

# 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	Product information		Electrical data				Photometrical data
	Order reference	Application (Category and Product specific)	Power input	Nominal voltage	Nominal wattage	Test voltage	Luminous flux
ORIGINAL LINE H1 <sup>1)</sup>	64150	Halogen headlight lamp	68 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1550 lm
ORIGINAL LINE H2	64173	Halogen headlight lamp	68 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1800 lm
ORIGINAL LINE H3 <sup>1)</sup>	64151	Halogen headlight lamp	68 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1450 lm
ORIGINAL LINE H4	64193	Halogen headlight lamp	75 / 68 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1650/1000 lm
ORIGINAL LINE H7 <sup>1)</sup>	64210	Halogen headlight lamp	58 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1500 lm
ORIGINAL LINE H8	64212	Halogen headlight lamp	43 W <sup>3)</sup>	12.0 V	35.00 W	13.2 V	800 lm
ORIGINAL LINE H8B	64242	Halogen headlight lamp	43 W <sup>3)</sup>	12.0 V	35.00 W	13.2 V	800 lm
ORIGINAL LINE H9 <sup>1)</sup>	64213	Halogen headlight lamp	73 W <sup>3)</sup>	12.0 V	65.00 W	13.2 V	2100 lm
ORIGINAL LINE H9B	64243	Halogen headlight lamp	73 W <sup>3)</sup>	12.0 V	65.00 W	13.2 V	2100 lm
ORIGINAL LINE H11	64211	Halogen headlight lamp	62 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1350 lm
ORIGINAL LINE H11B	64241	Halogen headlight lamp	62 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1350 lm
ORIGINAL LINE H13 <sup>1)</sup>	9008	Halogen headlight lamp	75 / 68 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1000 lm
ORIGINAL LINE H15 <sup>1)</sup>	64176	Halogen headlight lamp	19 / 64 W <sup>3)</sup>	12.0 V	15/55 W	13.2 V	260/1350 lm
ORIGINAL LINE H16	64219L+	Halogen headlight lamp	26 W <sup>3)</sup>	12.0 V	19.00 W	13.2 V	500 lm
ORIGINAL LINE H27W/1	880	Halogen headlight lamp	31 W <sup>3)</sup>	12.0 V	27.00 W	13.5 V	450 lm
ORIGINAL LINE H27W/2	881	Halogen headlight lamp	31 W <sup>3)</sup>	12.0 V	27.00 W	13.5 V	450 lm
ORIGINAL LINE HB3 <sup>1)</sup>	9005	Halogen headlight lamp	73 W <sup>3)</sup>	12.0 V	60.00 W	13.2 V	1700 lm
ORIGINAL LINE HB3A <sup>1)</sup>	9005XS	Halogen headlight lamp	73 W <sup>3)</sup>	12.0 V	60.00 W	13.2 V	1860 lm
ORIGINAL LINE HB4 <sup>1)</sup>	9006	Halogen headlight lamp	62 W <sup>3)</sup>	12.0 V	51.00 W	13.2 V	1000 lm
ORIGINAL LINE HB1	9004	Halogen headlight lamp	70 / 50 W <sup>3)</sup>	12.8 V	65/45 W	12.8 V	700 lm
ORIGINAL LINE R2 <sup>2)</sup>	64183	Halogen headlight lamp	57 / 51 W <sup>3)</sup>	12.0 V	45/40 W	13.2 V	1030/675 lm
ORIGINAL LINE HIR1	9011	Halogen headlight lamp	70 W <sup>3)</sup>	12.0 V	65.00 W	13.2 V	2500 lm

