

## ORIGINAL LINE

Original spare part



### The cost-effective original spare parts

OSRAM ORIGINAL LINE halogen lamps offer convincing performance for standard requirements, are robust and cost-effective. They have already been successfully used in millions of new cars from renowned manufacturers, whether as standard initial equipment or original spare parts. Convince yourself of the excellent value for money, the reliable OEM quality and the wide product range of the ORIGINAL LINE.

Product family datasheet

Technical data

| Product description  | Electrical Data         |                 |                 |              | Photometric Data      |
|----------------------|-------------------------|-----------------|-----------------|--------------|-----------------------|
|                      | Power input             | Nominal voltage | Nominal wattage | Test voltage | Nominal luminous flux |
| ORIGINAL LINE H1     | 68 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1550 lm               |
| ORIGINAL LINE H2     | 68 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1800 lm               |
| ORIGINAL LINE H3     | 68 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1450 lm               |
| ORIGINAL LINE H4     | 75 / 68 W <sup>1)</sup> | 12 V            | 60/55 W         | 13.2 V       | 1650/1000 lm          |
| ORIGINAL LINE H7     | 58 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1500 lm               |
| ORIGINAL LINE H8     | 43 W <sup>1)</sup>      | 12 V            | 35 W            | 13.2 V       | 800 lm                |
| ORIGINAL LINE H8B    | 43 W <sup>1)</sup>      | 12 V            | 35 W            | 13.2 V       | 800 lm                |
| ORIGINAL LINE H9     | 73 W <sup>1)</sup>      | 12 V            | 65 W            | 13.2 V       | 2100 lm               |
| ORIGINAL LINE H9B    | 73 W <sup>1)</sup>      | 12 V            | 65 W            | 13.2 V       | 2100 lm               |
| ORIGINAL LINE H11    | 62 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1350 lm               |
| ORIGINAL LINE H11B   | 62 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1350 lm               |
| ORIGINAL LINE H13    | 75 / 68 W <sup>1)</sup> | 12 V            | 60/55 W         | 13.2 V       | 1500/1000 lm          |
| ORIGINAL LINE H15    | 19 / 64 W <sup>1)</sup> | 12 V            | 15/55 W         | 13.2 V       | 260/1350 lm           |
| ORIGINAL LINE H16    | 26 W <sup>1)</sup>      | 12 V            | 19 W            | 13.2 V       | 500 lm                |
| ORIGINAL LINE H27W/1 | 31 W <sup>1)</sup>      | 12 V            | 27 W            | 13.5 V       | 450 lm                |
| ORIGINAL LINE H27W/2 | 31 W <sup>1)</sup>      | 12 V            | 27 W            | 13.5 V       | 450 lm                |
| ORIGINAL LINE HB3    | 73 W <sup>1)</sup>      | 12 V            | 60 W            | 13.2 V       | 1700 lm               |
| ORIGINAL LINE HB3A   | 73 W <sup>1)</sup>      | 12 V            | 60 W            | 13.2 V       | 1860 lm               |
| ORIGINAL LINE HB4    | 62 W <sup>1)</sup>      | 12 V            | 51 W            | 13.2 V       | 1000 lm               |
| ORIGINAL LINE HB1    | 70 / 50 W <sup>1)</sup> | 12.8 V          | 65/45 W         | 12.8 V       | 700 lm                |
| ORIGINAL LINE R2     | 57 / 51 W <sup>1)</sup> | 12 V            | 45/40 W         | 13.2 V       | 1030/675 lm           |
| ORIGINAL LINE HIR1   | 70 W <sup>1)</sup>      | 13.2 V          | 65 W            | 13.2 V       | 2500 lm               |
| ORIGINAL LINE HIR2   | 60 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1875 lm               |
| ORIGINAL LINE H10    | 50 W <sup>1)</sup>      | 12 V            | 42 W            | 13.2 V       | 850 lm                |
| ORIGINAL LINE HB4    | 62 W <sup>1)</sup>      | 12 V            | 51 W            | 13.2 V       | 1095 lm               |
| ORIGINAL LINE H18    | 69 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1700 lm               |
| ORIGINAL LINE H19    | 72 / 68 W <sup>1)</sup> | 12 V            | 60/55 W         | 13.2 V       | 1750/1200 lm          |

