

# NIGHT BREAKER LASER

Halogen light with excellent brightness



亮度提升高达**150%**  
照射距离更远，驾驶人员可以反应更迅速，与最低法律标准相比



照路距离高达**150米**  
具有更高能见度



色温提升可达**20%**  
时尚外观，与最低法律标准相比



## 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).

产品系列数据表

技术参数

| 产品描述                    | Product information |                                             | 电参数                     |        |         |        | 光度数据         |
|-------------------------|---------------------|---------------------------------------------|-------------------------|--------|---------|--------|--------------|
|                         | Order reference     | Application (Category and Product specific) | 功率输入                    | 标称电压   | 标称功率    | 测试电压   | 光通量          |
| NIGHT BREAKER LASER H1  | 64150NL             | Halogen headlight lamp                      | 68 W <sup>1)</sup>      | 12.0 V | 55.00 W | 13.2 V | 1550 lm      |
| NIGHT BREAKER LASER H3  | 64151NL             | Halogen headlight lamp                      | 68 W <sup>1)</sup>      | 12.0 V | 55.00 W | 13.2 V | 1450 lm      |
| NIGHT BREAKER LASER H4  | 64193NL             | Halogen headlight lamp                      | 75 / 68 W <sup>1)</sup> | 12.0 V | 60/55 W | 13.2 V | 1650/1000 lm |
| NIGHT BREAKER LASER H7  | 64210NL             | Halogen headlight lamp                      | 58 W <sup>1)</sup>      | 12.0 V | 55.00 W | 13.2 V | 1500 lm      |
| NIGHT BREAKER LASER H8  | 64212NL             | Halogen headlight lamp                      | 43 W <sup>1)</sup>      | 12.0 V | 35.00 W | 13.2 V | 800 lm       |
| NIGHT BREAKER LASER H11 | 64211NL             | Halogen headlight lamp                      | 62 W <sup>1)</sup>      | 12.0 V | 55.00 W | 13.2 V | 1350 lm      |
| NIGHT BREAKER LASER HB3 | 9005NL              | Halogen headlight lamp                      | 73 W <sup>1)</sup>      | 12.0 V | 60.00 W | 13.2 V | 1700 lm      |
| NIGHT BREAKER LASER HB4 | 9006NL              | Halogen headlight lamp                      | 62 W <sup>1)</sup>      | 12.0 V | 51.00 W | 13.2 V | 1000 lm      |

| 产品描述                    | 光通量容许偏差     | 尺寸和重量   | 寿命                       |                           | 功能                | 认证与标准  |
|-------------------------|-------------|---------|--------------------------|---------------------------|-------------------|--------|
|                         |             | 直径      | Lifespan B3              | 使用寿命 Tc                   | Technology        | ECE 分类 |
| NIGHT BREAKER LASER H1  | ±15 %       | 9 mm    | 150 h                    | 300 h                     | HAL               | H1     |
| NIGHT BREAKER LASER H3  | ±15 %       | 12.0 mm | 150 h                    | 300 h                     | HAL               | H3     |
| NIGHT BREAKER LASER H4  | ±12 / ±15 % | 13.0 mm | 80 / 200 h <sup>2)</sup> | 160 / 400 h <sup>2)</sup> | HAL <sup>3)</sup> | H4     |
| NIGHT BREAKER LASER H7  | ±10 %       | 12.0 mm | 150 h                    | 250 h                     | HAL <sup>3)</sup> | H7     |
| NIGHT BREAKER LASER H8  | ±15 %       | 12.0 mm | 250 h                    | 400 h                     | HAL               | H8     |
| NIGHT BREAKER LASER H11 | ±10 %       | 12.0 mm | 150 h                    | 250 h                     | HAL               | H11    |
| NIGHT BREAKER LASER HB3 | ±12 %       | 12.0 mm | 110 h                    | 210 h                     | HAL               | HB3    |
| NIGHT BREAKER LASER HB4 | ±15 %       | 12.0 mm | 270 h                    | 500 h                     | HAL               | HB4    |