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Product description	Product information		Electrical data				Photometrical data
	Order reference	Application (Category and Product specific)	Power input	Nominal voltage	Nominal wattage	Test voltage	Luminous flux
ORIGINAL LINE HIR2	9012	Halogen headlight lamp	60 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1875 lm
ORIGINAL LINE H10 <sup>1)</sup>	9145	Halogen headlight lamp	50 W <sup>3)</sup>	12.0 V	42.00 W	13.2 V	850 lm
ORIGINAL LINE HB4	9006XS	Halogen headlight lamp	62 W <sup>3)</sup>	12.0 V	51.00 W	13.2 V	1095 lm
ORIGINAL LINE H18	64180L	Halogen headlight lamp	69 W <sup>3)</sup>	12.0 V	65.00 W	13.2 V	1700 lm
ORIGINAL LINE H19	64181L	Halogen headlight lamp	72 / 68 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1750/1200 lm

Product description	Luminous flux tolerance	Dimensions & weight	Lifespan		Capabilities	Certificates & standards
		Diameter	Lifespan B3	Lifespan Tc	Technology	ECE category
ORIGINAL LINE H1 <sup>1)</sup>	±15 %	9 mm	400 h	650 h	HAL	H1
ORIGINAL LINE H2	±15 %	9 mm	90 h	250 h	HAL	H2
ORIGINAL LINE H3 <sup>1)</sup>	±15 %	11.5 mm	400 h	650 h	HAL	H3
ORIGINAL LINE H4	±15 % / ±15 %	17.0 mm	250 / 400 h <sup>4)</sup>	500 / 900 h <sup>4)</sup>	HAL	H4
ORIGINAL LINE H7 <sup>1)</sup>	±10 %	12.0 mm	330 h	550 h	HAL	H7
ORIGINAL LINE H8	±15 %	12.0 mm	400 h	800 h	HAL	H8
ORIGINAL LINE H8B	±15 %	12.0 mm	400 h	800 h	HAL	H8B
ORIGINAL LINE H9 <sup>1)</sup>	±10 %	12.0 mm	250 h	500 h	HAL	H9
ORIGINAL LINE H9B	±10 %	12.0 mm	250 h	500 h	HAL	H9B
ORIGINAL LINE H11	±10 %	12.0 mm	350 h	580 h	HAL	H11
ORIGINAL LINE H11B	±10 %	12.0 mm	350 h	580 h	HAL	H11B
ORIGINAL LINE H13 <sup>1)</sup>	±15 / ±15 %	17.0 mm	170 / 1290 h <sup>4)</sup>	350 / 2590 h <sup>4)</sup>	HAL	H13
ORIGINAL LINE H15 <sup>1)</sup>	±10 / ±10 %	13.0 mm	2000 / 250 h <sup>4)</sup>	4000 / 500 h <sup>4)</sup>	HAL	H15
ORIGINAL LINE H16	+10 %...15 %	10.0 mm	1115 h	2000 h	HAL	H16
ORIGINAL LINE H27W/1	±15 %	9 mm			Halogen lamp	H27W/1
ORIGINAL LINE H27W/2	±15 %	10.0 mm			HAL	H27W/2
ORIGINAL LINE HB3 <sup>1)</sup>	±12 %	12.0 mm	280 h	550 h	HAL	HB3
ORIGINAL LINE HB3A <sup>1)</sup>	±12 %	12.0 mm	280 h	550 h	HAL	HB3A
ORIGINAL LINE HB4 <sup>1)</sup>	±15 %	12.0 mm	1200 h	2590 h	HAL	HB4
ORIGINAL LINE HB1	±10 / ±10 %	16.0 mm	150 h	320 h <sup>5)</sup>	HAL	HB1
ORIGINAL LINE R2 <sup>2)</sup>	±15 %	17.0 mm	250 / 400 h <sup>4)</sup>	500 / 1200 h <sup>4)</sup>	HAL	R2

