

# 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 information                         | General Product Information | Electrical Data         |                 |                 |
|----------------------|---------------------------------------------|-----------------------------|-------------------------|-----------------|-----------------|
| Product description  | Application (Category and Product specific) | Global order reference      | Power input             | Nominal voltage | Nominal wattage |
| ORIGINAL LINE H1     | Halogen headlight lamp                      | 64150                       | 68 W <sup>1)</sup>      | 12 V            | 55 W            |
| ORIGINAL LINE H2     | Halogen headlight lamp                      | 64173                       | 68 W <sup>1)</sup>      | 12 V            | 55 W            |
| ORIGINAL LINE H3     | Halogen headlight lamp                      | 64151                       | 68 W <sup>1)</sup>      | 12 V            | 55 W            |
| ORIGINAL LINE H4     | Halogen headlight lamp                      | 64193                       | 75 / 68 W <sup>1)</sup> | 12 V            | 60/55 W         |
| ORIGINAL LINE H7     | Halogen headlight lamp                      | 64210                       | 58 W <sup>1)</sup>      | 12 V            | 55 W            |
| ORIGINAL LINE H8     | Halogen headlight lamp                      | 64212                       | 43 W <sup>1)</sup>      | 12 V            | 35 W            |
| ORIGINAL LINE H8B    | Halogen headlight lamp                      | 64242                       | 43 W <sup>1)</sup>      | 12 V            | 35 W            |
| ORIGINAL LINE H9     | Halogen headlight lamp                      | 64213                       | 73 W <sup>1)</sup>      | 12 V            | 65 W            |
| ORIGINAL LINE H9B    | Halogen headlight lamp                      | 64243                       | 73 W <sup>1)</sup>      | 12 V            | 65 W            |
| ORIGINAL LINE H11    | Halogen headlight lamp                      | 64211                       | 62 W <sup>1)</sup>      | 12 V            | 55 W            |
| ORIGINAL LINE H11B   | Halogen headlight lamp                      | 64241                       | 62 W <sup>1)</sup>      | 12 V            | 55 W            |
| ORIGINAL LINE H13    | Halogen headlight lamp                      | 9008                        | 75 / 68 W <sup>1)</sup> | 12 V            | 60/55 W         |
| ORIGINAL LINE H15    | Halogen headlight lamp                      | 64176                       | 19 / 64 W <sup>1)</sup> | 12 V            | 15/55 W         |
| ORIGINAL LINE H16    | Halogen headlight lamp                      | 64219L+                     | 26 W <sup>1)</sup>      | 12 V            | 19 W            |
| ORIGINAL LINE H27W/1 | Halogen headlight lamp                      | 880                         | 31 W <sup>1)</sup>      | 12 V            | 27 W            |
| ORIGINAL LINE H27W/2 | Halogen headlight lamp                      | 881                         | 31 W <sup>1)</sup>      | 12 V            | 27 W            |
| ORIGINAL LINE HB3    | Halogen headlight lamp                      | 9005                        | 73 W <sup>1)</sup>      | 12 V            | 60 W            |
| ORIGINAL LINE HB3A   | Halogen headlight lamp                      | 9005XS                      | 73 W <sup>1)</sup>      | 12 V            | 60 W            |
| ORIGINAL LINE HB4    | Halogen headlight lamp                      | 9006                        | 62 W <sup>1)</sup>      | 12 V            | 51 W            |
| ORIGINAL LINE HB1    | Halogen headlight lamp                      | 9004                        | 70 / 50 W <sup>1)</sup> | 12.8 V          | 65/45 W         |
| ORIGINAL LINE R2     | Halogen headlight lamp                      | 64183                       | 57 / 51 W <sup>1)</sup> | 12 V            | 45/40 W         |
| ORIGINAL LINE HIR1   | Halogen headlight lamp                      | 9011                        | 70 W <sup>1)</sup>      | 13.2 V          | 65 W            |

