

## Low-voltage halogen lamps without reflector



### Areas of application

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

### Product family benefits

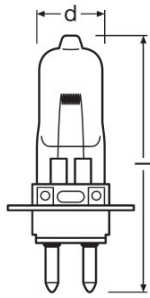
- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

### Product family features

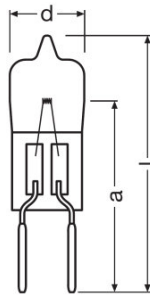
- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)
- HLX tungsten halogen low-voltage lamp with or without reflector
- Dimmable (HLX)



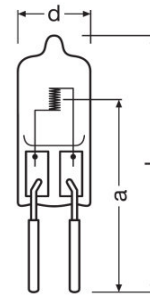
# Product family datasheet



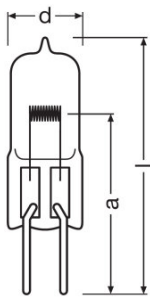
Product line drawing



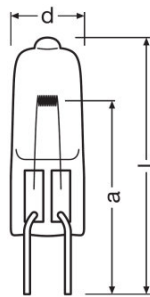
Product line drawing



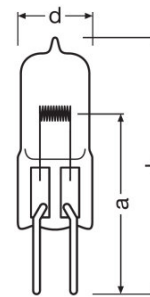
Product line drawing



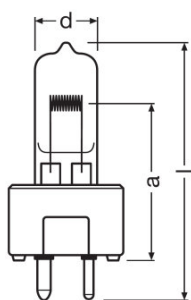
Product line drawing



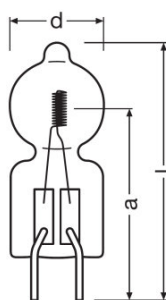
Product line drawing



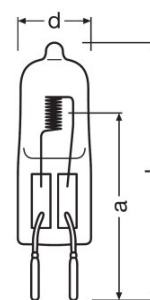
Product line drawing



Product line drawing

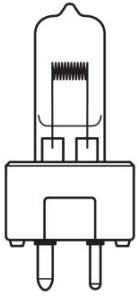


Product line drawing



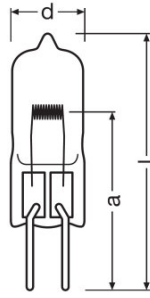
Product line drawing

## Product family datasheet



---

Prod.line drw, front, no dimensions



---

Product line drawing

## Product family datasheet

### Technical data

Product description	Product information	Electrical data		Photometrical data		Dimensions & weight		Lifespan	Additional product data	
	Order reference	Nominal voltage	Nominal wattage	Color temperature	Nominal luminous flux	Diameter	Length	Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure
64222 10 W 6 V	64222 10W 6V PG	6 V	10.00 W	3050 K	150 lm	9 mm	44.0 mm	300 h	PG22	9 mm
64223 10 W 6 V	64223 M/43 10W	6 V	10.00 W	2900 K	150 lm	9 mm	38.0 mm	300 h	G4	9 mm
64225 10 W 6 V	64225	6 V	10.00 W	3200 K	200 lm	9.5 mm	31.0 mm	100 h	G4	9 mm
64250 HLX	64250 HLX	6 V	20.00 W	3350 K	460 lm	9 mm	31.0 mm	100 h	G4	9 mm
64251 HLX	64251 HLX	6 V	20.00 W	3350 K	460 lm	9 mm	40.0 mm	100 h	PG22	9 mm
64265 HLX	64265 HLX	6 V	30.00 W	3200 K	765 lm	9 mm	31.0 mm	100 h	G4	9 mm
64275 AX	64275 AX 35W 6V	6 V	35.00 W	3350 K	755 lm	9 mm	35.0 mm	50 h	G4	9 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	2000 h	G4	9 mm
64259 20 W 12 V	64259 20W 12V G	12.0 V	20.00 W			9.5 mm	30.0 mm	1500 h	G4	9 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	50 h	PG22	9 mm
64261 HLX	64261 30W 12V G	12.0 V	30.00 W	3300 K	750 lm	11.5 mm	44.0 mm	50 h	G6.35	12 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	1100 h	G6.35	12 mm
64610 HLX	64610 HLX	12.0 V	50.00 W	3350 K	1600 lm	11.5 mm	44.0 mm	50 h	G6.35	12 mm
64611 HLX	64611 HLX	12.0 V	50.00 W	3250 K	1350 lm	11.5 mm	44.0 mm	100 h	G6.35	12 mm
62138 HLX	62138 HLX	12.0 V	100.00 W	3350 K	3050 lm	11.5 mm	37.0 mm	50 h	G6.35	12 mm
64621 HLX	64621 HLX	12.0 V	100.00 W	3300 K	2880 lm	11.5 mm	48.0 mm	2000 h	PG22	12 mm
64623 HLX	64623 HLX	12.0 V	100.00 W	3300 K	2800 lm	11.5 mm	44.0 mm	2000 h	GY6.35	12 mm
64625 HLX	64625 HLX	12.0 V	100.00 W	3450 K	3600 lm	11.5 mm	44.0 mm	50 h	GY6.35	12 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	50 h	GY9.5	12 mm
64626 HLX <sup>1)</sup>	64626 HLX	12.0 V	100.00 W	3450 K	3500 lm	11.5 mm	48.0 mm	50 h	PG22	12 mm
64291 XIR	64291	22.8 V	40.00 W	3150 K	1200 lm	12.0 mm	44.0 mm	800 h	G6.35	12 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	1200 h	G6.35	13 mm
64668 XIR	64668	22.8 V	80.00 W	3250 K	3050 lm	14.0 mm	44.0 mm	400 h	G6.35	14 mm
64292 XIR	64292	22.8 V	150.00 W	3250 K	6000 lm	14.0 mm	44.0 mm	600 h	G6.35	14 mm

