

Low-voltage halogen lamps without reflector



Areas of application

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

Product benefits

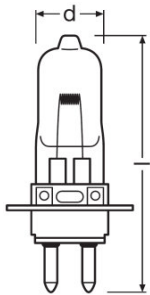
- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

Product features

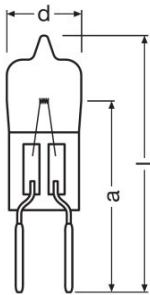
- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)
- HLX tungsten halogen low-voltage lamp with or without reflector
- Dimmable (HLX)



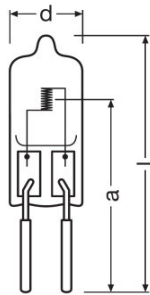
Product family datasheet



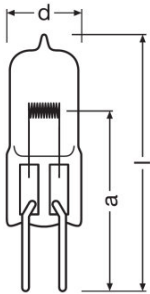
Product line drawing



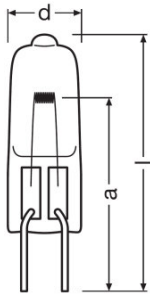
Product line drawing



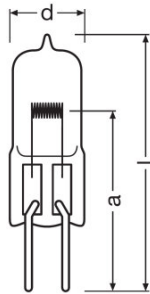
Product line drawing



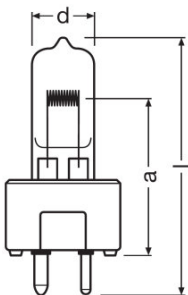
Product line drawing



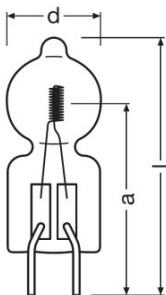
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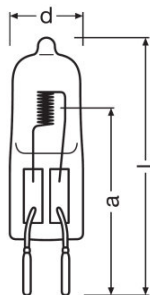
Product line drawing



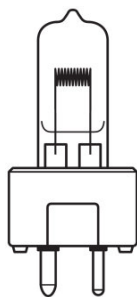
Product line drawing



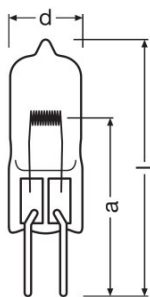
Product line drawing



Product line drawing



Prod.line drw, front, no
dimensions



Product line drawing

Product family datasheet

Technical data

Product description	Electrical data		Photometrical data		Dimensions & weight		Lifespan	Additional product data		Capabilities
	Nominal voltage	Nominal wattage	Color temperature	Nominal luminous flux	Diameter	Length	Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure	Dimmable
64222 10 W 6 V	6 V	10.00 W	3050 K	150 lm	9 mm	44.0 mm	300 h	PG22	9 mm	Yes
64223 10 W 6 V	6 V	10.00 W	2900 K	150 lm	9 mm	38.0 mm	300 h	G4	9 mm	Yes
64225 10 W 6 V	6 V	10.00 W	3200 K	200 lm	9.5 mm	31.0 mm	100 h	G4	9 mm	Yes
64250 HLX	6 V	20.00 W	3350 K	460 lm	9 mm	31.0 mm	100 h	G4	9 mm	Yes
64251 HLX	6 V	20.00 W	3350 K	460 lm	9 mm	40.0 mm	100 h	PG22	9 mm	Yes
64265 HLX	6 V	30.00 W	3200 K	765 lm	9 mm	31.0 mm	100 h	G4	9 mm	Yes
64275 AX	6 V	35.00 W	3350 K	755 lm	9 mm	35.0 mm	50 h	G4	9 mm	Yes
64258 20 W 12 V	12.0 V	20.00 W	3050 K	335 lm	9.5 mm	30.0 mm	2000 h	G4	9 mm	Yes
64259 20 W 12 V	12.0 V	20.00 W			9.5 mm	30.0 mm	1500 h	G4	9 mm	Yes
64260 30 W 12 V	12.0 V	30.00 W	3300 K	800 lm	9 mm	40.0 mm	50 h	PG22	9 mm	Yes
64261 HLX	12.0 V	30.00 W	3300 K	750 lm	11.5 mm	44.0 mm	50 h	G6.35	12 mm	Yes
64602 50 W 12 V	12.0 V	50.00 W	3050 K	1000 lm	11.5 mm	44.0 mm	1100 h	G6.35	12 mm	Yes
64610 HLX	12.0 V	50.00 W	3350 K	1600 lm	11.5 mm	44.0 mm	50 h	G6.35	12 mm	Yes
64611 HLX	12.0 V	50.00 W	3250 K	1350 lm	11.5 mm	44.0 mm	100 h	G6.35	12 mm	Yes
62138 HLX	12.0 V	100.00 W	3350 K	3050 lm	11.5 mm	37.0 mm	50 h	G6.35	12 mm	Yes
64621 HLX	12.0 V	100.00 W	3300 K	2880 lm	11.5 mm	48.0 mm	2000 h	PG22	12 mm	Yes
64623 HLX	12.0 V	100.00 W	3300 K	2800 lm	11.5 mm	44.0 mm	2000 h	GY6.35	12 mm	Yes
64625 HLX	12.0 V	100.00 W	3450 K	3600 lm	11.5 mm	44.0 mm	50 h	GY6.35	12 mm	Yes
64628 100 W 12 V	12.0 V	100.00 W	3500 K	3420 lm	13.0 mm	57.0 mm	50 h	GY9.5	12 mm	Yes
64626 HLX ¹⁾	12.0 V	100.00 W	3450 K	3500 lm	11.5 mm	48.0 mm	50 h	PG22	12 mm	Yes
64291 XIR	22.8 V	40.00 W	3150 K	1200 lm	12.0 mm	44.0 mm	800 h	G6.35	12 mm	Yes
64650 50 W 22,8 V	22.8 V	50.00 W	3100 K	1150 lm	13.0 mm	44.0 mm	1200 h	G6.35	13 mm	Yes
64668 XIR	22.8 V	80.00 W	3250 K	3050 lm	14.0 mm	44.0 mm	400 h	G6.35	14 mm	Yes
64292 XIR	22.8 V	150.00 W	3250 K	6000 lm	14.0 mm	44.0 mm	600 h	G6.35	14 mm	Yes