Product family datasheet

|                     | Product information                         | General Product Information | Electrical Data         |                 |                 |
|---------------------|---------------------------------------------|-----------------------------|-------------------------|-----------------|-----------------|
| Product description | Application (Category and Product specific) | Global order reference      | Power input             | Nominal voltage | Nominal wattage |
| ORIGINAL LINE HIR2  | Halogen headlight lamp                      | 9012                        | 60 W <sup>1)</sup>      | 12 V            | 55 W            |
| ORIGINAL LINE H10   | Halogen headlight lamp                      | 9145                        | 50 W <sup>1)</sup>      | 12 V            | 42 W            |
| ORIGINAL LINE HB4   | Halogen headlight lamp                      | 9006XS                      | 62 W <sup>1)</sup>      | 12 V            | 51 W            |
| ORIGINAL LINE H18   | Halogen headlight lamp                      | 64180L                      | 69 W <sup>1)</sup>      | 12 V            | 55 W            |
| ORIGINAL LINE H19   | Halogen headlight lamp                      | 64181L                      | 72 / 68 W <sup>1)</sup> | 12 V            | 60/55 W         |

| Product description  | Test voltage | Photometric Data      |                         | Physical Attributes & Dimensions |          |
|----------------------|--------------|-----------------------|-------------------------|----------------------------------|----------|
|                      |              | Nominal luminous flux | Luminous flux tolerance | Diameter                         | Diameter |
| ORIGINAL LINE H1     | 13.2 V       | 1550 lm               | ±15 %                   | 8.5 mm                           | 8.5 mm   |
| ORIGINAL LINE H2     | 13.2 V       | 1800 lm               | ±15 %                   | 9 mm                             | 9 mm     |
| ORIGINAL LINE H3     | 13.2 V       | 1450 lm               | ±15 %                   | 11.5 mm                          | 11.5 mm  |
| ORIGINAL LINE H4     | 13.2 V       | 1650/1000 lm          | ±15 % / ±15 %           | 16.5 mm                          | 16.5 mm  |
| ORIGINAL LINE H7     | 13.2 V       | 1500 lm               | ±10 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H8     | 13.2 V       | 800 lm                | ±15 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H8B    | 13.2 V       | 800 lm                | ±15 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H9     | 13.2 V       | 2100 lm               | ±10 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H9B    | 13.2 V       | 2100 lm               | ±10 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H11    | 13.2 V       | 1350 lm               | ±10 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H11B   | 13.2 V       | 1350 lm               | ±10 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H13    | 13.2 V       | 1500/1000 lm          | ±15 / ±15 %             | 16.0 mm                          | 16.0 mm  |
| ORIGINAL LINE H15    | 13.2 V       | 260/1350 lm           | ±10 / ±10 %             | 13.0 mm                          | 13.0 mm  |
| ORIGINAL LINE H16    | 13.2 V       | 500 lm                | +10 %...15 %            | 9.5 mm                           | 9.5 mm   |
| ORIGINAL LINE H27W/1 | 13.5 V       | 450 lm                | ±15 %                   | 9 mm                             | 9 mm     |
| ORIGINAL LINE H27W/2 | 13.5 V       | 450 lm                | ±15 %                   | 10.0 mm                          | 10.0 mm  |
| ORIGINAL LINE HB3    | 13.2 V       | 1700 lm               | ±12 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE HB3A   | 13.2 V       | 1860 lm               | ±12 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE HB4    | 13.2 V       | 1000 lm               | ±15 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE HB1    | 12.8 V       | 700 lm                | ±10 / ±10 %             | 16.0 mm                          | 16.0 mm  |
| ORIGINAL LINE R2     | 13.2 V       | 1030/675 lm           | ±15 %                   | 17.0 mm                          | 17.0 mm  |
| ORIGINAL LINE HIR1   | 13.2 V       | 2500 lm               | ±15 %                   | 11.3 mm                          | 11.3 mm  |
| ORIGINAL LINE HIR2   | 13.2 V       | 1875 lm               | ±15 %                   | 12.1 mm                          | 12.1 mm  |
| ORIGINAL LINE H10    | 13.2 V       | 850 lm                | ±15 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE HB4    | 13.2 V       | 1095 lm               | ±15 %                   | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H18    | 13.2 V       | 1700 lm               | ±8 %                    | 12.0 mm                          | 12.0 mm  |
| ORIGINAL LINE H19    | 13.2 V       | 1750/1200 lm          | ±10 %                   | 13.0 mm                          | 13.0 mm  |

