

Low-voltage halogen lamps without reflector



Areas of application

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

Product family benefits

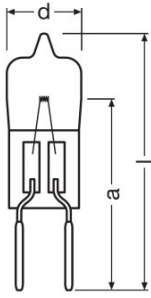
- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

Product family features

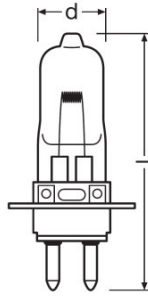
- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)
- HLX tungsten halogen low-voltage lamp with or without reflector
- Dimmable (HLX)



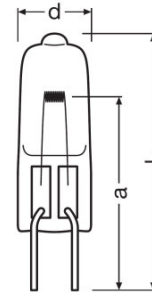
Product family datasheet



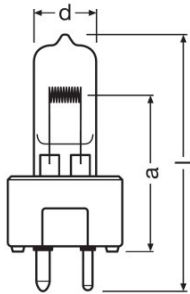
Product line drawing



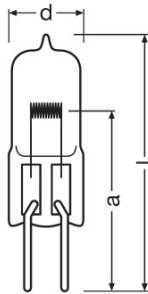
Product line drawing



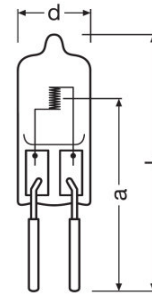
Product line drawing



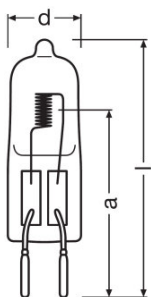
Product line drawing



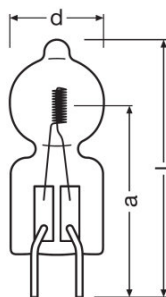
Product line drawing



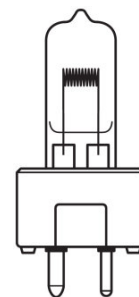
Product line drawing



Product line drawing

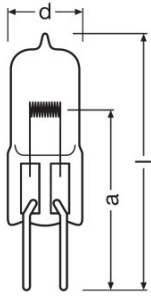


Product line drawing

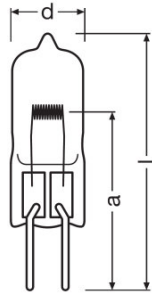


Prod.line drw, front, no dimensions

Product family datasheet



Product line drawing



Product line drawing

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
64250 HLX	64250 HLX	6 V	20.00 W	3350 K	460 lm	9 mm
64265 HLX	64265 HLX	6 V	30.00 W	3200 K	765 lm	9 mm
64260 30 W 12 V	64260 30W 12V P	12.0 V	30.00 W	3300 K	800 lm	9 mm
64611 HLX	64611 HLX	12.0 V	50.00 W	3250 K	1350 lm	11.5 mm
64628 100 W 12 V	64628 100W 12V	12.0 V	100.00 W	3500 K	3420 lm	13.0 mm
64223 10 W 6 V	64223 M/43 10W	6 V	10.00 W	2900 K	150 lm	9 mm
64602 50 W 12 V	64602 50W 12V G	12.0 V	50.00 W	3050 K	1000 lm	11.5 mm
64643 150 W 24 V	64643 150W 24V	24.0 V	150.00 W	3450 K	5000 lm	15.0 mm
64647 120 W 24 V	64647 120W 24V	24.0 V	120.00 W		3600 lm	13.0 mm
