lamp	68 W <sup>1)</sup>	12.0 V	55.00 W	13.2 V	1550 lm
NIGHT BREAKER LASER H3	64151NL	Halogen headlight lamp	68 W <sup>1)</sup>	12.0 V	55.00 W	13.2 V	1450 lm
NIGHT BREAKER LASER H4	64193NL	Halogen headlight lamp	75 / 68 W <sup>1)</sup>	12.0 V	60/55 W	13.2 V	1650/1000 lm
NIGHT BREAKER LASER H7	64210NL	Halogen headlight lamp	58 W <sup>1)</sup>	12.0 V	55.00 W	13.2 V	1500 lm
NIGHT BREAKER LASER H8	64212NL	Halogen headlight lamp	43 W <sup>1)</sup>	12.0 V	35.00 W	13.2 V	800 lm
NIGHT BREAKER LASER H11	64211NL	Halogen headlight lamp	62 W <sup>1)</sup>	12.0 V	55.00 W	13.2 V	1350 lm
NIGHT BREAKER LASER HB3	9005NL	Halogen headlight lamp	73 W <sup>1)</sup>	12.0 V	60.00 W	13.2 V	1700 lm
NIGHT BREAKER LASER HB4	9006NL	Halogen headlight lamp	62 W <sup>1)</sup>	12.0 V	51.00 W	13.2 V	1000 lm

Product description	Luminous flux tolerance	Dimensions & weight	Lifespan		Capabilities	Certificates & standards
		Diameter	Lifespan B3	Lifespan Tc	Technology	ECE category
NIGHT BREAKER LASER H1	±15 %	9 mm	150 h	300 h	HAL	H1
NIGHT BREAKER LASER H3	±15 %	12.0 mm	150 h	300 h	HAL	H3
NIGHT BREAKER LASER H4	±12 / ±15 %	13.0 mm	80 / 200 h <sup>2)</sup>	160 / 400 h <sup>2)</sup>	HAL <sup>3)</sup>	H4
NIGHT BREAKER LASER H7	±10 %	12.0 mm	150 h	250 h	HAL <sup>3)</sup>	H7
NIGHT BREAKER LASER H8	±15 %	12.0 mm	250 h	400 h	HAL	H8
NIGHT BREAKER LASER H11	±10 %	12.0 mm	150 h	250 h	HAL	H11
NIGHT BREAKER LASER HB3	±12 %	12.0 mm	110 h	210 h	HAL	HB3
NIGHT BREAKER LASER HB4	±15 %	12.0 mm	270 h	500 h	HAL	HB4

## Product family datasheet

Environmental information				
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
NIGHT BREAKER LASER H1	21-06-2024	4052899991538   4052899990944   4052899991453   4058075141513   4052899991309   4052899998995   4062172114936   4062172114899   4062172159289   4062172159241   4062172256940   4052899991514   4052899990906   4062172388108   4062172395489	No declarable substances contained	In work
NIGHT BREAKER LASER H3	08-03-2024	4052899991637   4052899991576   4052899991552   4052899991330   4058075141551   4052899999008   4062172114912   4062172159265   4062172257039   4052899991613   4052899991590   4052899991002   4052899990982   4062172388160	No declarable substances contained	In work
NIGHT BREAKER LASER H4	08-03-2024	4052899991736   4052899991101   4052899991675   4052899991651   4052899991064   4052899578890   4052899991361   4052899998957   4052899593671   4062172114431   4062172114318   4052899991712   4062172387477   4062172395700   4052899991125	No declarable substances contained	In work

## Product family datasheet

Environmental information				
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
NIGHT BREAKER LASER H7	06-03-2024	4052899991774   4052899991149   4052899579163   4052899991392   4052899991835   4052899998971   4052899593657   4062172114455   4062172114332   4052899991163   4052899991200   4052899991811   4062172387248   4062172387590   4062172395168	No declarable substances contained	In work
NIGHT BREAKER LASER H8	06-03-2024	4052899991958   4052899579200   4052899998827   4052899998919   4062172114370   4052899992016   4062172387774	No declarable substances contained	In work
NIGHT BREAKER LASER H11	06-03-2024	4052899991873   4052899991224   4052899579125   4052899991422   4052899991934   4052899991286   4052899991262   4052899999015   4062172114479   4062172114356   4062172131384   4052899991859   4052899991910   4062172387712   4052899991897   4062172395243	No declarable substances contained	In work
NIGHT BREAKER LASER HB3	06-03-2024	4052899999022   4052899992115   4052899992078   4052899992054   4052899992030   4052899998858   4052899577978   4062172114394   4052899992092   4062172388283	No declarable substances contained	In work

## Product family datasheet

Environmental information				
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
NIGHT BREAKER LASER HB4	06-03-2024	405289999039   4052899992214   4052899992191   4052899992177   4052899992153   4052899998889   4052899577992   4062172114417   4062172258074   4052899992139   4062172388320	No declarable substances contained	In work









<sup>1)</sup> Maximum

<sup>2)</sup> Filament 1

<sup>3)</sup> Halogen lamp

# Product family datasheet

## Download Data

File	
	360 Degree Image NIGHT BREAKER LASER next gen H1 64150NL
	360 Degree Image NIGHT BREAKER LASER next gen H3 64151NL
	360 Degree Image NIGHT BREAKER LASER next gen H4 64193NL
	360 Degree Image NIGHT BREAKER LASER next gen H7 64210NL
	360 Degree Image NIGHT BREAKER LASER next gen H8 64212NL
	360 Degree Image NIGHT BREAKER LASER H11
	360 Degree Image NIGHT BREAKER LASER HB3
	360 Degree Image NIGHT BREAKER LASER HB4

### 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.