## Product family datasheet

Product description	Luminous flux tolerance	Dimensions & weight	Lifespan		Capabilities	Certificates & standards
		Diameter	Lifespan B3	Lifespan Tc	Technology	ECE category
ORIGINAL LINE HIR1	±15 %	11.3 mm	220 h	300 h	HAL	HIR1
ORIGINAL LINE HIR2	±15 %	12.1 mm	500 h	870 h	HAL	HIR2
ORIGINAL LINE H10 <sup>1)</sup>	±15 %	12.0 mm	860 h	1720 h	HAL	H10
ORIGINAL LINE HB4	±15 %	12.0 mm	860 h	1720 h	HAL	HB4A
ORIGINAL LINE H18	±8 %	12.0 mm	700 h	1100 h	HAL	H18
ORIGINAL LINE H19	±10 %	13.0 mm	300 / 800 h	600 / 1600 h	HAL	H19

Product description	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
ORIGINAL LINE H1 <sup>1)</sup>	05-03-2024	4050300001487   4050300925264   4050300892474   4008321022240   4050300880181   4008321302748   4008321380593   4008321675460   4052899412026   4058075021891   4062172159340   4062172285056   4062172341400   4062172216470   4062172395380	No declarable substances contained	In work
ORIGINAL LINE H2	05-03-2024	4050300016559	No declarable substances contained	No declarable substances contained

## Product family datasheet

Environmental information				
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
ORIGINAL LINE H3 <sup>1)</sup>	05-03-2024	4050300211190   4050300925349   4050300271729   4050300001494   4050300839578   4050300839554   4008321006288   4008321014399   4008321296573   4052899387195   4052899412040   4058075021914   4052899563247   4062172027311   4062172113748   4062172117012   4062172131896   4062172163880   4062172285872   4050300271736   4062172343763   4062172395540	No declarable substances contained	In work
ORIGINAL LINE H4	29-03-2024	4050300925127   4050300001470   4050300937731   4050300158969   4050300424415   4050300212043   4008321023919   4008321130563   4050300300993   4008321508768   4008321856173   4008321871855   4006584818075   4052899150621   4052899411869   4052899475960   4052899487215   4052899411746   4062172034432   4062172065740   4062172119238   4062172395601	No declarable substances contained	In work

## Product family datasheet

Environmental information				
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
ORIGINAL LINE H7 <sup>1)</sup>	05-03-2024	4050300459363   4050300925202   4050300479903   4050300332185   4008321006226   4008321023513   4050300722726   4008321642493   4052899056800   4052899277557   4052899408173   4052899411821   4052899475908   4052899593589   4062172131926   4052899980228   4062172387286   4062172395014	No declarable substances contained	In work
ORIGINAL LINE H8	05-03-2024	4050300602288   4050300602264   4050300498751   4050300642697   4008321168467   4008321514363   4008321770059   4008321872371   4052899262478   4052899364196   4052899411906   4052899562349   4052899589490   4062172051552   4062172057363   4062172130998   4052899443143   4062172189187   4062172395281	No declarable substances contained	In work
ORIGINAL LINE H8B	05-03-2024	4008321055422   4008321065643	No declarable substances contained	In work
ORIGINAL LINE H9 <sup>1)</sup>	05-03-2024	4050300602301   4050300602325   4050300524368   4050300642758   4052899449336   4052899565296   4052899589513   4052899598959   4062172051637	No declarable substances contained	In work
ORIGINAL LINE H9B	05-03-2024	4008321055477   4008321065681	No declarable substances contained	In work

## Product family datasheet

Product description	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
ORIGINAL LINE H11	06-03-2024	4050300524313   4008321102027   4008321171252   4052899263338   4052899475984   4062172083027   4062172182898   4052899411920   4062172395229	No declarable substances contained	In work
ORIGINAL LINE H11B	05-03-2024	4008321054654   4052899047204	No declarable substances contained	In work
ORIGINAL LINE H13 <sup>1)</sup>	05-03-2024	0046135396809   4006584415793   4008321939401   4052899521957   4062172277808   4059089500938   0046135337833   4062172399005	No declarable substances contained	In work
ORIGINAL LINE H15 <sup>1)</sup>	25-03-2024	4008321218391   4008321242068   4008321242044   4052899498600   4052899568884	No declarable substances contained	In work
ORIGINAL LINE H16	05-03-2024	4008321626837   4008321626783   4008321626851   4052899403819   4052899498563   4052899561861   4052899589599   4062172051972	No declarable substances contained	In work
ORIGINAL LINE H27W/1	05-03-2024	4008321542977   4062172376181   4062172376150	No declarable substances contained	In work
ORIGINAL LINE H27W/2	05-03-2024	4008321543004   4062172376242   4062172376211	No declarable substances contained	In work
ORIGINAL LINE HB3 <sup>1)</sup>	05-03-2024	4006584369027   4050300137193   4008321166937   4008321021014   4008321021083   4006584459513   4008321382597   4006584593293   4006584593316   4008321795298   4008321171214   4052899408562   4062172395304   4062172404662	No declarable substances contained	In work