64650 50 W 22,8 V	64650 50W 22,8V	22.8 V	50.00 W	3100 K	1150 lm	13.0 mm
64621 HLX	64621 HLX	12.0 V	100.00 W	3300 K	2880 lm	11.5 mm
64291 XIR	64291	22.8 V	40.00 W	3150 K	1200 lm	12.0 mm
64292 XIR	64292	22.8 V	150.00 W	3250 K	6000 lm	14.0 mm
64654 HLX ¹⁾	64654 HLX	24.0 V	250.00 W	3450 K	9000 lm	13.5 mm
64225 10 W 6 V	64225	6 V	10.00 W	3200 K	200 lm	9.5 mm
64261 HLX	64261 30W 12V G	12.0 V	30.00 W	3300 K	750 lm	11.5 mm
64641 HLX	64641 HLX	17.0 V	150.00 W			11.5 mm
62138 HLX	62138 HLX	12.0 V	100.00 W	3350 K	3050 lm	11.5 mm
64642 HLX	64642 HLX	24.0 V	150.00 W	3450 K	5000 lm	11.5 mm
64633 HLX	64633 HLX	15.0 V	150.00 W	3450 K	5600 lm	11.5 mm
64652 HLX	64652 HLX	24.0 V	250.00 W	3400 K	8200 lm	11.5 mm
64259 20 W 12 V	64259 20W 12V G	12.0 V	20.00 W			9.5 mm
64655 HLX	64655 HLX	24.0 V	250.00 W	3550 K	10000 lm	12.5 mm
64656 HLX	64656 HLX	24.0 V	275.00 W	3550 K	10000 lm	13.5 mm
64657 HLX	64657 HLX	24.0 V	250.00 W		9000 lm	13.5 mm
64663 HLX	64663 HLX	36.0 V	400.00 W	3250 K	16200 lm	15.0 mm
64664 HLX	64664 HLX	36.0 V	400.00 W	3500 K		18.0 mm
64665 HLX	64665 HLX	36.0 V	400.00 W	3300 K	12800 lm	18.0 mm
64251 HLX	64251 HLX	6 V	20.00 W	3350 K	460 lm	9 mm
64275 AX	64275 AX 35W 6V	6 V	35.00 W	3350 K	755 lm	9 mm
64610 HLX	64610 HLX	12.0 V	50.00 W	3350 K	1600 lm	11.5 mm
64625 HLX	64625 HLX	12.0 V	100.00 W	3450 K	3600 lm	11.5 mm
64640 HLX	64640 HLX	24.0 V	150.00 W	3450 K	6000 lm	11.5 mm
62139 HLX	62139 HLX	12.8 V	150.00 W			13.0 mm
64222 10 W 6 V	64222 10W 6V PG	6 V	10.00 W	3050 K	150 lm	9 mm
64258 20 W 12 V	64258 20W 12V G	12.0 V	20.00 W	3050 K	335 lm	9.5 mm
64623 HLX	64623 HLX	12.0 V	100.00 W	3300 K	2800 lm	11.5 mm
64626 HLX ¹⁾	64626 HLX	12.0 V	100.00 W	3450 K	3500 lm	11.5 mm
64638 HLX	64638 HLX	24.0 V	100.00 W	3100 K	2970 lm	13.0 mm
64668 XIR	64668	22.8 V	80.00 W	3250 K	3050 lm	14.0 mm

