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## OSRAM ORIGINAL LINE

Halogen headlight lamps for cars



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### Areas of application

- Headlight

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### Product benefits

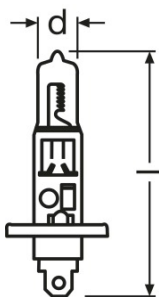
- OEM Quality
- Wide product range
- Reliable quality

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### Product features

- Original spare parts

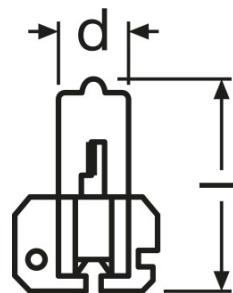
Product family datasheet



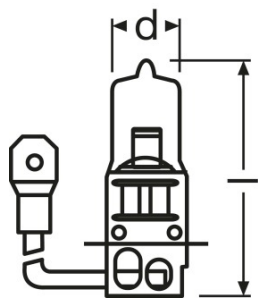
Product line drawing



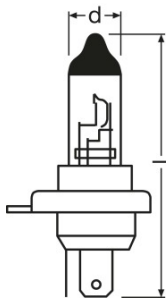
Prod.line drw, front, no dimensions



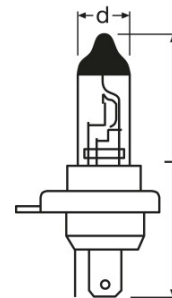
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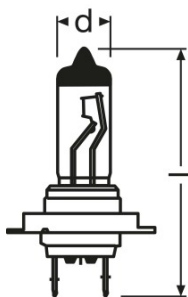
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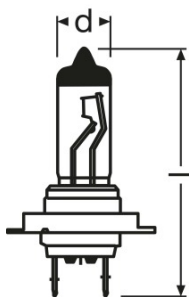
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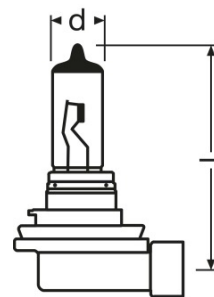
Product line drawing



Product line drawing

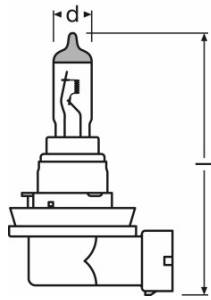


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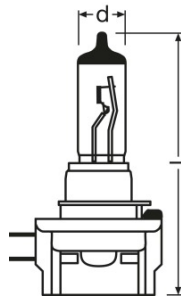


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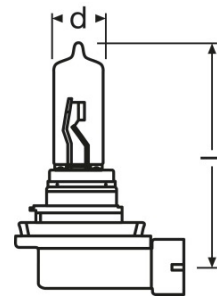
# Product family datasheet



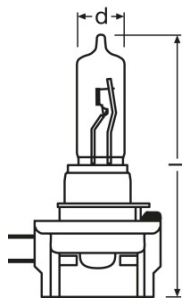
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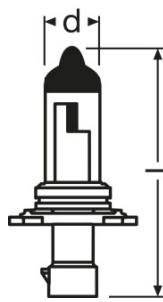
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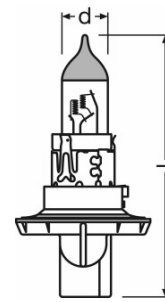
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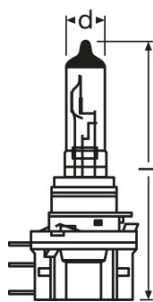
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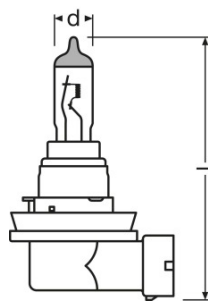
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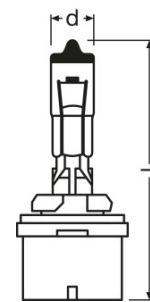
Product line drawing