## Product family datasheet

Product description	Product information	Electrical data		Photometrical data		Dimensions & weight		Lifespan	Additional product data	
	Order reference	Nominal voltage	Nominal wattage	Color temperature	Nominal luminous flux	Diameter	Length	Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure
64638 HLX	64638 HLX	24.0 V	100.00 W	3100 K	2970 lm	13.0 mm	50.0 mm	300 h	G6.35	14 mm
64647 120 W 24 V	64647 120W 24V	24.0 V	120.00 W		3600 lm	13.0 mm	44.0 mm	700 h	G6.35	14 mm
64640 HLX	64640 HLX	24.0 V	150.00 W	3450 K	6000 lm	11.5 mm	50.0 mm	50 h	G6.35	11 mm
64641 HLX	64641 HLX	17.0 V	150.00 W			11.5 mm	50.0 mm	2000 h	G6.35	14 mm
64642 HLX	64642 HLX	24.0 V	150.00 W	3450 K	5000 lm	11.5 mm	50.0 mm	300 h	G6.35	11 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	100 h	GY9.5	14 mm
64652 HLX	64652 HLX	24.0 V	250.00 W	3400 K	8200 lm	11.5 mm	46.0 mm	50 h	GX5.3	11 mm
64655 HLX	64655 HLX	24.0 V	250.00 W	3550 K	10000 lm	12.5 mm	55.0 mm	50 h	G6.35	14 mm
64657 HLX	64657 HLX	24.0 V	250.00 W		9000 lm	13.5 mm	55.0 mm	300 h	G6.35	14 mm
64656 HLX	64656 HLX	24.0 V	275.00 W	3550 K	10000 lm	13.5 mm	55.0 mm	75 h	G6.35	14 mm
64654 HLX <sup>1)</sup>	64654 HLX	24.0 V	250.00 W	3450 K	9000 lm	13.5 mm	68.0 mm	300 h	GY9.5	15 mm
64663 HLX	64663 HLX	36.0 V	400.00 W	3250 K	16200 lm	15.0 mm	60.0 mm	50 h	G6.35	16 mm
64664 HLX	64664 HLX	36.0 V	400.00 W	3500 K		18.0 mm	57.0 mm	150 h	G6.35	15 mm
64665 HLX	64665 HLX	36.0 V	400.00 W	3300 K	12800 lm	18.0 mm	60.0 mm	300 h	G6.35	18 mm
64633 HLX	64633 HLX	15.0 V	150.00 W	3450 K	5600 lm	11.5 mm	44.0 mm	50 h	G6.35	12 mm
62139 HLX	62139 HLX	12.8 V	150.00 W			13.0 mm	50.0 mm	300 h	G6.35	11 mm

Product description	Capabilities		Certificates & standards
	Dimmable	Burning position	EEI – Energy Label
64222 10 W 6 V	Yes	Any	B
64223 10 W 6 V	Yes	Any	B
64225 10 W 6 V	Yes	s90	B

## Product family datasheet

Product description	Capabilities		Certificates & standards
	Dimmable	Burning position	EEI – Energy Label
64250 HLX	Yes	Any	B
64251 HLX	Yes	Any	B
64265 HLX	Yes	Any	B
64275 AX	Yes	Any	C
64258 20 W 12 V	Yes	s90	C
64259 20 W 12 V	Yes	s90	B
64260 30 W 12 V	Yes	Any	B
64261 HLX	Yes	Any	B
64602 50 W 12 V	Yes	s90	C
64610 HLX	Yes	s90	B
64611 HLX	Yes	s90	B
62138 HLX	Yes	p90/p15	B
64621 HLX	Yes	s90	B
64623 HLX	Yes	s90	B
64625 HLX	Yes	s90	B
64628 100 W 12 V	Yes	s90	B
64626 HLX <sup>1)</sup>	Yes	s90	B
64291 XIR	Yes	h90	B
64650 50 W 22,8 V	Yes	Any	C
64668 XIR	Yes	h90	B
64292 XIR	Yes	s90	B
64638 HLX	Yes	Any	B
64647 120 W 24 V	Yes	Any	B
64640 HLX	Yes	s90	B

## Product family datasheet

Product description	Capabilities		Certificates & standards
	Dimmable	Burning position	EEI – Energy Label
64641 HLX	Yes	s135	B
64642 HLX	Yes	s90	B
64643 150 W 24 V	Yes	s90	B
64652 HLX	Yes	p90/p15	B
64655 HLX	Yes	s90	B
64657 HLX	Yes	s90	B
64656 HLX	Yes	s90	B
64654 HLX <sup>1)</sup>	Yes	s90	B
64663 HLX	Yes	s90	B
64664 HLX	Yes	s105	B
64665 HLX	Yes	s90	B
64633 HLX	Yes	s90	B
62139 HLX	Yes	h90	B

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

## 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.