

Excelitas (former PerkinElmer) Cermax Xenon Short-Arc Lamps

Type	Wattage		Voltage		Ampere		Color Temp. (K)	Price
	Nominal	Range	Nominal	Range	Nominal	Range		
PE125BF	125	75-150	11	9.5-12.5	12	6-14	5600	319,00
PE125BUV	125	75-150	11	9.5-12.5	12	6-14	5050	319,00
PE150AF	150	100-150	11,7	10-13.6	12,5	10-14	5900	273,00
PE150AUV	150	100-150	11,7	10-13.6	12,5	10-14	5050	385,00
PE150BF	150	100-150	11,7	10-13.6	12,5	10-14	5900	319,00
PE150BUV	150	100-150	11,7	10-13.6	12,5	10-14	5050	480,00
PE175BF	175	150-200	12.5	11-14	14	12-16	5600	273,00
PE175BUV	175	150-200	12.5	11-14	14	12-16	5050	273,00
PE300BF	300	180-320	14	13-16	21	10-22	5600	273,00
ME300BF	300	275-325	13,5	12-15	-	17-25	6000	315,00
PE300BUV	300	180-320	14	13-16	21	10-22	5050	273,00
PE300B-10F	300	175-305	13.5	11.5-15	22	13-23	5900	449,00
PE300C-10F	300	175-300	13.5	11.5-15	22	13-23	5900	449,00
PE300C-13F	300	175-300	13.5	11.5-15	22	13-23	5900	on req.
PE300C-13UV	300	175-300	13.5	11.5-15	22	13-23	5050	on req.
PE500C-13F	500	350-525	15.5	14-16.5	32	23-35	5900	on req.
PE500C-13UV	500	350-525	15.5	14-16.5	32	23-35	5050	on req.
PE500DUV	500	340-575	18.5	16-21	27	20-32	5050	on req.
PE700C-13F	700	600-750	16.85	15.5-18	41.5	35-46	5900	on req.
PE700C-13UV	700	600-750	16.85	15.5-18	41.5	35-46	5050	on req.
PE1000DF	1000	850-1050	19.5	18.5-22	51	46-54	5600	on req.
PE1000DUV	1000	850-1050	19.5	18.5-22	51	46-54	5050	on req.
PE1000D-13F	1000	600-1050	20	15-24	50	30-56	5900	on req.
PE1000D-13UV	1000	600-1050	20	15-24	50	30-56	5050	on req.
PE1200D-13F	1200	950-1250	19	17-22	63	45-70	5900	on req.
PE1500D-13F	1500	900-1550	18,5	17-23	65	45-80	5900	on req.
PE2400E-13F (XE2400E-13FH)	2400	1800-2700	23	19-26	104	75-110	5900	on req.

Please note that some lamp types are subject to minimum order quantities.

