

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 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 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 ¹⁾	12.0 V	55.00 W	13.2 V	1550 lm
NIGHT BREAKER LASER H3	64151NL	Halogen headlight lamp	68 W ¹⁾	12.0 V	55.00 W	13.2 V	1450 lm
NIGHT BREAKER LASER H4	64193NL	Halogen headlight lamp	75 / 68 W ¹⁾	12.0 V	60/55 W	13.2 V	1650/1000 lm
NIGHT BREAKER LASER H7	64210NL	Halogen headlight lamp	58 W ¹⁾	12.0 V	55.00 W	13.2 V	1500 lm
NIGHT BREAKER LASER H8	64212NL	Halogen headlight lamp	43 W ¹⁾	12.0 V	35.00 W	13.2 V	800 lm
NIGHT BREAKER LASER H11	64211NL	Halogen headlight lamp	62 W ¹⁾	12.0 V	55.00 W	13.2 V	1350 lm
NIGHT BREAKER LASER HB3	9005NL	Halogen headlight lamp	73 W ¹⁾	12.0 V	60.00 W	13.2 V	1700 lm
NIGHT BREAKER LASER HB4	9006NL	Halogen headlight lamp	62 W ¹⁾	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 ²⁾	160 / 400 h ²⁾	HAL ³⁾	H4
NIGHT BREAKER LASER H7	±10 %	12.0 mm	150 h	250 h	HAL ³⁾	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	25-04-2022	4052899991538 4052899991491 4052899990944 4052899991477 4052899991453 4052899990906 4058075141513 4052899991309 4052899998895 4062172114936 4062172114899 4062172159289 4062172159241 4062172256940	No declarable substances contained	In work
NIGHT BREAKER LASER H3	25-04-2022	4052899991637 4052899991002 4052899991552 4052899990982 4052899991330 4058075141551 4052899999008 4062172114912 4062172159265 4062172257039 4052899991613 4052899991590	No declarable substances contained	In work
NIGHT BREAKER LASER H4	25-04-2022	4052899991736 4052899991101 4052899991675 4052899991651 4052899991064 4052899578890 4052899991361 4052899998957 4052899593671 4062172114431 4062172114318 4052899991712	No declarable substances contained	In work
NIGHT BREAKER LASER H7	03-06-2022	4052899991774 4052899991750 4052899991149 4052899579163 4052899991392 4052899991835 4052899991798 4052899998971 4052899593657 4062172114455 4062172114332	No declarable substances contained	In work

Product family datasheet

Product description	Environmental information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
NIGHT BREAKER LASER H8	24-06-2022	4052899991972 4052899991958 4052899579200 4052899998827 4052899998919 4062172114370 4052899991996 4052899992016	No declarable substances contained	In work
NIGHT BREAKER LASER H11	11-02-2022	4052899991873 4052899991248 4052899991224 4052899579125 4052899991422 4052899991934 4052899991286 4052899991262 4052899999015 4062172114479 4062172114356 4062172131384 4052899991897 4052899991859 4052899991910	No declarable substances contained	In work
NIGHT BREAKER LASER HB3	28-01-2022	4052899999022 4052899992115 4052899992078 4052899992054 4052899992030 4052899998858 4052899577978 4062172114394 4052899992092	No declarable substances contained	In work
NIGHT BREAKER LASER HB4	20-05-2022	4052899999039 4052899992214 4052899992191 4052899992177 4052899992153 4052899998889 4052899577992 4062172114417 4062172258074	No declarable substances contained	In work









1) Maximum

2) Filament 1

3) 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.

