

## Low-voltage halogen lamps without reflector



### Areas of application

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

### Product family benefits

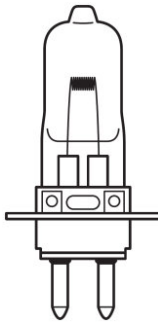
- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

### 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)



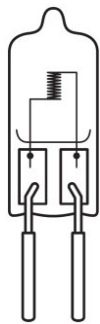
## Product family datasheet



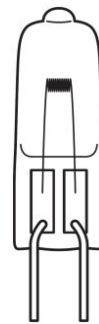
383463\_HALOGEN NIEDERVOLT LAMPE PG 22



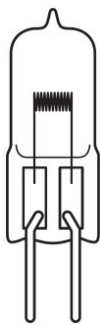
486997\_LOW-VOLTAGE HALOGEN LAMP 64250



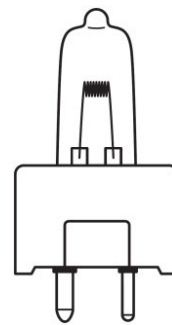
383896\_LOW-VOLTAGE HALOGEN LAMP 62138



384396\_LOW-VOLTAGE HALOGEN LAMP 64611

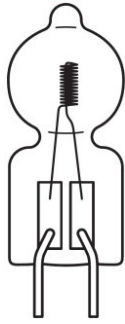


487001\_LOW-VOLTAGE HALOGEN LAMP 64640



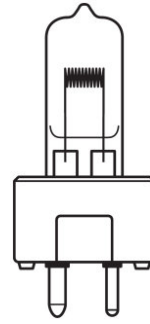
384405\_LOW-VOLTAGE HALOGEN LAMP 64628

## Product family datasheet



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384421\_LOW-VOLTAGE HALOGEN LAMP 64668



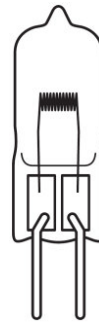
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384398\_LOW-VOLTAGE HALOGEN LAMP 64643



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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 A/261 FDT	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 A1/262 FD	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

Product description	Environmental information			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1
64222 10 W 6 V	04-01-2022	4050300327273   4008321074140	No declarable substances contained	No CAS
64223 10 W 6 V	04-01-2022	4008321107039	No declarable substances contained	No CAS
64225 10 W 6 V	11-01-2022	4050300006758   4055462168290	No declarable substances contained	No CAS
64250 HLX	11-01-2022	4050300012407   4055462168269	No declarable substances contained	No CAS
64251 HLX	11-01-2022	4050300338316   4050300582290	No declarable substances contained	No CAS
64265 HLX	11-01-2022	4008321107053   4055462167620	No declarable substances contained	No CAS
64275 AX	04-01-2022	4050300258690	No declarable substances contained	No CAS
64258 20 W 12 V	11-01-2022	4050300285153   4008321136336   4008321644794   4008321659408   4052899152717	No declarable substances contained	No CAS
64259 20 W 12 V	11-01-2022	4008321352569	No declarable substances contained	No CAS
64260 30 W 12 V	04-01-2022	4050300099798   4008321074164	No declarable substances contained	No CAS
64261 HLX	04-01-2022	4050300220529	No declarable substances contained	No CAS
64602 50 W 12 V	04-01-2022	4008321107077	No declarable substances contained	No CAS