Product family datasheet

Product description	Electrical data		Photometrical data		Dimensions & weight		Lifespan	Additional product data		Capabilities
	Nominal voltage	Nominal wattage	Color temperature	Nominal luminous flux	Diameter	Length	Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure	Dimmable
64638 HLX	24.0 V	100.00 W	3100 K	2970 lm	13.0 mm	50.0 mm	300 h	G6.35	14 mm	Yes
64647 120 W 24 V	24.0 V	120.00 W		3600 lm	13.0 mm	44.0 mm	700 h	G6.35	14 mm	Yes
64640 HLX	24.0 V	150.00 W	3450 K	6000 lm	11.5 mm	50.0 mm	50 h	G6.35	11 mm	Yes
64641 HLX	17.0 V	150.00 W			11.5 mm	50.0 mm	2000 h	G6.35	14 mm	Yes
64642 HLX	24.0 V	150.00 W	3450 K	5000 lm	11.5 mm	50.0 mm	300 h	G6.35	11 mm	Yes
64643 150 W 24 V	24.0 V	150.00 W	3450 K	5000 lm	15.0 mm	57.0 mm	100 h	GY9.5	14 mm	Yes
64652 HLX	24.0 V	250.00 W	3400 K	8200 lm	11.5 mm	46.0 mm	50 h	GX5.3	11 mm	Yes
64655 HLX	24.0 V	250.00 W	3550 K	10000 lm	12.5 mm	55.0 mm	50 h	G6.35	14 mm	Yes
64657 HLX	24.0 V	250.00 W		9000 lm	13.5 mm	55.0 mm	300 h	G6.35	14 mm	Yes
64656 HLX	24.0 V	275.00 W	3550 K	10000 lm	13.5 mm	55.0 mm	75 h	G6.35	14 mm	Yes
64654 HLX ¹⁾	24.0 V	250.00 W	3450 K	9000 lm	13.5 mm	68.0 mm	300 h	GY9.5	15 mm	Yes
64663 HLX	36.0 V	400.00 W	3250 K	16200 lm	15.0 mm	60.0 mm	50 h	G6.35	16 mm	Yes
64664 HLX	36.0 V	400.00 W	3500 K		18.0 mm	57.0 mm	150 h	G6.35	15 mm	Yes
64665 HLX	36.0 V	400.00 W	3300 K	12800 lm	18.0 mm	60.0 mm	300 h	G6.35	18 mm	Yes
64633 HLX	15.0 V	150.00 W	3450 K	5600 lm	11.5 mm	44.0 mm	50 h	G6.35	12 mm	Yes
62139 HLX	12.8 V	150.00 W			13.0 mm	50.0 mm	300 h	G6.35	11 mm	Yes

Product description	Burning position	Certificates & standards	Country specific categorizations
		EEI – Energy Label	Order reference
64222 10 W 6 V	Any	B	64222 10W 6V PG
64223 10 W 6 V	Any	B	64223 M/43 10W
64225 10 W 6 V	s90	B	64225
64250 HLX	Any	B	64250 HLX

Product family datasheet

Product description	Burning position	Certificates & standards	Country specific categorizations
		EEI – Energy Label	Order reference
64251 HLX	Any	B	64251 HLX
64265 HLX	Any	B	64265 HLX
64275 AX	Any	C	64275 AX 35W 6V
64258 20 W 12 V	s90	C	64258 20W 12V G
64259 20 W 12 V	s90	B	64259 20W 12V G
64260 30 W 12 V	Any	B	64260 30W 12V P
64261 HLX	Any	B	64261 30W 12V G
64602 50 W 12 V	s90	C	64602 50W 12V G
64610 HLX	s90	B	64610 HLX
64611 HLX	s90	B	64611 HLX
62138 HLX	p90/p15	B	62138 HLX
64621 HLX	s90	B	64621 HLX
64623 HLX	s90	B	64623 HLX
64625 HLX	s90	B	64625 HLX
64628 100 W 12 V	s90	B	64628 100W 12V
64626 HLX ¹⁾	s90	B	64626 HLX
64291 XIR	h90	B	64291
64650 50 W 22,8 V	Any	C	64650 50W 22,8V
64668 XIR	h90	B	64668
64292 XIR	s90	B	64292
64638 HLX	Any	B	64638 HLX
64647 120 W 24 V	Any	B	64647 120W 24V
64640 HLX	s90	B	64640 HLX
64641 HLX	s135	B	64641 HLX

Product family datasheet

Product description	Burning position	Certificates & standards	Country specific categorizations
		EEI – Energy Label	Order reference
64642 HLX	s90	B	64642 HLX
64643 150 W 24 V	s90	B	64643 150W 24V
64652 HLX	p90/p15	B	64652 HLX
64655 HLX	s90	B	64655 HLX
64657 HLX	s90	B	64657 HLX
64656 HLX	s90	B	64656 HLX
64654 HLX ¹⁾	s90	B	64654 HLX
64663 HLX	s90	B	64663 HLX
64664 HLX	s105	B	64664 HLX
64665 HLX	s90	B	64665 HLX
64633 HLX	s90	B	64633 HLX
62139 HLX	h90	B	62139 HLX

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.