Product line drawing

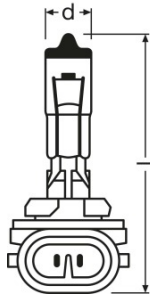


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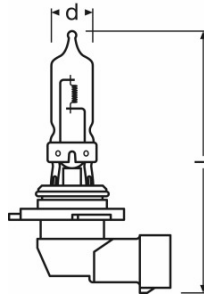


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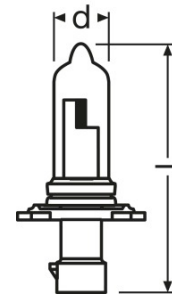
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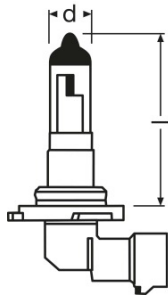
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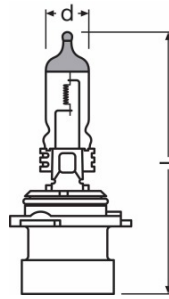
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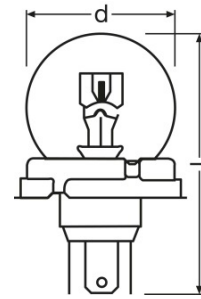
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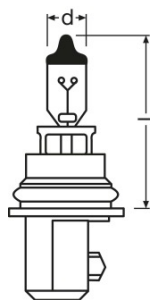
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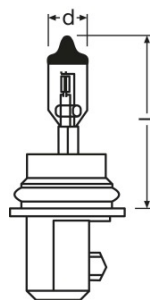
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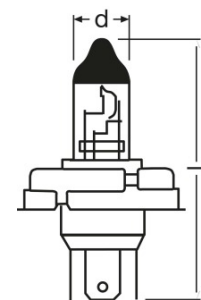
Product line drawing



Product line drawing

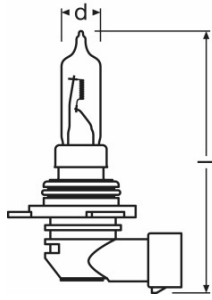


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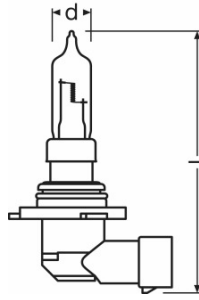


