

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		Additional product data	Capabilities	Certificates & standards
		Diameter	Lifespan B3	Lifespan Tc	Base (standard designation)	Technology	ECE category
NIGHT BREAKER LASER H1	±15 %	9 mm	150 h	300 h	P14.5s	HAL	H1
NIGHT BREAKER LASER H3	±15 %	12.0 mm	150 h	300 h	PK22s	HAL	H3
NIGHT BREAKER LASER H4	±12 / ±15 %	13.0 mm	80 / 200 h ²⁾	160 / 400 h ²⁾	P43t	HAL ³⁾	H4
NIGHT BREAKER LASER H7	±10 %	12.0 mm	150 h	250 h	PX26d	HAL ³⁾	H7
NIGHT BREAKER LASER H8	±15 %	12.0 mm	250 h	400 h	PGJ19-1	HAL	H8
NIGHT BREAKER LASER H11	±10 %	12.0 mm	150 h	250 h	PGJ19-2	HAL	H11
NIGHT BREAKER LASER HB3	±12 %	12.0 mm	110 h	210 h	P20d	HAL	HB3
NIGHT BREAKER LASER HB4	±15 %	12.0 mm	270 h	500 h	P22d	HAL	HB4









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.

