

Low-voltage halogen lamps without reflector



Areas of application

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

Product benefits

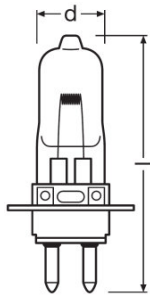
- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

Product features

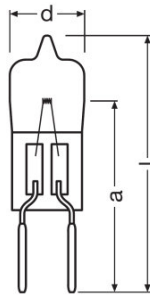
- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)
- HLX tungsten halogen low-voltage lamp with or without reflector
- Dimmable (HLX)



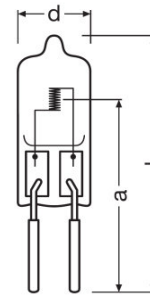
Product family datasheet



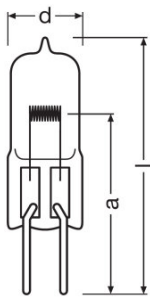
Product line drawing



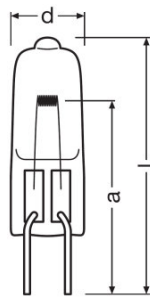
Product line drawing



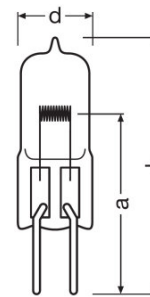
Product line drawing



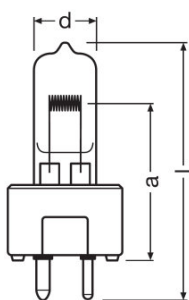
Product line drawing



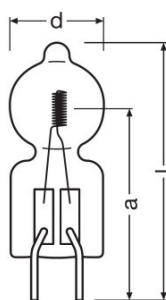
Product line drawing



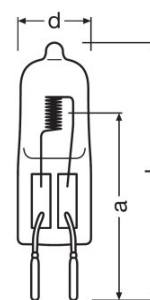
Product line drawing



Product line drawing

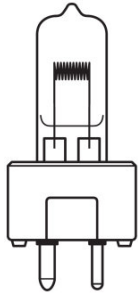


Product line drawing

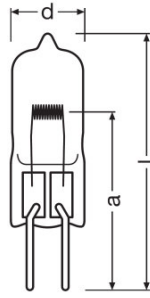


Product line drawing

Product family datasheet



Prod.line drw, front, no dimensions



Product line drawing

Product family datasheet

Technical data

Product description	Electrical data		Photometrical data		Dimensions & weight		Lifespan	Additional product data	Capabilities	Certificates & standards
	Nominal voltage	Nominal wattage	Color temperature	Nominal luminous flux	Diameter	Length	Lifespan	Base (standard designation)	Burning position	EEI – Energy Label
64222 10 W 6 V	6 V	10.00 W	3050 K	150 lm	9 mm	44.0 mm	300 h	PG22	Any	B
Hal Single End 64223 10 W 6 V	6 V	10.00 W	2900 K	150 lm	9 mm	38.0 mm	300 h	G4	Any	B
Hal Single End 64225 10 W 6 V	6 V	10.00 W	3200 K	200 lm	9.5 mm	31.0 mm	100 h	G4	s90	B
64250 HLX	6 V	20.00 W	3350 K	460 lm	9 mm	31.0 mm	100 h	G4	Any	B
64251 HLX	6 V	20.00 W	3350 K	460 lm	9 mm	40.0 mm	100 h	PG22	Any	B
64265 HLX	6 V	30.00 W	3200 K	765 lm	9 mm	31.0 mm	100 h	G4	Any	B
64275 AX	6 V	35.00 W	3350 K	755 lm	9 mm	35.0 mm	50 h	G4	Any	C
64258 20 W 12 V	12.0 V	20.00 W	3050 K	335 lm	9.5 mm	30.0 mm	2000 h	G4	s90	C
64259 20 W 12 V	12.0 V	20.00 W			9.5 mm	30.0 mm	1500 h	G4	s90	B
Hal Single End 64260 30 W 12 V	12.0 V	30.00 W	3300 K	800 lm	9 mm	40.0 mm	50 h	PG22	Any	B
64261 HLX	12.0 V	30.00 W	3300 K	750 lm	11.5 mm	44.0 mm	50 h	G6.35	Any	B
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	s90	C
64610 HLX	12.0 V	50.00 W	3350 K	1600 lm	11.5 mm	44.0 mm	50 h	G6.35	s90	B
64611 HLX	12.0 V	50.00 W	3250 K	1350 lm	11.5 mm	44.0 mm	100 h	G6.35	s90	B
Hal Single End 62138 HLX	12.0 V	100.00 W	3350 K	3050 lm	11.5 mm	37.0 mm	50 h	G6.35	p90/p15	B
Hal Single End 64621 HLX	12.0 V	100.00 W	3300 K	2880 lm	11.5 mm	48.0 mm	2000 h	PG22	s90	B
Hal Single End 64623 HLX	12.0 V	100.00 W	3300 K	2800 lm	11.5 mm	44.0 mm	2000 h	GY6.35	s90	B
64625 HLX	12.0 V	100.00 W	3450 K	3600 lm	11.5 mm	44.0 mm	50 h	GY6.35	s90	B
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	s90	B
64626 HLX ¹⁾	12.0 V	100.00 W	3450 K	3500 lm	11.5 mm	48.0 mm	50 h	PG22	s90	B
64291 XIR	22.8 V	40.00 W	3150 K	1200 lm	12.0 mm	44.0 mm	800 h	G6.35	h90	B
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	Any	C
Hal Single End 64668 XIR	22.8 V	80.00 W	3250 K	3050 lm	14.0 mm	44.0 mm	400 h	G6.35	h90	B

