

## Low-voltage halogen lamps without reflector



### Areas of application

- Lamps for special luminaires
- Medical fiber optics (HLX)

### Product family benefits

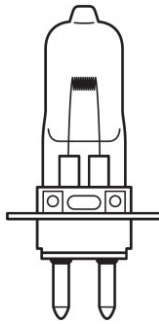
- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

### Product family features

- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)
- HLX tungsten halogen low-voltage lamp with or without reflector
- Dimmable (HLX)



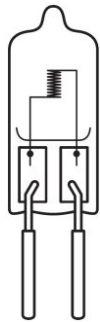
## Product family datasheet



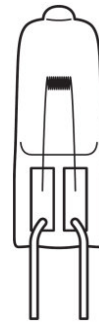
383463\_HALOGEN NIEDERVOLT LAMPE PG 22



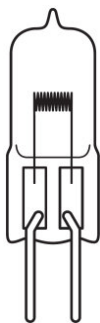
486997\_LOW-VOLTAGE HALOGEN LAMP 64250



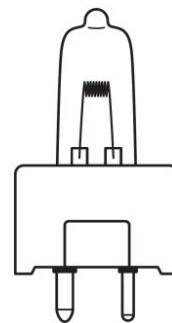
383896\_LOW-VOLTAGE HALOGEN LAMP 62138



384396\_LOW-VOLTAGE HALOGEN LAMP 64611

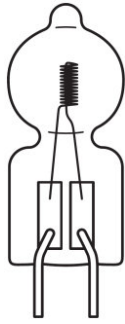


487001\_LOW-VOLTAGE HALOGEN LAMP 64640



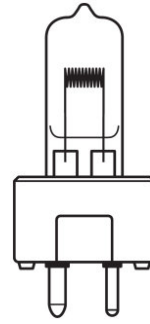
384405\_LOW-VOLTAGE HALOGEN LAMP 64628

## Product family datasheet



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384421\_LOW-VOLTAGE HALOGEN LAMP 64668



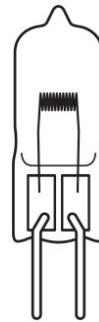
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384398\_LOW-VOLTAGE HALOGEN LAMP 64643



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384410\_LOW-VOLTAGE HALOGEN LAMP 64652 HLX



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486995\_LOW-VOLTAGE HALOGEN LAMP 62139

## Product family datasheet

### Technical data

Product description	Product information	Electrical data		Photometrical data		Dimensions & weight	
	Order reference	Nominal voltage	Nominal wattage	Color temperature	Nominal luminous flux	Diameter	Length
64222 10 W 6 V	64222 10W 6V PG	6 V	10.00 W	3050 K	150 lm	9 mm	44.0 mm
64223 10 W 6 V	64223 M/43 10W	6 V	10.00 W	2900 K	150 lm	9 mm	38.0 mm
64225 10 W 6 V	64225	6 V	10.00 W	3200 K	200 lm	9.5 mm	31.0 mm
64250 HLX	64250 HLX	6 V	20.00 W	3350 K	460 lm	9 mm	31.0 mm
64251 HLX	64251 HLX	6 V	20.00 W	3350 K	460 lm	9 mm	40.0 mm
64265 HLX	64265 HLX	6 V	30.00 W	3200 K	765 lm	9 mm	31.0 mm
64275 AX	64275 AX 35W 6V	6 V	35.00 W	3350 K	755 lm	9 mm	35.0 mm
64258 20 W 12 V	64258 20W 12V G	12.0 V	20.00 W	3050 K	335 lm	9.5 mm	30.0 mm
64259 20 W 12 V	64259 20W 12V G	12.0 V	20.00 W			9.5 mm	30.0 mm
64260 30 W 12 V	64260 30W 12V P	12.0 V	30.00 W	3300 K	800 lm	9 mm	40.0 mm
64261 HLX	64261 30W 12V G	12.0 V	30.00 W	3300 K	750 lm	11.5 mm	44.0 mm
64602 50 W 12 V	64602 50W 12V G	12.0 V	50.00 W	3050 K	1000 lm	11.5 mm	44.0 mm
64610 HLX	64610 HLX	12.0 V	50.00 W	3350 K	1600 lm	11.5 mm	44.0 mm
64611 HLX	64611 HLX	12.0 V	50.00 W	3250 K	1350 lm	11.5 mm	44.0 mm
62138 HLX	62138 HLX	12.0 V	100.00 W	3350 K	3050 lm	11.5 mm	37.0 mm
64621 HLX	64621 HLX	12.0 V	100.00 W	3300 K	2880 lm	11.5 mm	48.0 mm
64623 HLX	64623 HLX	12.0 V	100.00 W	3300 K	2800 lm	11.5 mm	44.0 mm
64625 HLX	64625 HLX	12.0 V	100.00 W	3450 K	3600 lm	11.5 mm	44.0 mm
64628 100 W 12 V	64628 100W 12V	12.0 V	100.00 W	3500 K	3420 lm	13.0 mm	57.0 mm
64626 HLX <sup>1)</sup>	64626 HLX	12.0 V	100.00 W	3450 K	3500 lm	11.5 mm	48.0 mm
64291 XIR	64291	22.8 V	40.00 W	3150 K	1200 lm	12.0 mm	44.0 mm
64650 50 W 22,8 V	64650 50W 22,8V	22.8 V	50.00 W	3100 K	1150 lm	13.0 mm	44.0 mm
64668 XIR	64668	22.8 V	80.00 W	3250 K	3050 lm	14.0 mm	44.0 mm
64292 XIR	64292	22.8 V	150.00 W	3250 K	6000 lm	14.0 mm	44.0 mm
64638 HLX	64638 HLX	24.0 V	100.00 W	3100 K	2970 lm	13.0 mm	50.0 mm
64647 120 W 24 V	64647 120W 24V	24.0 V	120.00 W		3600 lm	13.0 mm	44.0 mm
64640 HLX	64640 HLX	24.0 V	150.00 W	3450 K	6000 lm	11.5 mm	50.0 mm
64641 HLX	64641 HLX	17.0 V	150.00 W			11.5 mm	50.0 mm
64642 HLX	64642 HLX	24.0 V	150.00 W	3450 K	5000 lm	11.5 mm	50.0 mm
64643 150 W 24 V	64643 150W 24V	24.0 V	150.00 W	3450 K	5000 lm	15.0 mm	57.0 mm

