

## Low-voltage halogen lamps without reflector



### Areas of application

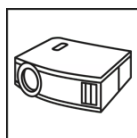
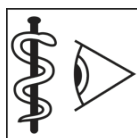
- Lamps for special luminaires
- Medical fiber optics (HLX)

### Product family benefits

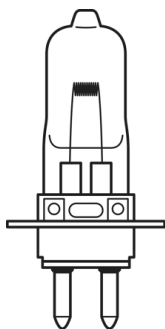
- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

### Product family features

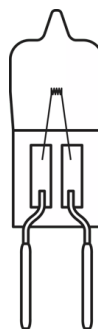
- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)
- HLX tungsten halogen low-voltage lamp with or without reflector
- Dimmable (HLX)



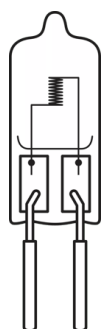
## Product family datasheet



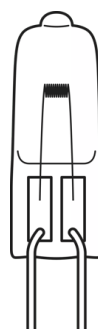
383463\_HALOGEN NIEDERVOLT LAMPE PG 22



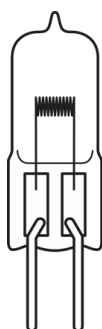
486997\_LOW-VOLTAGE HALOGEN LAMP 64250



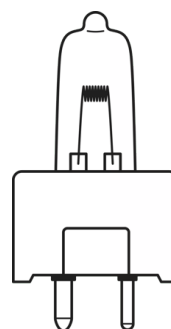
383896\_LOW-VOLTAGE HALOGEN LAMP 62138



384396\_LOW-VOLTAGE HALOGEN LAMP 64611

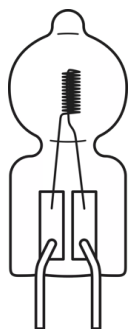


487001\_LOW-VOLTAGE HALOGEN LAMP 64640



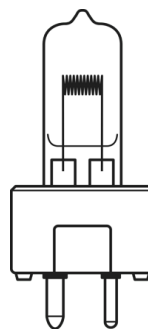
384405\_LOW-VOLTAGE HALOGEN LAMP 64628

## Product family datasheet



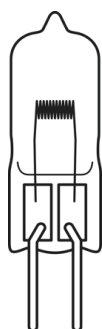
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384421\_LOW-VOLTAGE HALOGEN LAMP 64668



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384398\_LOW-VOLTAGE HALOGEN LAMP 64643



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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	30.5 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	24.0 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 FDS 150W	24.0 V	150.00 W	3450 K	5000 lm	15.0 mm	57.0 mm
64655 HLX	64655 HLX	24.0 V	250.00 W	3550 K	10000 lm	12.5 mm	55.0 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
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	Environmental information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
	Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure	Burning position	Date of Declaration
64222 10 W 6 V	300 h	PG22	9 mm	Any	29-02-2024
64223 10 W 6 V	300 h	G4	9 mm	Any	29-02-2024
64225 10 W 6 V	100 h	G4	9 mm	s90	29-02-2024
64250 HLX	100 h	G4	9 mm	Any	29-02-2024
64251 HLX	100 h	PG22	9 mm	Any	29-02-2024
64265 HLX	100 h	G4	9 mm	Any	29-02-2024
64275 AX	50 h	G4	9 mm	Any	29-02-2024
64258 20 W 12 V	2000 h	G4	9 mm	s90	29-02-2024
64260 30 W 12 V	50 h	PG22	9 mm	Any	29-02-2024
64261 HLX	50 h	G6.35	12 mm	Any	29-02-2024
64602 50 W 12 V	1100 h	G6.35	12 mm	s90	29-02-2024
64610 HLX	50 h	G6.35	12 mm	s90	29-02-2024
64611 HLX	100 h	G6.35	12 mm	s90	29-02-2024
62138 HLX	50 h	G6.35	12 mm	p90/p15	29-02-2024
64621 HLX	2000 h	PG22	12 mm	s90	29-02-2024
64623 HLX	2000 h	GY6.35	12 mm	s90	05-04-2024
64625 HLX	50 h	GY6.35	12 mm	s90	29-02-2024
64628 100 W 12 V	50 h	GY9.5	12 mm	s90	29-02-2024
64626 HLX <sup>1)</sup>	50 h	PG22	12 mm	s90	29-02-2024
64291 XIR	800 h	G6.35	12 mm	h90	29-02-2024
64650 50 W 22,8 V	1200 h	G6.35	13 mm	Any	29-02-2024
64668 XIR	400 h	G6.35	14 mm	h90	29-02-2024
64292 XIR	600 h	G6.35	14 mm	s90	29-02-2024
64638 HLX	300 h	G6.35	14 mm	Any	29-02-2024
64647 120 W 24 V	700 h	G6.35	14 mm	Any	29-02-2024

## Product family datasheet

	Lifespan	Additional product data		Capabilities	Environmental information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
Product description	Lifespan	Base (standard designation)	Minimum diameter of lamp enclosure	Burning position	Date of Declaration
64640 HLX	50 h	G6.35	11 mm	s90	16-05-2024
64641 HLX	200 h	G6.35	14 mm	s135	29-02-2024
64642 HLX	300 h	G6.35	11 mm	s90	29-02-2024
64643 150 W 24 V	100 h	GY9.5	14 mm	s90	04-04-2024
64655 HLX	50 h	G6.35	14 mm	s90	29-02-2024
64657 HLX	300 h	G6.35	14 mm	s90	29-02-2024
64656 HLX	75 h	G6.35	14 mm	s90	29-02-2024
64654 HLX <sup>1)</sup>	300 h	GY9.5	15 mm	s90	29-02-2024
64663 HLX	50 h	G6.35	16 mm	s90	29-02-2024
64664 HLX	150 h	G6.35	15 mm	s105	29-02-2024
64665 HLX	300 h	G6.35	18 mm	s90	29-02-2024
64633 HLX	50 h	G6.35	12 mm	s90	29-02-2024
62139 HLX	300 h	G6.35	11 mm	h90	29-02-2024