Product line drawing

# Product family datasheet



Product line drawing



Product line drawing

## Product family datasheet

### Technical data

Product description	Electrical data				Photometrical data		Dimensions & weight	
	Power input	Nominal voltage	Nominal wattage	Test voltage	Luminous flux	Luminous flux tolerance	Length	Diameter
64150 <sup>1)</sup>	68 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1550 lm	±15 %	67.5 mm	9 mm
64150L	68 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1550 lm	±15 %	67.5 mm	9 mm
64173	68 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1800 lm	±15 %	31.0 mm	9 mm
64151 <sup>1)</sup>	68 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1450 lm	±15 %	42.0 mm	11.5 mm
64151L	68 W <sup>3)</sup>	12.0 V	55.0 W	13.2 V	1450 lm	±15 %	42.0 mm	12.0 mm
64193	75 / 68 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1650/1000 lm	±12 / ±15 %	82.0 mm	17.0 mm
64193L	75 / 68 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1650/1000 lm	±12 / ±15 %	82.0 mm	17.0 mm
94193	75 / 68 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1650/1000 lm	±12 / ±15 %	82.0 mm	
64210 <sup>1)</sup>	58 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1500 lm	±10 %	59.0 mm	12.0 mm
64210L	58 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1500 lm	±10 %	59.0 mm	12.0 mm
64212 <sup>1)</sup>	43 W <sup>3)</sup>	12.0 V	35.00 W	13.2 V	800 lm	±15 %	67.0 mm	12.0 mm
64212L+ <sup>1)</sup>	43 W <sup>3)</sup>	12.0 V	35.0 W	13.2 V	800 lm	±15 %	67.0 mm	10.0 mm
64242	43 W <sup>3)</sup>	12.0 V	35.00 W	13.2 V	800 lm	±15 %	66.8 mm	12.0 mm
64213 <sup>1)</sup>	73 W <sup>3)</sup>	12.0 V	65.00 W	13.2 V	2100 lm	±10 %	67.0 mm	12.0 mm
64243	73 W <sup>3)</sup>	12.0 V	65.00 W	13.2 V	2100 lm	±10 %	66.8 mm	12.0 mm
9145RD <sup>1)</sup>	50 W <sup>3)</sup>	12.0 V	42.0 W	13.2 V	850 lm	±15 %	80.3 mm	12.0 mm
64211L+ <sup>1)</sup>	62 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1350 lm	±10 %	67.0 mm	12.0 mm
64211	62 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1350 lm	±10 %	67.0 mm	12.0 mm
64241	62 W <sup>3)</sup>	12.0 V	55.0 W	13.2 V	1350 lm	±10 %	66.8 mm	12.0 mm
64241L+	62 W <sup>3)</sup>	12.0 V	55.00 W	13.2 V	1350 lm	±10 %	66.8 mm	12.0 mm
64178	75 / 68 W <sup>3)</sup>	12.0 V	60.0 W	13.2 V	1000 lm	±15 / ±15 %	93.0 mm	17.0 mm
64176 <sup>1)</sup>	64 / 19 W <sup>3)</sup>	12.0 V	55/15 W	13.2 V	260/1350 lm	±10 / ±10 %	79.0 mm	13.0 mm

## Product family datasheet

Product description	Electrical data				Photometrical data		Dimensions & weight	
	Power input	Nominal voltage	Nominal wattage	Test voltage	Luminous flux	Luminous flux tolerance	Length	Diameter
64219L+	26 W <sup>3)</sup>	12.0 V	19.00 W	13.2 V	500 lm	+10 %...15 %	67.0 mm	10.0 mm
880	31 W <sup>3)</sup>	12.0 V	27.0 W	13.5 V	450 lm	±15 %	44.5 mm	9 mm
881	31 W <sup>3)</sup>	12.0 V	27.0 W	13.5 V	450 lm	±15 %	44.5 mm	9 mm
9003L <sup>1)</sup>	72 / 65 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1500/910 lm	±15 / ±15 %	82.0 mm	
9005 <sup>1)</sup>	73 W <sup>3)</sup>	12.0 V	60.00 W	13.2 V	1700 lm	±12 %	80.3 mm	12.0 mm
9005D	73 W <sup>3)</sup>	12.0 V	60.00 W	13.2 V	1860 lm	±12 %	80.3 mm	12.0 mm
9005XS <sup>1)</sup>	73 W <sup>3)</sup>	12.0 V	60.0 W	13.2 V	1860 lm	±12 %	80.3 mm	12.0 mm
9006L <sup>1)</sup>	62 W <sup>3)</sup>	12.0 V	51.00 W	13.2 V	1000 lm	±15 %	80.3 mm	12.0 mm
9006RD	62 W <sup>3)</sup>	12.0 V	51.0 W	13.2 V	1095 lm	±15 %	80.3 mm	12.0 mm
9006XS <sup>1)</sup>	62 W <sup>3)</sup>	12.0 V	51.0 W	13.2 V	1095 lm	±15 %	80.3 mm	12.0 mm
64198	75 / 68 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1650/1000 lm	±10 / ±10 %	82.0 mm	17.0 mm
7951	57 / 51 W <sup>3)</sup>	12.0 V	45/40 W	13.2 V	860/675 lm <sub>5)</sub>	±15 / ±15 %	75.0 mm	40.0 mm
9004	70 / 50 W <sup>3)</sup>	12.8 V	65.0 W	12.8 V	700 lm	±10 / ±10 %	93.0 mm	16.0 mm
9004XV	70 / 50 W <sup>3)</sup>	12.8 V	65.0 W	12.8 V	1200/700 lm	±10 / ±10 %	93.0 mm	16.0 mm
9007	70 / 60 W <sup>3)</sup>	12.8 V	65/55 W	12.8 V	1000 lm	±10 / ±10 %	95.0 mm	16.0 mm
64149	43 W <sup>3)</sup>	12.0 V	35.0 W	13.2 V	800 lm	±7.5 %	42.0 mm	12.0 mm
64185	36.8 / 36.8 W <sup>3)</sup>	12.0 V	35/35 W	13.2 V	820/520 lm	±15 / ±15 %	85.0 mm	17.0 mm
64183 <sup>2)</sup>	48.5 / 46.5 W <sup>3)</sup>	12.0 V	45.0 W	13.2 V	1030/740 lm	±12 / +5 %...15 %	82.0 mm	17.0 mm
9007RD	70 / 60 W <sup>3)</sup>	12.8 V	65.0 W	12.8 V	1000 lm	±10 / ±10 %	70.0 mm	15.0 mm
9005L+	73 W <sup>3)</sup>	12.0 V	60.0 W	13.2 V	1860 lm	±12 %	80.3 mm	12.0 mm
9011		12.0 V	65.00 W	13.2 V			75.0 mm	11.3 mm
9012		12.0 V	55.0 W	13.2 V			75.0 mm	11.3 mm