Product family datasheet

|                     | Lifetime Data |             | Capabilities | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)                                                                                                                                                                                                                                                                    |
|---------------------|---------------|-------------|--------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product description | Lifespan B3   | Lifespan Tc | Technology   | ECE category             | Primary article identifier                                                                                                                                                                                                                                                                                                                                          |
| ORIGINAL LINE H1    | 400 hr        | 650 hr      | HAL          | H1                       | 4008321022240  <br>4062172285056  <br>4050300892474  <br>4058075021891  <br>4062172395380  <br>4050300001487  <br>4008321380593  <br>4062172341400  <br>4008321675460  <br>4008321302748  <br>4062172216470  <br>4050300925264  <br>4052899412026                                                                                                                   |
| ORIGINAL LINE H2    | 90 hr         | 250 hr      | HAL          | H2                       | 4050300016559                                                                                                                                                                                                                                                                                                                                                       |
| ORIGINAL LINE H3    | 400 hr        | 650 hr      | HAL          | H3                       | 4062172395540  <br>4062172027311  <br>4062172113748  <br>4058075021914  <br>4052899387195  <br>4062172285872  <br>4062172131896  <br>4008321014399  <br>4050300001494  <br>4050300271729  <br>4062172117012  <br>4062172163880  <br>4050300925349  <br>4052899412040  <br>4008321006288  <br>4062172343763  <br>4050300839578  <br>4050300211190  <br>4052899563247 |

Product family datasheet

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

Product family datasheet

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

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|                      | Lifetime Data              |                             | Capabilities | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)                                                                      |
|----------------------|----------------------------|-----------------------------|--------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product description  | Lifespan B3                | Lifespan Tc                 | Technology   | ECE category             | Primary article identifier                                                                                                                                            |
| ORIGINAL LINE H16    | 1115 hr                    | 2000 hr                     | HAL          | H16                      | 4052899589599  <br>4062172051972  <br>4008321626851  <br>4008321626783  <br>4008321626837  <br>4052899403819  <br>4052899561861                                       |
| ORIGINAL LINE H27W/1 |                            |                             | Halogen lamp | H27W/1                   | 4062172376150  <br>4008321542977  <br>4062172376181                                                                                                                   |
| ORIGINAL LINE H27W/2 |                            |                             | HAL          | H27W/2                   | 4062172376242  <br>4008321543004  <br>4062172376211                                                                                                                   |
| ORIGINAL LINE HB3    | 280 hr                     | 550 hr                      | HAL          | HB3                      | 4008321171214  <br>4052899408562  <br>4062172404662  <br>4050300137193  <br>4008321166937  <br>4008321021083  <br>4062172395304  <br>4008321021014  <br>4008321795298 |
| ORIGINAL LINE HB3A   | 280 hr                     | 550 hr                      | HAL          | HB3A                     | 0046135320408  <br>4052899982567                                                                                                                                      |
| ORIGINAL LINE HB4    | 1200 hr                    | 2590 hr                     | HAL          | HB4                      | 4062172231237  <br>4008321171238  <br>4062172395328  <br>4008321795274  <br>4062172404686  <br>4050300012650                                                          |
| ORIGINAL LINE HB1    | 150 hr                     | 320 hr <sup>3)</sup>        | HAL          | HB1                      | 4052899232013  <br>4008321166982                                                                                                                                      |
| ORIGINAL LINE R2     | 250 / 400 hr <sup>2)</sup> | 500 / 1200 hr <sup>2)</sup> | HAL          | R2                       | 4062172156387  <br>4052899411944  <br>4062172069700  <br>4050300925400                                                                                                |
| ORIGINAL LINE HIR1   | 220 hr                     | 300 hr                      | HAL          | HIR1                     | 4008321863966                                                                                                                                                         |
| ORIGINAL LINE HIR2   | 500 hr                     | 870 hr                      | HAL          | HIR2                     | 4062172395342  <br>4062172412803  <br>4062172189156  <br>4062172386999  <br>4062172384186  <br>4008321863997  <br>4062172294720  <br>4062172372251  <br>4062172404501 |
| ORIGINAL LINE H10    | 860 hr                     | 1720 hr                     | HAL          | H10                      | 4052899348622                                                                                                                                                         |

Product family datasheet

|                     | Lifetime Data |               | Capabilities | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|---------------------|---------------|---------------|--------------|--------------------------|--------------------------------------------------------------------------------------------------|
| Product description | Lifespan B3   | Lifespan Tc   | Technology   | ECE category             | Primary article identifier                                                                       |
| ORIGINAL LINE HB4   | 860 hr        | 1720 hr       | HAL          | HB4A                     | 4008321554284                                                                                    |
| ORIGINAL LINE H18   | 700 hr        | 1100 hr       | HAL          | H18                      | 4052899327078   4052899479968                                                                    |
| ORIGINAL LINE H19   | 300 / 800 hr  | 600 / 1600 hr | HAL          | 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 |
| ORIGINAL LINE H15    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H16    | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H27W/1 | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE H27W/2 | No declarable substances contained | No declarable substances contained |
| ORIGINAL LINE HB3    | 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 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      |
|    | ref_pim_amsproduct360degreeimages<br>ORIGINAL H1 64150    |
|    | 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  |

# Product family datasheet

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.