Product description	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database	Country specific categorizations LIF
64222 10 W 6 V	4050300327273   4008321074140	No declarable substances contained	No declarable substances contained	
64223 10 W 6 V	4008321107039	No declarable substances contained	No declarable substances contained	M/43
64225 10 W 6 V	4050300006758   4055462168290	No declarable substances contained	In work	M/29
64250 HLX	4050300012407   4055462168269	No declarable substances contained	In work	M/30
64251 HLX	4050300338316   4050300582290	No declarable substances contained	In work	
64265 HLX	4008321107053   4055462167620	No declarable substances contained	In work	
64275 AX	4050300258690	No declarable substances contained	No declarable substances contained	M/137
64258 20 W 12 V	4050300285153   4008321136336   4008321644794   4008321659408   4052899152717   4062172404891   4062172404877	No declarable substances contained	In work	
64260 30 W 12 V	4050300099798   4008321074164	No declarable substances contained	No declarable substances contained	M/185
64261 HLX	4050300220529	No declarable substances contained	No declarable substances contained	M/130

## Product family datasheet

Product description	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database	Country specific categorizations
				LIF
64602 50 W 12 V	4008321107077	No declarable substances contained	No declarable substances contained	M/134
64610 HLX	4050300021058   4050300006697   4008321182821   4055462168207	No declarable substances contained	In work	A1/220
64611 HLX	4008321107091	No declarable substances contained	No declarable substances contained	
62138 HLX	4050300242958	No declarable substances contained	No declarable substances contained	
64621 HLX	4050300535531	No declarable substances contained	No declarable substances contained	
64623 HLX	4050300012018   4008321037213	No declarable substances contained	In work	M/28
64625 HLX	4050300006703	No declarable substances contained	No declarable substances contained	A1/215
64628 100 W 12 V	4008321099549	No declarable substances contained	No declarable substances contained	A1/261
64626 HLX <sup>1)</sup>	4050300006765   4008321819963	No declarable substances contained	No declarable substances contained	A1/45
64291 XIR	4008321330550	No declarable substances contained	No declarable substances contained	
64650 50 W 22,8 V	4008321107138	No declarable substances contained	No declarable substances contained	
64668 XIR	4008321331182	No declarable substances contained	No declarable substances contained	
64292 XIR	4008321330598	No declarable substances contained	No declarable substances contained	
64638 HLX	4050300283050	No declarable substances contained	No declarable substances contained	
64647 120 W 24 V	4008321107114   8711500428264	No declarable substances contained	In work	
64640 HLX	4050300006727   4008321191434   4055462167682   4055462168238	No declarable substances contained	In work	A1/216
64641 HLX	4050300048260	No declarable substances contained	No declarable substances contained	
64642 HLX	4050300012025   4008321173867   4008321333865	No declarable substances contained	In work	M/184
64643 150 W 24 V	4008321099648	No declarable substances contained	No declarable substances contained	A1/262
64655 HLX	4050300006734   4055462167743	No declarable substances contained	In work	A1/223
64657 HLX	4050300012001   4055462167552	No declarable substances contained	In work	M/33
64656 HLX	4050300023120	No declarable substances contained	No declarable substances contained	

## Product family datasheet

Product description	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database	Country specific categorizations
				LIF
64654 HLX <sup>1)</sup>	4008321131973   4008321241399	No declarable substances contained	No declarable substances contained	
64663 HLX	4050300900490   4050300006741	No declarable substances contained	In work	A1/239
64664 HLX	4008321241474	No declarable substances contained	No declarable substances contained	A1/270
64665 HLX	4008321099761   4008321833815	No declarable substances contained	In work	A1/166
64633 HLX	4050300006710   4055462167910	No declarable substances contained	In work	A1/234
62139 HLX	4008321746399   4008321746276	No declarable substances contained	In work	

Product description	ANSI code
64222 10 W 6 V	
64223 10 W 6 V	
64225 10 W 6 V	ESA/FHS
64250 HLX	ESB
64251 HLX	
64265 HLX	
64275 AX	
64258 20 W 12 V	
64260 30 W 12 V	
64261 HLX	
64602 50 W 12 V	
64610 HLX	BRL
64611 HLX	
62138 HLX	
64621 HLX	
64623 HLX	EVA
64625 HLX	FCR
64628 100 W 12 V	FDT
64626 HLX <sup>1)</sup>	EHE
64291 XIR	
64650 50 W 22,8 V	
64668 XIR	
64292 XIR	
64638 HLX	
64647 120 W 24 V	
64640 HLX	FCS
64641 HLX	
64642 HLX	FDV
64643 150 W 24 V	FDS
64655 HLX	EHJ



## Product family datasheet

Product description	ANSI code
64657 HLX	EVC
64656 HLX	FNT
64654 HLX <sup>1)</sup>	
64663 HLX	EVD
64664 HLX	
64665 HLX	
64633 HLX	BRJ
62139 HLX	

<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.