产品系列数据表

| Environmental information                                             |                     |                                                                                                                                                                                                                                                                                         |                                    |                                  |
|-----------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                     |                                                                                                                                                                                                                                                                                         |                                    |                                  |
| 产品描述                                                                  | Date of Declaration | Primary Article Identifier                                                                                                                                                                                                                                                              | Candidate List Substance 1         | Declaration No. in SCIP database |
| NIGHT BREAKER LASER H1                                                | 21-06-2024          | 4052899991538  <br>4052899990944  <br>4052899991453  <br>4058075141513  <br>4052899991309  <br>4052899998995  <br>4062172114936  <br>4062172114899  <br>4062172159289  <br>4062172159241  <br>4062172256940  <br>4052899991514  <br>4052899990906  <br>4062172388108  <br>4062172395489 | No declarable substances contained | In work                          |
| NIGHT BREAKER LASER H3                                                | 08-03-2024          | 4052899991637  <br>4052899991576  <br>4052899991552  <br>4052899991330  <br>4058075141551  <br>4052899999008  <br>4062172114912  <br>4062172159265  <br>4062172257039  <br>4052899991613  <br>4052899991590  <br>4052899991002  <br>4052899990982  <br>4062172388160                    | No declarable substances contained | In work                          |
| NIGHT BREAKER LASER H4                                                | 08-03-2024          | 4052899991736  <br>4052899991101  <br>4052899991675  <br>4052899991651  <br>4052899991064  <br>4052899578890  <br>4052899991361  <br>4052899998957  <br>4052899593671  <br>4062172114431  <br>4062172114318  <br>4052899991712  <br>4062172387477  <br>4062172395700  <br>4052899991125 | No declarable substances contained | In work                          |

产品系列数据表

| 产品描述                    | Environmental information                                             |                                                                                                                                                                                                                                                               |                                    |                                  |
|-------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|
|                         | Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                                                                                                                                                                               |                                    |                                  |
| 产品描述                    | Date of Declaration                                                   | Primary Article Identifier                                                                                                                                                                                                                                    | Candidate List Substance 1         | Declaration No. in SCIP database |
| NIGHT BREAKER LASER H7  | 06-03-2024                                                            | 4052899991774   4052899991149   4052899579163   4052899991392   4052899991835   4052899998971   4052899593657   4062172114455   4062172114332   4052899991163   4052899991200   4052899991811   4062172387248   4062172387590   4062172395168                 | No declarable substances contained | In work                          |
| NIGHT BREAKER LASER H8  | 06-03-2024                                                            | 4052899991958   4052899579200   4052899998827   4052899998919   4062172114370   4052899992016   4062172387774                                                                                                                                                 | No declarable substances contained | In work                          |
| NIGHT BREAKER LASER H11 | 06-03-2024                                                            | 4052899991873   4052899991224   4052899579125   4052899991422   4052899991934   4052899991286   4052899991262   4052899999015   4062172114479   4062172114356   4062172131384   4052899991859   4052899991910   4062172387712   4052899991897   4062172395243 | No declarable substances contained | In work                          |
| NIGHT BREAKER LASER HB3 | 06-03-2024                                                            | 4052899999022   4052899992115   4052899992078   4052899992054   4052899992030   4052899998858   4052899577978   4062172114394   4052899992092   4062172388283                                                                                                 | No declarable substances contained | In work                          |

产品系列数据表

| 产品描述                    | Environmental information                                             |                                                                                                                                                                                                             |                                    |                                  |
|-------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|
|                         | Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                                                                                                                             |                                    |                                  |
|                         | Date of Declaration                                                   | Primary Article Identifier                                                                                                                                                                                  | Candidate List Substance 1         | Declaration No. in SCIP database |
| NIGHT BREAKER LASER HB4 | 06-03-2024                                                            | 4052899999039  <br>4052899992214  <br>4052899992191  <br>4052899992177  <br>4052899992153  <br>4052899998889  <br>4052899577992  <br>4062172114417  <br>4062172258074  <br>4052899992139  <br>4062172388320 | No declarable substances contained | In work                          |

1) 最大  
2) 灯丝1  
3) Halogen lamp

产品系列数据表

下载数据

| 文件                                                                                |                                                             |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------|
|  | 360 Degree Image<br>NIGHT BREAKER LASER next gen H1 64150NL |
|  | 360 Degree Image<br>NIGHT BREAKER LASER next gen H3 64151NL |
|  | 360 Degree Image<br>NIGHT BREAKER LASER next gen H4 64193NL |
|  | 360 Degree Image<br>NIGHT BREAKER LASER next gen H7 64210NL |
|  | 360 Degree Image<br>NIGHT BREAKER LASER next gen H8 64212NL |
|  | 360 Degree Image<br>NIGHT BREAKER LASER H11                 |
|  | 360 Degree Image<br>NIGHT BREAKER LASER HB3                 |
|  | 360 Degree Image<br>NIGHT BREAKER LASER HB4                 |

法律建议

Light output compared to the minimum ECE R112/R37 requirements

H4/H7/H8/H11/HB3/HB4

应用建议

更多详细应用信息和图形,请参阅产品数据表。

免责声明

更改恕不另行通知。遗漏错误不承担任何责任。总是确保使用最新的信息。