Product family datasheet

|                     |                         | Physical Attributes & Dimensions | Lifetime Data |             | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)                                                                                                                                                                                                              |
|---------------------|-------------------------|----------------------------------|---------------|-------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product description | Luminous flux tolerance | Diameter                         | Lifespan B3   | Lifespan Tc | ECE category             | Primary article identifier                                                                                                                                                                                                                                                                                    |
| ORIGINAL LINE H1    | ±15 %                   | 8.5 mm                           | 400 hr        | 650 hr      | H1                       | 4008321022240   4062172285056   4050300892474   4058075021891   4062172395380   4050300001487   4008321380593   4062172341400   4008321675460   4008321302748   4062172216470   4050300925264   4052899412026                                                                                                 |
| ORIGINAL LINE H2    | ±15 %                   | 9 mm                             | 90 hr         | 250 hr      | H2                       | 4050300016559                                                                                                                                                                                                                                                                                                 |
| ORIGINAL LINE H3    | ±15 %                   | 11.5 mm                          | 400 hr        | 650 hr      | H3                       | 4062172395540   4062172027311   4062172113748   4058075021914   4052899387195   4062172285872   4062172131896   4008321014399   4050300001494   4050300271729   4062172117012   4062172163880   4050300925349   4052899412040   4008321006288   4062172343763   4050300839578   4050300211190   4052899563247 |

Product family datasheet

|                     |                         | Physical Attributes & Dimensions | Lifetime Data              |                            | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)                                                                                                                                                                                                                                              |
|---------------------|-------------------------|----------------------------------|----------------------------|----------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product description | Luminous flux tolerance | Diameter                         | Lifespan B3                | Lifespan Tc                | ECE category             | Primary article identifier                                                                                                                                                                                                                                                                                                                    |
| ORIGINAL LINE H4    | ±15 % / ±15 %           | 16.5 mm                          | 250 / 400 hr <sup>2)</sup> | 500 / 900 hr <sup>2)</sup> | H4                       | 4008321856173   4052899487215   4052899411746   4006584818075   4052899411869   4050300937731   4062172395601   4062172419949   4050300001470   4062172119238   4008321871855   4050300300993   4008321023919   4050300212043   4062172034432   4008321508768   4062172065740   4052899475960   4050300424415   4050300925127   4008321130563 |
| ORIGINAL LINE H7    | ±10 %                   | 12.0 mm                          | 330 hr                     | 550 hr                     | H7                       | 4052899593589   4050300722726   4052899411821   4050300332185   4050300459363   4052899408173   4052899277557   4050300479903   4008321642493   4062172395014   4062172419963   4050300925202   4052899475908   4008321023513   4008321006226                                                                                                 |

