

## NIGHT BREAKER LASER

Halogen headlight lamps for cars



### Product family benefits

- More light allows to see farther and therefore react sooner
- Better visibility
- Modern look
- Signs, obstacles and hazards can be recognized sooner
- Premium quality made in Germany/USA

### Product family features

- Up to 150% more brightness compared to the minimum legal standard
- Up to 150 m long beam
- Up to 20% whiter light compared to the minimum legal standard
- More light performance due to innovative laser ablation technology (H4/H7/H8/H11/HB3/HB4)
- Unique design with laser-etched product name (H4/H7/H8/H11/HB3/HB4)

## Product family datasheet

### Technical data

Product description	Electrical data				Photometrical data		Dimensions & weight	Lifespan
	Power input	Nominal voltage	Nominal wattage	Test voltage	Luminous flux	Luminous flux tolerance	Diameter	Lifespan B3
64150NL	68 W <sup>2)</sup>	12.0 V	55.00 W	13.2 V	1550 lm	±15 %	9 mm	150 h
64151NL	68 W <sup>2)</sup>	12.0 V	55.00 W	13.2 V	1450 lm	±15 %	12.0 mm	150 h
64193NL	75 / 68 W <sup>2)</sup>	12.0 V	60/55 W	13.2 V	1650/1000 lm	±12 / ±15 %	13.0 mm	80 / 200 h <sup>3)</sup>
64210NL	58 W <sup>2)</sup>	12.0 V	55.00 W	13.2 V	1500 lm	±10 %	12.0 mm	150 h
64212NL <sup>1)</sup>	43 W <sup>2)</sup>	12.0 V	35.00 W	13.2 V	800 lm	±15 %	12.0 mm	250 h
64211NL	62 W <sup>2)</sup>	12.0 V	55.00 W	13.2 V	1350 lm	±10 %	12.0 mm	150 h
9005NL	73 W <sup>2)</sup>	12.0 V	60.00 W	13.2 V	1700 lm	±12 %	12.0 mm	110 h
9006NL	62 W <sup>2)</sup>	12.0 V	51.00 W	13.2 V	1000 lm	±15 %	12.0 mm	270 h

Product description	Lifespan Tc	Additional product data			Certificates & standards	Country specific categorizations
		Base (standard designation)	Application (Category and Product specific)	Product type (off-road vs. on-road)	ECE category	Order reference
64150NL	300 h	P14.5s	Halogen headlight lamp	On-road	H1	64150NL
64151NL	300 h	PK22s	Halogen headlight lamp	On-road	H3	64151NL
64193NL	160 / 400 h <sup>3)</sup>	P43t	Halogen headlight lamp	On-road	H4	64193NL
64210NL	250 h	PX26d	Halogen headlight lamp	On-road	H7	64210NL
64212NL <sup>1)</sup>	400 h	PGJ19-1	Halogen headlight lamp	On-road	H8	64212NL
64211NL	250 h	PGJ19-2	Halogen headlight lamp	On-road	H11	64211NL
9005NL	210 h	P20d	Halogen headlight lamp	On-road	HB3	9005NL
9006NL	500 h	P22d	Halogen headlight lamp	On-road	HB4	9006NL

<sup>1)</sup> Lamp complies with ECE R 37 and SAE (DOT) regulations

<sup>2)</sup> Maximum

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<sup>3)</sup> Filament 1

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### Application advice

For more detailed application information and graphics please see product datasheet.

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### Legal advice

Light output compared to the minimum ECE 112 requirements.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.