## Product family datasheet

Product description	Electrical data				Photometrical data		Dimensions & weight	
	Power input	Nominal voltage	Nominal wattage	Test voltage	Luminous flux	Luminous flux tolerance	Length	Diameter
9003XV <sup>1)</sup>	72 / 65 W <sup>3)</sup>	12.0 V	60/55 W	13.2 V	1700/1075 lm	±7 / ±7 %	82.0 mm	
-	36.8 / 36.8 W <sup>3)</sup>	12.0 V	35/35 W	13.2 V	820/520 lm	±15 / ±15 %	78.0 mm	16.0 mm
9006	62 W <sup>3)</sup>	12.0 V	51.00 W	13.2 V	1095 lm	±15 %	80.3 mm	12.0 mm

Product description	Lifespan		Additional product data	Certificates & standards	Country specific categorizations
	Lifespan B3	Lifespan Tc	Base (standard designation)	ECE category	Order reference
64150 <sup>1)</sup>	400 h	650 h	P14.5s	H1	64150 55W 12V P
64150L	600 h	1200 h	P14.5s	H1	64150L 55W 12V
64173	90 h	250 h	X511	H2	64173 55W 12V X
64151 <sup>1)</sup>	400 h	650 h	PK22s	H3	64151 55W 12V P
64151L	600 h	1200 h	PK22s	H3	64151L 55W 12V
64193	250 / 400 h <sup>4)</sup>	500 / 900 h <sup>4)</sup>	P43t	H4	64193 60/55W 12
64193L	300 / 1100 h <sup>4)</sup>	600 / 2400 h <sup>4)</sup>	P43t	H4	64193L 60/55W 1
94193	300 / 1100 h <sup>4)</sup>	500 / 2400 h <sup>4)</sup>	P43t	H4	94193 60/55W 12
64210 <sup>1)</sup>	330 h	550 h	PX26d	H7	64210 55W 12V P
64210L	450 h	930 h	PX26d	H7	64210L 55W 12V
64212 <sup>1)</sup>	400 h	800 h	PGJ19-1	H8	64212 35W 12V P
64212L+ <sup>1)</sup>	1200 h	2000 h	PGJ19-1	H8	64212L+ 35W 12V
64242	400 h	800 h	PGJY19-1	H8B	64242 35W 12V P
64213 <sup>1)</sup>	250 h	500 h	PGJ19-5	H9	64213 65W 12V P
64243	250 h	500 h	PGJY19-5	H9B	64243 65W 12V P
9145RD <sup>1)</sup>	860 h	1720 h	PY20d	H10	9145RD
64211L+ <sup>1)</sup>	1000 h	2000 h	PGJ19-2	H11	64211L+ 55W 12V