Product family datasheet

|                     |                         | Physical Attributes & Dimensions | Lifetime Data               |                             | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)                                                                                                                                                              |
|---------------------|-------------------------|----------------------------------|-----------------------------|-----------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product description | Luminous flux tolerance | Diameter                         | Lifespan B3                 | Lifespan Tc                 | ECE category             | Primary article identifier                                                                                                                                                                                                                                    |
| ORIGINAL LINE H8    | ±15 %                   | 12.0 mm                          | 400 hr                      | 800 hr                      | H8                       | 4062172051552   4050300602264   4062172395281   4050300602288   4052899364196   4062172130998   4052899411906   4008321168467   4008321514363   4008321872371   4062172057363   4062172189187   4050300498751   4008321770059   4050300642697   4052899262478 |
| ORIGINAL LINE H8B   | ±15 %                   | 12.0 mm                          | 400 hr                      | 800 hr                      | H8B                      | 4008321065643   4008321055422                                                                                                                                                                                                                                 |
| ORIGINAL LINE H9    | ±10 %                   | 12.0 mm                          | 250 hr                      | 500 hr                      | H9                       | 4050300524368   4052899449336   4052899565296   4050300642758   4050300602301   4050300602325   4052899589513   4062172051637                                                                                                                                 |
| ORIGINAL LINE H9B   | ±10 %                   | 12.0 mm                          | 250 hr                      | 500 hr                      | H9B                      | 4008321065681   4008321055477                                                                                                                                                                                                                                 |
| ORIGINAL LINE H11   | ±10 %                   | 12.0 mm                          | 350 hr                      | 580 hr                      | H11                      | 4050300524313   4052899475984   4052899263338   4062172083027   4062172395229   4008321171252   4062172182898                                                                                                                                                 |
| ORIGINAL LINE H11B  | ±10 %                   | 12.0 mm                          | 350 hr                      | 580 hr                      | H11B                     | 4008321054654                                                                                                                                                                                                                                                 |
| ORIGINAL LINE H13   | ±15 / ±15 %             | 16.0 mm                          | 170 / 1290 hr <sup>2)</sup> | 350 / 2590 hr <sup>2)</sup> | H13                      | 4052899521957   4008321939401   4062172399005                                                                                                                                                                                                                 |
| ORIGINAL LINE H15   | ±10 / ±10 %             | 13.0 mm                          | 2000 / 250 hr <sup>2)</sup> | 4000 / 500 hr <sup>2)</sup> | H15                      | 4008321242068   4008321218391   4008321242044                                                                                                                                                                                                                 |

Product family datasheet

|                      |                         | Physical Attributes & Dimensions | Lifetime Data              |                             | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)                                              |
|----------------------|-------------------------|----------------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Product description  | Luminous flux tolerance | Diameter                         | Lifespan B3                | Lifespan Tc                 | ECE category             | Primary article identifier                                                                                                                    |
| ORIGINAL LINE H16    | +10 %...15 %            | 9.5 mm                           | 1115 hr                    | 2000 hr                     | H16                      | 4052899589599   4062172051972   4008321626851   4008321626783   4008321626837   4052899403819   4062172421317   4052899561861                 |
| ORIGINAL LINE H27W/1 | ±15 %                   | 9 mm                             |                            |                             | H27W/1                   | 4062172376150   4008321542977   4062172376181                                                                                                 |
| ORIGINAL LINE H27W/2 | ±15 %                   | 10.0 mm                          |                            |                             | H27W/2                   | 4062172376242   4008321543004   4062172376211                                                                                                 |
| ORIGINAL LINE HB3    | ±12 %                   | 12.0 mm                          | 280 hr                     | 550 hr                      | HB3                      | 4008321171214   4052899408562   4062172404662   4050300137193   4008321166937   4008321021083   4062172395304   4008321021014   4008321795298 |
| ORIGINAL LINE HB3A   | ±12 %                   | 12.0 mm                          | 280 hr                     | 550 hr                      | HB3A                     | 0046135320408   4052899982567                                                                                                                 |
| ORIGINAL LINE HB4    | ±15 %                   | 12.0 mm                          | 1200 hr                    | 2590 hr                     | HB4                      | 4062172231237   4008321171238   4062172395328   4008321795274   4062172404686   4050300012650                                                 |
| ORIGINAL LINE HB1    | ±10 / ±10 %             | 16.0 mm                          | 150 hr                     | 320 hr <sup>3)</sup>        | HB1                      | 4052899232013   4008321166982                                                                                                                 |
| ORIGINAL LINE R2     | ±15 %                   | 17.0 mm                          | 250 / 400 hr <sup>2)</sup> | 500 / 1200 hr <sup>2)</sup> | R2                       | 4062172156387   4052899411944   4062172069700   4050300925400                                                                                 |
| ORIGINAL LINE HIR1   | ±15 %                   | 11.3 mm                          | 220 hr                     | 300 hr                      | HIR1                     | 4008321863966                                                                                                                                 |