## Product family datasheet

Product description	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
ORIGINAL LINE HB3A <sup>1)</sup>	31-05-2024	0046135320408   4050300532387   0046135314872   4052899982567	No declarable substances contained	In work
ORIGINAL LINE HB4 <sup>1)</sup>	05-03-2024	4050300012650   4050300144795   4008321171238   4006584459421   4008321795274   4055462352507   4062172231237   4055462352484   4055462359254   4052899408975   4062172395328   4062172404686	No declarable substances contained	In work
ORIGINAL LINE HB1	05-03-2024	4050300239866   4008321166982   4006584453351   4006584384235   4052899232013	No declarable substances contained	In work
ORIGINAL LINE R2 <sup>2)</sup>	05-03-2024	4050300925400   4052899411944   4062172069700   4062172156387   4062172395564	No declarable substances contained	In work
ORIGINAL LINE HIR1	06-03-2024	4008321863966	No declarable substances contained	No declarable substances contained
ORIGINAL LINE HIR2	06-03-2024	4008321863997   4055462226334   4062172189156   4055462356314   4062172294720   4062172372251   4008321864659   4062172384186   4062172386999   4062172395342   4062172404501	No declarable substances contained	In work
ORIGINAL LINE H10 <sup>1)</sup>	06-03-2024	4052899348622	No declarable substances contained	No declarable substances contained
ORIGINAL LINE HB4	31-05-2024	4050300532400   4008321554284   4055462112040   4055462310552   4059089505612	No declarable substances contained	In work
ORIGINAL LINE H18	06-03-2024	4052899327078   4052899479968	No declarable substances contained	In work
ORIGINAL LINE H19	28-05-2024	4052899507869   4052899599017	No declarable substances contained	In work

<sup>1)</sup> Lamp complies with ECE R 37 and SAE (DOT) regulations



## Product family datasheet

2) Successor to BILUX AS lamp (product reference 7951)

3) Maximum

4) Filament 1

5) B50 = average lifespan Explanation: 1-filament lamp e. g. 100 2-filament lamp e. g. 100/300

## Product family datasheet

### Download Data

File	
	360 Degree Image ORIGINAL H1 64150
	360 Degree Image ORIGINAL H2 64173
	360 Degree Image ORIGINAL H3 64151
	360 Degree Image ORIGINAL H4 64193
	360 Degree Image ORIGINAL H7 64210
	360 Degree Image ORIGINAL H8 64212
	360 Degree Image ORIGINAL H9 64213
	360 Degree Image ORIGINAL H11 64211
	360 Degree Image ORIGINAL H13 9008
	360 Degree Image ORIGINAL H15 64176
	360 Degree Image ORIGINAL HB3 9005
	360 Degree Image ORIGINAL HB3A 9005XS
	360 Degree Image ORIGINAL HB4 9006
	360 Degree Image ORIGINAL R2 64183
	360 Degree Image ORIGINAL HIR1 9011
	360 Degree Image ORIGINAL HIR2 9012
	360 Degree Image ORIGINAL H10 9145
	360 Degree Image ORIGINAL HB4A 9006XS
	360 Degree Image ORIGINAL H18 64180L

#### Application advice

For more detailed application information and graphics please see product datasheet.

# Product family datasheet

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