## Product family datasheet

Product description	Product information	Electrical data		Photometrical data		Dimensions & weight	
	Order reference	Nominal voltage	Nominal wattage	Color temperature	Nominal luminous flux	Diameter	Length
64652 HLX	64652 HLX	24.0 V	250.00 W	3400 K	8200 lm	11.5 mm	46.0 mm
64655 HLX	64655 HLX	24.0 V	250.00 W	3550 K	10000 lm	12.5 mm	55.0 mm
64657 HLX	64657 HLX	24.0 V	250.00 W		9000 lm	13.5 mm	55.0 mm
64656 HLX	64656 HLX	24.0 V	275.00 W	3550 K	10000 lm	13.5 mm	55.0 mm
64654 HLX <sup>1)</sup>	64654 HLX	24.0 V	250.00 W	3450 K	9000 lm	13.5 mm	68.0 mm
64663 HLX	64663 HLX	36.0 V	400.00 W	3250 K	16200 lm	15.0 mm	60.0 mm
64664 HLX	64664 HLX	36.0 V	400.00 W	3500 K		18.0 mm	57.0 mm
64665 HLX	64665 HLX	36.0 V	400.00 W	3300 K	12800 lm	18.0 mm	60.0 mm
64633 HLX	64633 HLX	15.0 V	150.00 W	3450 K	5600 lm	11.5 mm	44.0 mm
62139 HLX	62139 HLX	12.8 V	150.00 W			13.0 mm	50.0 mm

Product description	Lifespan	Additional product data		Capabilities	Certificates & standards
	Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure	Burning position	EEI – Energy Label
64222 10 W 6 V	300 h	PG22	9 mm	Any	B
64223 10 W 6 V	300 h	G4	9 mm	Any	B
64225 10 W 6 V	100 h	G4	9 mm	s90	B
64250 HLX	100 h	G4	9 mm	Any	B
64251 HLX	100 h	PG22	9 mm	Any	B
64265 HLX	100 h	G4	9 mm	Any	B
64275 AX	50 h	G4	9 mm	Any	C
64258 20 W 12 V	2000 h	G4	9 mm	s90	C
64259 20 W 12 V	1500 h	G4	9 mm	s90	B
64260 30 W 12 V	50 h	PG22	9 mm	Any	B
64261 HLX	50 h	G6.35	12 mm	Any	B
64602 50 W 12 V	1100 h	G6.35	12 mm	s90	C
64610 HLX	50 h	G6.35	12 mm	s90	B
64611 HLX	100 h	G6.35	12 mm	s90	B
62138 HLX	50 h	G6.35	12 mm	p90/p15	B
64621 HLX	2000 h	PG22	12 mm	s90	B
64623 HLX	2000 h	GY6.35	12 mm	s90	B
64625 HLX	50 h	GY6.35	12 mm	s90	B
64628 100 W 12 V	50 h	GY9.5	12 mm	s90	B
64626 HLX <sup>1)</sup>	50 h	PG22	12 mm	s90	B
64291 XIR	800 h	G6.35	12 mm	h90	B
64650 50 W 22,8 V	1200 h	G6.35	13 mm	Any	C
64668 XIR	400 h	G6.35	14 mm	h90	B
64292 XIR	600 h	G6.35	14 mm	s90	B
64638 HLX	300 h	G6.35	14 mm	Any	B
64647 120 W 24 V	700 h	G6.35	14 mm	Any	B

## Product family datasheet

	Lifespan	Additional product data		Capabilities	Certificates & standards
Product description	Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure	Burning position	EEI – Energy Label
64640 HLX	50 h	G6.35	11 mm	s90	B
64641 HLX	2000 h	G6.35	14 mm	s135	B
64642 HLX	300 h	G6.35	11 mm	s90	B
64643 150 W 24 V	100 h	GY9.5	14 mm	s90	B
64652 HLX	50 h	GX5.3	11 mm	p90/p15	B
64655 HLX	50 h	G6.35	14 mm	s90	B
64657 HLX	300 h	G6.35	14 mm	s90	B
64656 HLX	75 h	G6.35	14 mm	s90	B
64654 HLX <sup>1)</sup>	300 h	GY9.5	15 mm	s90	B
64663 HLX	50 h	G6.35	16 mm	s90	B
64664 HLX	150 h	G6.35	15 mm	s105	B
64665 HLX	300 h	G6.35	18 mm	s90	B
64633 HLX	50 h	G6.35	12 mm	s90	B
62139 HLX	300 h	G6.35	11 mm	h90	B

<sup>1)</sup> Available on request

## 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.