

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	Electrical Data				Photometric Data
	Power input	Nominal voltage	Nominal wattage	Test voltage	Nominal luminous flux
NIGHT BREAKER LASER H1	68 W ¹⁾	12 V	55 W	13.2 V	1550 lm
NIGHT BREAKER LASER H3	68 W ¹⁾	12 V	55 W	13.2 V	1450 lm
NIGHT BREAKER LASER H4	75 / 68 W ¹⁾	12 V	60/55 W	13.2 V	1650/1000 lm
NIGHT BREAKER LASER H7	58 W ¹⁾	12 V	55 W	13.2 V	1500 lm
NIGHT BREAKER LASER H8	43 W ¹⁾	12 V	35 W	13.2 V	800 lm
NIGHT BREAKER LASER H11	62 W ¹⁾	12 V	55 W	13.2 V	1350 lm
NIGHT BREAKER LASER HB3	73 W ¹⁾	12 V	60 W	13.2 V	1700 lm
NIGHT BREAKER LASER HB4	62 W ¹⁾	12 V	51 W	13.2 V	1000 lm

Product description	Luminous flux tolerance	Physical Attributes & Dimensions		Lifetime Data		Certificates & standards
		Diameter	Diameter	Lifespan B3	Lifespan Tc	ECE category
NIGHT BREAKER LASER H1	±15 %	8.5 mm	8.5 mm	150 hr	300 hr	H1
NIGHT BREAKER LASER H3	±15 %	11.0 mm	11.0 mm	150 hr	300 hr	H3
NIGHT BREAKER LASER H4	±12 / ±15 %	13.0 mm	13.0 mm	80 / 200 hr ²⁾	160 / 400 hr ²⁾	H4
NIGHT BREAKER LASER H7	±10 %	12.0 mm	12.0 mm	150 hr	250 hr	H7
NIGHT BREAKER LASER H8	±15 %	12.0 mm	12.0 mm	250 hr	400 hr	H8
NIGHT BREAKER LASER H11	±10 %	12.0 mm	12.0 mm	150 hr	250 hr	H11
NIGHT BREAKER LASER HB3	±12 %	12.0 mm	12.0 mm	110 hr	210 hr	HB3
NIGHT BREAKER LASER HB4	±15 %	12.0 mm	12.0 mm	270 hr	500 hr	HB4

Product description	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Primary article identifier	Candidate list substance 1	Declaration no. in SCIP database
NIGHT BREAKER LASER H1	4052899991309 4062172114936 4062172388108 4052899998995 4052899990944 4052899991538 4062172114899 4052899991453 4062172256940 4062172395489 4058075141513	No declarable substances contained	No declarable substances contained

Product family datasheet

Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
Product description	Primary article identifier	Candidate list substance 1	Declaration no. in SCIP database
NIGHT BREAKER LASER H3	4052899991637 4052899999008 4052899991330 4058075141551 4062172114912 4062172388160 4062172257039	No declarable substances contained	No declarable substances contained
NIGHT BREAKER LASER H4	4062172114318 4052899991064 4052899991361 4052899593671 4062172114431 4062172395700 4052899991736 4052899578890 4052899991675 4052899991101 4052899991651 4052899998957 4062172387477	No declarable substances contained	No declarable substances contained
NIGHT BREAKER LASER H7	4052899991392 4052899991835 4052899998971 4062172387590 4052899579163 4062172114332 4052899991149 4062172395168 4052899593657 4062172114455	No declarable substances contained	No declarable substances contained
NIGHT BREAKER LASER H8	4052899991958 4052899579200 4052899998919 4062172114370 4052899998827 4062172387774	No declarable substances contained	No declarable substances contained
NIGHT BREAKER LASER H11	4062172395243 4062172131384 4052899991286 4052899991262 4052899999015 4062172114479 4062172114356 4052899991859 4052899579125 4052899991934 4062172387712 4052899991224 4052899991422 4052899991873	No declarable substances contained	No declarable substances contained

Product family datasheet

Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
Product description	Primary article identifier	Candidate list substance 1	Declaration no. in SCIP database
NIGHT BREAKER LASER HB3	4052899992078 4062172388283 4062172114394 4052899992115 4052899999022 4052899577978 4052899998858	No declarable substances contained	No declarable substances contained
NIGHT BREAKER LASER HB4	4052899577992 4062172114417 4052899999039 4052899992177 4062172258074 4052899992214 4062172388320 4052899992191 4052899998889	No declarable substances contained	No declarable substances contained

1) Maximum

2) Filament 1

Download Data

File	
	User instruction GPRS_Safety symbols instructions
	ref_pim_amsmp_product360degreeimages NIGHT BREAKER LASER next gen H1 64150NL
	ref_pim_amsmp_product360degreeimages NIGHT BREAKER LASER next gen H3 64151NL
	Movie application Night Breaker Laser H4 for VW T5: Installation Video (EN)
	ref_pim_amsmp_product360degreeimages NIGHT BREAKER LASER next gen H4 64193NL
	Movie application Night Breaker Laser H7 for BMW 1: Installation Video (EN)
	Movie application Night Breaker Laser H7 for VW Passat: Installation Video (EN)
	ref_pim_amsmp_product360degreeimages NIGHT BREAKER LASER next gen H7 64210NL
	ref_pim_amsmp_product360degreeimages NIGHT BREAKER LASER next gen H8 64212NL
	ref_pim_amsmp_product360degreeimages NIGHT BREAKER LASER H11
	ref_pim_amsmp_product360degreeimages NIGHT BREAKER LASER HB3
	ref_pim_amsmp_product360degreeimages NIGHT BREAKER LASER HB4

Legal advice

Light output compared to the minimum ECE R112/R37 requirementsH4/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.