Product family datasheet

Product description	Length	Lifespan	Additional product data		Capabilities
		Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure	Dimmable
64250 HLX	31.0 mm	100 h	G4	9 mm	Yes
64265 HLX	31.0 mm	100 h	G4	9 mm	Yes
64260 30 W 12 V	40.0 mm	50 h	PG22	9 mm	Yes
64611 HLX	44.0 mm	100 h	G6.35	12 mm	Yes
64628 100 W 12 V	57.0 mm	50 h	GY9.5	12 mm	Yes
64223 10 W 6 V	38.0 mm	300 h	G4	9 mm	Yes
64602 50 W 12 V	44.0 mm	1100 h	G6.35	12 mm	Yes
64643 150 W 24 V	57.0 mm	100 h	GY9.5	14 mm	Yes
64647 120 W 24 V	44.0 mm	700 h	G6.35	14 mm	Yes
64650 50 W 22,8 V	44.0 mm	1200 h	G6.35	13 mm	Yes
64621 HLX	48.0 mm	2000 h	PG22	12 mm	Yes
64291 XIR	44.0 mm	800 h	G6.35	12 mm	Yes
64292 XIR	44.0 mm	600 h	G6.35	14 mm	Yes
64654 HLX ¹⁾	68.0 mm	300 h	GY9.5	15 mm	Yes
64225 10 W 6 V	31.0 mm	100 h	G4	9 mm	Yes
64261 HLX	44.0 mm	50 h	G6.35	12 mm	Yes
64641 HLX	50.0 mm	2000 h	G6.35	14 mm	Yes
62138 HLX	37.0 mm	50 h	G6.35	12 mm	Yes
64642 HLX	50.0 mm	300 h	G6.35	11 mm	Yes
64633 HLX	44.0 mm	50 h	G6.35	12 mm	Yes
64652 HLX	46.0 mm	50 h	GX5.3	11 mm	Yes
64259 20 W 12 V	30.0 mm	1500 h	G4	9 mm	Yes
64655 HLX	55.0 mm	50 h	G6.35	14 mm	Yes
64656 HLX	55.0 mm	75 h	G6.35	14 mm	Yes
64657 HLX	55.0 mm	300 h	G6.35	14 mm	Yes
64663 HLX	60.0 mm	50 h	G6.35	16 mm	Yes
64664 HLX	57.0 mm	150 h	G6.35	15 mm	Yes
64665 HLX	60.0 mm	300 h	G6.35	18 mm	Yes
64251 HLX	40.0 mm	100 h	PG22	9 mm	Yes
64275 AX	35.0 mm	50 h	G4	9 mm	Yes
64610 HLX	44.0 mm	50 h	G6.35	12 mm	Yes
64625 HLX	44.0 mm	50 h	GY6.35	12 mm	Yes
64640 HLX	50.0 mm	50 h	G6.35	11 mm	Yes
62139 HLX	50.0 mm	300 h	G6.35	11 mm	Yes
64222 10 W 6 V	44.0 mm	300 h	PG22	9 mm	Yes
64258 20 W 12 V	30.0 mm	2000 h	G4	9 mm	Yes
64623 HLX	44.0 mm	2000 h	GY6.35	12 mm	Yes
64626 HLX ¹⁾	48.0 mm	50 h	PG22	12 mm	Yes
64638 HLX	50.0 mm	300 h	G6.35	14 mm	Yes
64668 XIR	44.0 mm	400 h	G6.35	14 mm	Yes

Product family datasheet

Product description	Burning position	Certificates & standards
		EEI – Energy Label
64250 HLX	Any	B
64265 HLX	Any	B
64260 30 W 12 V	Any	B
64611 HLX	s90	B
64628 100 W 12 V	s90	B
64223 10 W 6 V	Any	B
64602 50 W 12 V	s90	C
64643 150 W 24 V	s90	B
64647 120 W 24 V	Any	B
64650 50 W 22,8 V	Any	C
64621 HLX	s90	B
64291 XIR	h90	B
64292 XIR	s90	B
64654 HLX ¹⁾	s90	B
64225 10 W 6 V	s90	B
64261 HLX	Any	B
64641 HLX	s135	B
62138 HLX	p90/p15	B
64642 HLX	s90	B
64633 HLX	s90	B
64652 HLX	p90/p15	B
64259 20 W 12 V	s90	B
64655 HLX	s90	B
64656 HLX	s90	B
64657 HLX	s90	B
64663 HLX	s90	B
64664 HLX	s105	B
64665 HLX	s90	B
64251 HLX	Any	B
64275 AX	Any	C
64610 HLX	s90	B
64625 HLX	s90	B
64640 HLX	s90	B
62139 HLX	h90	B
64222 10 W 6 V	Any	B
64258 20 W 12 V	s90	C
64623 HLX	s90	B
64626 HLX ¹⁾	s90	B
64638 HLX	Any	B
64668 XIR	h90	B

¹⁾ 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.