Product family datasheet

Product description	Electrical data		Photometrical data		Dimensions & weight		Lifespan	Additional product data	Capabilities	Certificates & standards
	Nominal voltage	Nominal wattage	Color temperature	Nominal luminous flux	Diameter	Length	Lifespan	Base (standard designation)	Burning position	EEI – Energy Label
64292 XIR	22.8 V	150.00 W	3250 K	6000 lm	14.0 mm	44.0 mm	600 h	G6.35	s90	B
Hal Single End 64638 HLX	24.0 V	100.00 W	3100 K	2970 lm	13.0 mm	50.0 mm	300 h	G6.35	Any	B
Hal Single End 64647 120 W 24 V	24.0 V	120.00 W		3600 lm	13.0 mm	44.0 mm	700 h	G6.35	Any	B
Hal Single End 64640 HLX	24.0 V	150.00 W	3450 K	6000 lm	11.5 mm	50.0 mm	50 h	G6.35	s90	B
64641 HLX	17.0 V	150.00 W			11.5 mm	50.0 mm	2000 h	G6.35	s135	B
Hal Single End 64642 HLX	24.0 V	150.00 W	3450 K	5000 lm	11.5 mm	50.0 mm	300 h	G6.35	s90	B
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	s90	B
64652 HLX	24.0 V	250.00 W	3400 K	8200 lm	11.5 mm	46.0 mm	50 h	GX5.3	p90/p15	B
64655 HLX	24.0 V	250.00 W	3550 K	10000 lm	12.5 mm	55.0 mm	50 h	G6.35	s90	B
64657 HLX	24.0 V	250.00 W		9000 lm	13.5 mm	55.0 mm	300 h	G6.35	s90	B
Hal Single End 64656 HLX	24.0 V	275.00 W	3550 K	10000 lm	13.5 mm	55.0 mm	75 h	G6.35	s90	B
Hal Single End 64654 HLX ¹⁾	24.0 V	250.00 W	3450 K	9000 lm	13.5 mm	68.0 mm	300 h	GY9.5	s90	B
Hal Single End 64663 HLX	36.0 V	400.00 W	3250 K	16200 lm	15.0 mm	60.0 mm	50 h	G6.35	s90	B
64664 HLX	36.0 V	400.00 W	3500 K		18.0 mm	57.0 mm	150 h	G6.35	s105	B
64665 HLX	36.0 V	400.00 W	3300 K	12800 lm	18.0 mm	60.0 mm	300 h	G6.35	s90	B
Hal Single End 64633 HLX	15.0 V	150.00 W	3450 K	5600 lm	11.5 mm	44.0 mm	50 h	G6.35	s90	B
62139 HLX	12.8 V	150.00 W			13.0 mm	50.0 mm	300 h	G6.35	h90	B

Product description	Country specific categorizations
	Order reference
64222 10 W 6 V	64222 10W 6V PG
Hal Single End 64223 10 W 6 V	64223 M/43 10W
Hal Single End 64225 10 W 6 V	64225

Product family datasheet

Product description	Country specific categorizations
	Order reference
64250 HLX	64250 HLX
64251 HLX	64251 HLX
64265 HLX	64265 HLX
64275 AX	64275 AX 35W 6V
64258 20 W 12 V	64258 20W 12V G
64259 20 W 12 V	64259 20W 12V G
Hal Single End 64260 30 W 12 V	64260 30W 12V P
64261 HLX	64261 30W 12V G
64602 50 W 12 V	64602 50W 12V G
64610 HLX	64610 HLX
64611 HLX	64611 HLX
Hal Single End 62138 HLX	62138 HLX
Hal Single End 64621 HLX	64621 HLX
Hal Single End 64623 HLX	64623 HLX
64625 HLX	64625 HLX
64628 100 W 12 V	64628 100W 12V
64626 HLX ¹⁾	64626 HLX
64291 XIR	64291
64650 50 W 22,8 V	64650 50W 22,8V
Hal Single End 64668 XIR	64668
64292 XIR	64292
Hal Single End 64638 HLX	64638 HLX
Hal Single End 64647 120 W 24 V	64647 120W 24V
Hal Single End 64640 HLX	64640 HLX
64641 HLX	64641 HLX
Hal Single End 64642 HLX	64642 HLX

Product family datasheet

Product description	Country specific categorizations
Product description	Order reference
64643 150 W 24 V	64643 150W 24V
64652 HLX	64652 HLX
64655 HLX	64655 HLX
64657 HLX	64657 HLX
Hal Single End 64656 HLX	64656 HLX
Hal Single End 64654 HLX ¹⁾	64654 HLX
Hal Single End 64663 HLX	64663 HLX
64664 HLX	64664 HLX
64665 HLX	64665 HLX
Hal Single End 64633 HLX	64633 HLX
62139 HLX	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.