## Product family datasheet

Product description	Environmental information			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1
64610 HLX	11-01-2022	4050300021058   4050300006697   4008321182821   4055462168207	No declarable substances contained	No CAS
64611 HLX	04-01-2022	4008321107091	No declarable substances contained	No CAS
62138 HLX	04-01-2022	4050300242958	No declarable substances contained	No CAS
64621 HLX	04-01-2022	4050300535531	No declarable substances contained	No CAS
64623 HLX	11-01-2022	4050300012018   4008321037213   4055462167774   4055462167804	No declarable substances contained	No CAS
64625 HLX	11-01-2022	4050300006703   4055462167651   4055462167590	No declarable substances contained	No CAS
64628 100 W 12 V	04-01-2022	4008321099549	No declarable substances contained	No CAS
64626 HLX <sup>1)</sup>	04-01-2022	4050300006765	No declarable substances contained	No CAS
64291 XIR	11-01-2022	4008321330550	No declarable substances contained	No CAS
64650 50 W 22,8 V	04-01-2022	4008321107138	No declarable substances contained	No CAS
64668 XIR	11-01-2022	4008321331182	No declarable substances contained	No CAS
64292 XIR	11-01-2022	4008321330598	No declarable substances contained	No CAS
64638 HLX	04-01-2022	4050300283050	No declarable substances contained	No CAS
64647 120 W 24 V	14-01-2022	4008321107114   8711500428264	No declarable substances contained	No CAS
64640 HLX	11-01-2022	4050300006727   4008321191434   4055462167682   4055462168238	No declarable substances contained	No CAS
64641 HLX	11-01-2022	4050300048260   4055462170156   4055462170187	No declarable substances contained	No CAS
64642 HLX	11-01-2022	4050300012025   4008321173867   4008321333865	No declarable substances contained	No CAS
64643 150 W 24 V	04-01-2022	4008321099648	No declarable substances contained	No CAS
64652 HLX	04-01-2022	4052899100916	No declarable substances contained	No CAS
64655 HLX	11-01-2022	4050300230337   4050300006734   4055462167743	No declarable substances contained	No CAS

## Product family datasheet

Product description	Environmental information			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1
64657 HLX	14-01-2022	4050300012001   4055462167552	No declarable substances contained	
64656 HLX	04-01-2022	4050300023120	No declarable substances contained	No CAS
64654 HLX <sup>1)</sup>	04-01-2022	4008321131973   4008321241399	No declarable substances contained	No CAS
64663 HLX	11-01-2022	4050300900490   4050300006741	No declarable substances contained	No CAS
64664 HLX	11-01-2022	4008321241474	No declarable substances contained	No CAS
64665 HLX	11-01-2022	4008321099761   4008321833815	No declarable substances contained	No CAS
64633 HLX	04-01-2022	4050300006710   4055462167910	No declarable substances contained	No CAS
62139 HLX	11-01-2022	4008321746399   4008321746276	No declarable substances contained	No CAS

Product description	Declaration No. in SCIP database
64222 10 W 6 V	No declarable substances contained
64223 10 W 6 V	No declarable substances contained
64225 10 W 6 V	No declarable substances contained
64250 HLX	No declarable substances contained
64251 HLX	No declarable substances contained
64265 HLX	No declarable substances contained
64275 AX	No declarable substances contained
64258 20 W 12 V	No declarable substances contained
64259 20 W 12 V	No declarable substances contained
64260 30 W 12 V	No declarable substances contained
64261 HLX	No declarable substances contained
64602 50 W 12 V	No declarable substances contained
64610 HLX	No declarable substances contained
64611 HLX	No declarable substances contained



## Product family datasheet

Product description	Declaration No. in SCIP database
62138 HLX	No declarable substances contained
64621 HLX	No declarable substances contained
64623 HLX	No declarable substances contained
64625 HLX	No declarable substances contained
64628 100 W 12 V	No declarable substances contained
64626 HLX <sup>1)</sup>	No declarable substances contained
64291 XIR	No declarable substances contained
64650 50 W 22,8 V	No declarable substances contained
64668 XIR	No declarable substances contained
64292 XIR	No declarable substances contained
64638 HLX	No declarable substances contained
64647 120 W 24 V	In work
64640 HLX	No declarable substances contained
64641 HLX	No declarable substances contained
64642 HLX	No declarable substances contained
64643 150 W 24 V	No declarable substances contained
64652 HLX	No declarable substances contained
64655 HLX	No declarable substances contained
64657 HLX	In work
64656 HLX	No declarable substances contained
64654 HLX <sup>1)</sup>	No declarable substances contained
64663 HLX	No declarable substances contained
64664 HLX	No declarable substances contained
64665 HLX	No declarable substances contained
64633 HLX	No declarable substances contained

## Product family datasheet

Product description	Declaration No. in SCIP database
62139 HLX	No declarable substances contained

<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.