Product family datasheet

|                     |                         | Physical Attributes & Dimensions | Lifetime Data |               | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)                                                              |
|---------------------|-------------------------|----------------------------------|---------------|---------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product description | Luminous flux tolerance | Diameter                         | Lifespan B3   | Lifespan Tc   | ECE category             | Primary article identifier                                                                                                                                    |
| ORIGINAL LINE HIR2  | ±15 %                   | 12.1 mm                          | 500 hr        | 870 hr        | HIR2                     | 4062172395342   4062172412803   4062172189156   4062172386999   4062172384186   4008321863997   4062172294720   4062172372251   4062172404501   4062172422536 |
| ORIGINAL LINE H10   | ±15 %                   | 12.0 mm                          | 860 hr        | 1720 hr       | H10                      | 4052899348622                                                                                                                                                 |
| ORIGINAL LINE HB4   | ±15 %                   | 12.0 mm                          | 860 hr        | 1720 hr       | HB4A                     | 4008321554284                                                                                                                                                 |
| ORIGINAL LINE H18   | ±8 %                    | 12.0 mm                          | 700 hr        | 1100 hr       | H18                      | 4052899327078   4052899479968                                                                                                                                 |
| ORIGINAL LINE H19   | ±10 %                   | 13.0 mm                          | 300 / 800 hr  | 600 / 1600 hr | H19                      | 4052899507869   4052899599017                                                                                                                                 |

| Product description | Candidate list substance 1         | Declaration no. in SCIP database   |
|---------------------|------------------------------------|------------------------------------|
| ORIGINAL LINE H1    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H2    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H3    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H4    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H7    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H8    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H8B   | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H9    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H9B   | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H11   | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H11B  | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H13   | No declarable substances contained | No declarable substances contained |

Product family datasheet

| Product description  | Candidate list<br>substance 1         | Declaration no. in<br>SCIP database   |
|----------------------|---------------------------------------|---------------------------------------|
| ORIGINAL LINE H15    | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE H16    | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE H27W/1 | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE H27W/2 | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE HB3    | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE HB3A   | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE HB4    | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE HB1    | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE R2     | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE HIR1   | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE HIR2   | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE H10    | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE HB4    | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE H18    | No declarable<br>substances contained | No declarable<br>substances contained |
| ORIGINAL LINE H19    | No declarable<br>substances contained | No declarable<br>substances contained |

1) Maximum  
2) Filament 1  
3) B50 = average lifespanExplanation:1-filament lamp e. g. 100 2-filament lamp e. g. 100/300

Product family datasheet

Download Data

| File                                                                                |                                                                     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|
|    | User instruction<br>GPRS_Safety symbols instructions                |
|    | Addon Technical Information<br>Product Certificates HAL             |
|    | ref_pim_amsproduct360degreeimages<br>ORIGINAL H1 64150              |
|    | Addon Technical Information<br>Certificate overview OSRAM Argentina |
|    | ref_pim_amsproduct360degreeimages<br>ORIGINAL H2 64173              |
|    | ref_pim_amsproduct360degreeimages<br>ORIGINAL H3 64151              |
|    | ref_pim_amsproduct360degreeimages<br>ORIGINAL H4 64193              |
|    | ref_pim_amsproduct360degreeimages<br>ORIGINAL H7 64210              |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL H8 64212              |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL H9 64213              |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL H11 64211             |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL H13 9008              |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL H15 64176             |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL HB3 9005              |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL HB3A 9005XS           |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL HB4 9006              |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL R2 64183              |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL HIR1 9011             |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL HIR2 9012             |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL H10 9145              |
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL HB4A 9006XS           |

|                                                                                   |                                                          |
|-----------------------------------------------------------------------------------|----------------------------------------------------------|
|  | ref_pim_amsproduct360degreeimages<br>ORIGINAL H18 64180L |
|-----------------------------------------------------------------------------------|----------------------------------------------------------|

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.

