Product datasheet

# NIGHT BREAKER 220 H4

## Brightest OSRAM halogen light




**Up to 220% more brightness**
More light allows to see farther and therefore react sooner compared to the minimum legal standard

**Up to 150m long beam**
Better visibility

**Gold cap**
Modern look



### The most powerful halogen light from OSRAM

Enter the next light level: With NIGHT BREAKER 220 – the brightest halogen automotive light from OSRAM! These cutting-edge headlight lamps impress with up to 220% more brightness and up to 20% whiter light compared to the minimum legal standard and generate an up to 150m long beam[1)]. More light and improved visibility can help drivers identify and react to traffic hazards more quickly. The ideal lamp for drivers who appreciate the difference that powerful automotive lighting makes. Available in H4, H7 and H11 with a new gold cap.

1) Measured in headlamps. Compared to minimum ECE R112 requirements.


© 2026, OSRAM GmbH. All rights reserved.

# Product datasheet

## Technical data

### Product information

| | |
|---|---|
| **Product type (off-road vs. on-road)** | On-road |
| **Application (Category and Product specific)** | Halogen headlight lamp |

### General Product Information

| | |
|---|---|
| **Global order reference** | 64193NB220 |

### Electrical Data

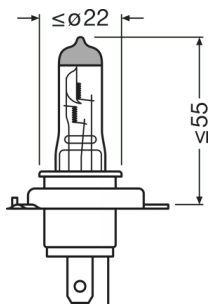
| | |
|---|---|
| **Power input** | 75 / 68 W [1)] |
| **Nominal voltage** | 12 V |
| **Nominal wattage** | 60/55 W |
| **Test voltage** | 13.2 V |

[1)] Maximum

### Photometric Data

| | |
|---|---|
| **Nominal luminous flux** | 1650/1000 lm |
| **Luminous flux tolerance** | ±12 / ±15 % |

### Physical Attributes & Dimensions




| | |
|---|---|
| **Diameter** | 13.0 mm |
| **Product weight** | 21.30 g |
| **Length** | 82.0 mm |
| **Lamp base** | P43t |

### Lifetime Data

| | |
|---|---|
| **Lifespan B3** | 80 / 200 hr [1)] |
| **Lifespan Tc** | 160 / 400 hr [1)] |


© 2026, OSRAM GmbH. All rights reserved.

[1] Filament 1 / Filament 2

## Capabilities

| | |
|---|---|
| **Technology** | HAL [1] |

[1] Halogen lamp

## Certificates & standards

| | |
|---|---|
| **ECE category** | H4 |

## Environmental & Regulatory Information

| **Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)** | |
|---|---|
| **Primary article identifier** | 4062172399449 \| 4062172399395 \| 4062172399531 \| 4062172399555 |
| **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 |
|---|---|---|---|---|---|
| 4062172399449 | NIGHT BREAKER 220 H4 | FS ECO 1 | 47 mm x 47 mm x 71 mm | 0.61 $dm^3$ | 28.00 g |
| 4062172399463 | NIGHT BREAKER 220 H4 | Shipping carton box 100 | 485 mm x 250 mm x 160 mm | 19.40 $dm^3$ | 3095.00 g |
| 4062172399555 | NIGHT BREAKER 220 H4 | HFB ECO 2 | 100 mm x 51 mm x 120 mm | 0.61 $dm^3$ | 72.00 g |
| 4062172399562 | NIGHT BREAKER 220 H4 | Shipping carton box 10 | 266 mm x 111 mm x 134 mm | 3.96 $dm^3$ | 437.00 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 |
|---|---|
| | User instruction<br>GPRS_Safety symbols instructions |
| | Addon Technical Information<br>Product Certificates HAL |

**Legal advice**
Light output compared to the minimum ECE R112/R37 requirements


© 2026, OSRAM GmbH. All rights reserved.

**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.

OSRAM


© 2026, OSRAM GmbH. All rights reserved.