

## 64193NL

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 datasheet

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## Technical data

### Electrical data

Power input	75 / 68 W <sup>1)</sup>
Nominal voltage	12.0 V
Nominal wattage	60/55 W
Test voltage	13.2 V

<sup>1)</sup> Maximum

### Photometrical data

Luminous flux	1650/1000 lm
Luminous flux tolerance	±12 / ±15 %

### Dimensions & weight

Length	82.0 mm
Diameter	13.0 mm
Product weight	21.30 g

### Lifespan

Lifespan B3	80 / 200 h <sup>1)</sup>
Lifespan Tc	160 / 400 h <sup>1)</sup>

<sup>1)</sup> Filament 1 / Filament 2

### Additional product data

Base (standard designation)	P43t
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### Certificates & standards

ECE category	H4
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### Country specific categorizations

Order reference	64193NL
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## Product datasheet

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899991088	64193NL	Blister 1	135 mm x 95 mm x 51 mm	0.65 dm <sup>3</sup>	32.30 g
4052899991095	64193NL	Shipping carton box 10	335 mm x 115 mm x 146 mm	5.62 dm <sup>3</sup>	466.00 g
4052899991361	64193NL	Folding carton box 1	47 mm x 47 mm x 71 mm	0.16 dm <sup>3</sup>	29.30 g
4052899991378	64193NL	Bundle 10	- x - x -		
4052899991385	64193NL	Shipping carton box 100	485 mm x 250 mm x 160 mm	19.40 dm <sup>3</sup>	3213.00 g
4052899991675	64193NL	Hard Cover Box 2	114 mm x 48 mm x 106 mm	0.58 dm <sup>3</sup>	134.68 g
4052899991682	64193NL	Shipping carton box 20	260 mm x 242 mm x 122 mm	7.68 dm <sup>3</sup>	1572.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### Legal advice

Light output compared to the minimum ECE 112 requirements.

### Disclaimer

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