

NIGHT BREAKER LASER H1

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).

Technical data

Product information

| | |
|---|------------------------|
| Order reference | 64150NL |
| Application (Category and Product specific) | Halogen headlight lamp |

Electrical data

| | |
|-----------------|--------------------|
| Power input | 68 W ¹⁾ |
| Nominal voltage | 120 V |
| Nominal wattage | 5500 W |
| Test voltage | 13.2 V |

¹⁾ Maximum

Photometrical data

| | |
|-------------------------|---------|
| Luminous flux | 1550 lm |
| Luminous flux tolerance | ±15 % |
| Color temperature | 3200 K |

Dimensions & weight



| | |
|----------------|--------|
| Diameter | 900 mm |
| Product weight | 630 g |
| Length | 670 mm |

Lifespan

| | |
|-------------|-------|
| Lifespan B3 | 150 h |
| Lifespan Tc | 300 h |

Additional product data

| | |
|-----------------------------|--------|
| Base (standard designation) | P14.5s |
|-----------------------------|--------|

Capabilities

| | |
|------------|-----|
| Technology | HAL |
|------------|-----|

Certificates & standards

| | |
|--------------|----|
| ECE category | H1 |
|--------------|----|

Country specific categorizations

| | |
|-----------------|---------|
| Order reference | 64150NL |
|-----------------|---------|

Environmental information


| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|---|
| Date of Declaration | 20-02-2024 |
| Primary Article Identifier | 4052899991538 4052899990944 4052899991453 4058075141513 4052899991309 4052899998995 4062172114936 4062172114899 4062172159289 4062172159241 4062172256940 4052899991514 4052899990906 4062172388108 4062172395489 |
| Candidate List Substance 1 | No declarable substances contained |
| Declaration No. in SCIP database | In work |

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------------|---------------------------------|---|----------------------|--------------|
| 4052899991309 | NIGHT BREAKER LASER H1 | Folding carton box 1 | 25 mm x 23 mm x 70 mm | 0.04 dm ³ | 8.00 g |
| 4052899991316 | NIGHT BREAKER LASER H1 | Bundle 10 | 113 mm x 50 mm x 70 mm | 0.40 dm ³ | 81.00 g |
| 4052899991323 | NIGHT BREAKER LASER H1 | Shipping carton box 100 | 122 mm x 109 mm x 361 mm | 4.80 dm ³ | 905.00 g |
| 4062172114899 | NIGHT BREAKER LASER H1 | Hard Cover Box 2 | 114 mm x 48 mm x 106 mm | 0.58 dm ³ | 104.00 g |
| 4062172114905 | NIGHT BREAKER LASER H1 | Shipping carton box 10 | 268 mm x 126 mm x 125 mm | 4.22 dm ³ | 605.00 g |
| 4062172114936 | NIGHT BREAKER LASER H1 | Blister 1 | 135 mm x 95 mm x 24 mm | 0.31 dm ³ | 28.00 g |
| 4062172114943 | NIGHT BREAKER LASER H1 | Shipping carton box 10 | 225 mm x 105 mm x 145 mm | 3.43 dm ³ | 315.00 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.

Download Data

| File | |
|---|---|
|  | 360 Degree Image NIGHT BREAKER LASER next gen H1 64150NL |

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.