## Product family datasheet

Product description	Lifespan		Additional product data	Certificates & standards	Country specific categorizations
	Lifespan B3	Lifespan Tc	Base (standard designation)	ECE category	Order reference
64211	350 h	580 h	PGJ19-2	H11	64211 55W 12V P
64241	350 h	580 h	PGJY19-2	H11B	64241 55W 12V P
64241L+	1000 h	2000 h	PGJY19-2	H11B	64241L+ 55W 12V
64178	170 / 1290 h <sup>4)</sup>	350 / 2590 h <sup>4)</sup>	P26.4t	H13	64178
64176 <sup>1)</sup>	2000 / 250 h <sup>4)</sup>	4000 / 500 h <sup>4)</sup>	PGJ23t-1	H15	64176 55/15W 12
64219L+	1115 h	2000 h		H16	64219L+ 19W 12V
880			PG13	H27/1W	880 27W 12V PG1
881			PGJ13	H27/2W	881 27W 12V PGJ
9003L <sup>1)</sup>	300 / 1100 h <sup>4)</sup>	750 / 1400 h <sup>4)</sup>	P43t	HB2	9003L 60/55W 12
9005 <sup>1)</sup>	280 h	550 h	P20d	HB3	9005 60W 12V P2
9005D	600 h	1200 h	P20d	HB3	9005D
9005XS <sup>1)</sup>	280 h	550 h	P20d	HB3A	9005XS
9006L <sup>1)</sup>	1200 h	2590 h	P22d	HB4	9006-01B 51W 12
9006RD	860 h	1720 h	P22d	HB4	9006RD
9006XS <sup>1)</sup>	860 h	1720 h	P22d	HB4A	9006XS
64198	200 / 340 h	450 / 800 h	P45t	R2	64198 60/55W 12
7951	80 / 150 h <sup>4)</sup>	150 / 350 h <sup>4)</sup>	P45t	R2	7951 45/40W 12V
9004	150 h	320 h <sup>6)</sup>	P29t	HB1	9004 65/45W 12,
9004XV	150 h	320 h	P29t	HB1	9004XV 65/45W 1
9007	250 h	500 h <sup>6)</sup>	PX29t		9007
64149	700 h	1000 h	PK22s		64149 35W 12V P
64185	75 / 150 h <sup>4)</sup>	150 / 300 h <sup>4)</sup>	PX43t	HS1	64185 35/35W 12
64183 <sup>2)</sup>	250 / 400 h <sup>4)</sup>	500 / 1200 h <sup>4)</sup>	P45t	R2	64183 45/40W 12
9007RD	250 h	500 h	PX29t		9007RD
9005L+	1000 h	2000 h	P20d	HB3	9005L+

## Product family datasheet

Product description	Lifespan		Additional product data	Certificates & standards	Country specific categorizations
	Lifespan B3	Lifespan Tc	Base (standard designation)	ECE category	Order reference
9011			PX20d		9011 65W 12V PX
9012			PX22d		9012 55W 12V PX
9003XV <sup>1)</sup>	50 / 100 h <sup>4)</sup>	150 / 300 h <sup>4)</sup>	P43t	HB2	9003XV 60/55W 1
-	75 / 150 h <sup>4)</sup>	150 / 300 h <sup>4)</sup>	PX43t	HS1	64185 35/35W 12
9006	860 h	1720 h	P22d	HB4	9006 51W 12V P2

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

<sup>2)</sup> Successor to BILUX AS lamp (product reference 7951)

<sup>3)</sup> Maximum

<sup>4)</sup> Filament 1

<sup>5)</sup> Minimum/Range

<sup>6)</sup> B50 = average lifespan Explanation: 1-filament lamp e. g. 100 2-filament lamp e. g. 100/300

## Product family datasheet

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### Application advice

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

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.