

## NIGHT BREAKER LASER

Halogen headlight lamps for cars



### Product benefits

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

### Product 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 |          |
|---------------------------|-------------------------|-----------------|-----------------|--------------|--------------------|-------------------------|---------------------|----------|
|                           | Power input             | Nominal voltage | Nominal wattage | Test voltage | Luminous flux      | Luminous flux tolerance | Length              | Diameter |
| NBL 64150NL               | 68 W <sup>2)</sup>      | 12.0 V          | 55.00 W         | 13.2 V       | 1550 lm            | ±15 %                   | 67.5 mm             | 9 mm     |
| NBL 64151NL               | 68 W <sup>2)</sup>      | 12.0 V          | 55.00 W         | 13.2 V       | 1450 lm            | ±15 %                   | 42.0 mm             | 12.0 mm  |
| NBL 64193NL               | 75 / 68 W <sup>2)</sup> | 12.0 V          | 60/55 W         | 13.2 V       | 1650/1000 lm       | ±12 / ±15 %             | 82.0 mm             | 13.0 mm  |
| NBL 64210NL               | 58 W <sup>2)</sup>      | 12.0 V          | 55.00 W         | 13.2 V       | 1500 lm            | ±10 %                   | 59.0 mm             | 12.0 mm  |
| NBL 64212NL <sup>1)</sup> | 43 W <sup>2)</sup>      | 12.0 V          | 35.00 W         | 13.2 V       | 800 lm             | ±15 %                   | 67.0 mm             | 12.0 mm  |
| NBL 64211NL               | 62 W <sup>2)</sup>      | 12.0 V          | 55.00 W         | 13.2 V       | 1350 lm            | ±10 %                   | 67.0 mm             | 12.0 mm  |
| NBL 9005NL                | 73 W <sup>2)</sup>      | 12.0 V          | 60.00 W         | 13.2 V       | 1700 lm            | ±12 %                   | 80.3 mm             | 12.0 mm  |
| NBL 9006NL                | 62 W <sup>2)</sup>      | 12.0 V          | 51.00 W         | 13.2 V       | 1000 lm            | ±15 %                   | 80.3 mm             | 12.0 mm  |

| Product description       | Lifespan                 |                           | Additional product data     | Certificates & standards | Country specific categorizations |
|---------------------------|--------------------------|---------------------------|-----------------------------|--------------------------|----------------------------------|
|                           | Lifespan B3              | Lifespan Tc               | Base (standard designation) | ECE category             | Order reference                  |
| NBL 64150NL               | 150 h                    | 300 h                     | P14.5s                      | H1                       | 64150NL-HCB 55W                  |
| NBL 64151NL               | 150 h                    | 300 h                     | PK22s                       | H3                       | 64151NL-HCB 55W                  |
| NBL 64193NL               | 80 / 200 h <sup>3)</sup> | 160 / 240 h <sup>3)</sup> | P43t                        | H4                       | 64193NL-HCB 60/                  |
| NBL 64210NL               | 150 h                    | 250 h                     | PX26d                       | H7                       | 64210NL-HCB 55W                  |
| NBL 64212NL <sup>1)</sup> | 250 h                    | 400 h                     | PGJ19-1                     | H8                       | 64212NL-HCB 35W                  |
| NBL 64211NL               | 150 h                    | 250 h                     | PGJ19-2                     | H11                      | 64211NL-HCB 55W                  |
| NBL 9005NL                | 110 h                    | 210 h                     | P20d                        | HB3                      | 9005NL-HCB 60W                   |
| NBL 9006NL                | 270 h                    | 500 h                     | P22d                        | HB4                      | 9006NL-HCB 51W                   |

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

<sup>2)</sup> Maximum

## Product family datasheet

<sup>3)</sup> Filament 1

## Product family datasheet

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### Application advice

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

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### Legal advice

Compared to minimum ECE R112/R37 requirements

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### Disclaimer

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