Luxtel CeraLux Ceramic Xenon Short-Arc Lamps

Type	Wattage		Voltage		Ampere		Color Temp. (K)	Price
	Nominal	Range	Nominal	Range	Nominal	Range		
CL85AF	85	85-100	11	10-14	7.7	7-10	5800	on req.
CL85AUV	85	85-100	11	10-14	7.7	7-10	5100	on req.
CL85AF-10F	85	85-100	11	10-14	7.7	7-10	5800	on req.
CL85AUV-10F	85	85-100	11	10-14	7.7	7-10	5100	on req.
CL125BF	125	75-150	11	9.5-12.5	12	8-14	5800	273,00
CL125BUV	125	75-150	11	9.5-12.5	12	8-14	5100	319,00
CL125BF-10F	125	75-150	11	10-12.5	11	8-14	5800	273,00
CL125BUV-10F	125	75-150	11	10-12.5	11	8-14	5100	319,00
CL150AF	150	100-160	13	11-14	12.5	10-14	5800	273,00
CL150AUV	150	100-160	13	11-14	12.5	10-14	5100	on req.
CL150AF-10F	150	100-160	13	11-14	12.5	10-14	5800	337,00
CL150AUV-10F	150	100-160	13	11-14	12.5	10-14	5100	on req.
CL175BF	175	150-200	12.5	11-14	14	12-16	5800	273,00
CL175BUV	175	150-200	12.5	11-14	14	12-16	5100	319,00
CL175BF-10F	175	150-200	12.5	10.5-13.5	14	12-16	5800	319,00
CL175BUV-10F	175	150-200	12.5	10.5-13.5	14	12-16	5100	on req.
CL300BF	300	180-330	14	13-16	21	10-22	5800	273,00
CL300BUV	300	180-330	14	13-16	21	10-22	5100	319,00
CL300BF-10F	300	175-330	13.5	11.5-15	22	13-23	5800	319,00
CL300BUV-10F	300	175-330	13.5	11.5-15	22	13-23	5100	319,00
CL300CF-10F	300	175-300	14	12-15	22	13-23	5900	480,00
CL300CF-13F	300	175-300	14	12-15	22	13-23	5900	532,00
CL330CF-10FV	330	270-390	15	14-17	23	21-26	5900	on req.
CL330CF-13FV	330	270-390	15	14-17	23	21-26	5900	on req.
CL420CF-10FV	420	350-420	16	15-17	26	24-28	5900	on req.
CL420CF-13FV	420	350-420	16	15-17	26	24-28	5900	on req.
CL500CF-10F	500	350-525	16	14-17	32	23-35	5900	on req.
CL500CF-13F	500	350-525	16	14-17	32	23-35	5900	545,00
CL700CF-10F	700	600-750	17	15-18	41	35-45	5900	on req.
CL700CF-13F	700	600-750	17	15-18	41	35-45	5900	719,00
CL500DF	500	330-575	18.5	16-21	27	20-32	5900	on req.
CL500DUV	500	330-575	18.5	16-21	27	20-32	5050	on req.
CL550CF-10FV	550	400-575	16	15-18	35	32-38	5900	on req.
CL550CF-13FV	550	400-575	16	15-18	35	32-38	5900	on req.
CL700DF	700	550-800	19	17-22	37	32-40	5900	on req.
CL700DUV	700	550-800	19	17-22	37	32-40	5050	on req.
CL750CF-10FV	750	600-775	17	16-19	43	40-45	5900	on req.
CL750CF-13FV	750	600-775	17	16-19	43	40-45	5900	on req.
CL1000DF	1000	850-1050	19.5	18-22	51	46-54	5900	1.053,00
CL1000DUV	1000	850-1050	19.5	18-22	51	46-54	5050	on req.
CL1000DF-10F	1000	600-1050	20	15-22	50	30-52	5900	on req.
CL1000DF-13F	1000	600-1050	20	15-22	50	30-52	5900	943,00

Luxtel CeraLux Ceramic Xenon Short-Arc Lamps

Type	Wattage		Voltage		Ampere		Color Temp. (K)	Price
	Nominal	Range	Nominal	Range	Nominal	Range		
CL1200DF-10F	1200	800-1250	19	17-22	63	45-65	5900	on req.
CL1200DF-13F	1200	800-1250	19	17-22	63	45-65	5900	1.013,00
CL1200DF-10FV	1200	900-1300	18	16-22	65	45-70	5900	on req.
CL1200DF-13FV	1200	900-1300	18	16-22	65	45-70	5900	on req.
CL1500DF-10F	1500	900-1550	18.5	17-23	65	45-80	5900	on req.
CL1500DF-13F	1500	900-1550	18.5	17-23	65	45-80	5900	1.102,00
CL1500DF-10FV	1500	1100-1600	19	17-22	73	55-75	5900	on req.
CL1500DF-13FV	1500	1100-1600	19	17-22	73	55-75	5900	on req.
CL1576	300							469,00
CL1850DF-10FV	1800	1300-1850	20	19-26	80	60-90	5900	on req.
CL1850DF-10FV	1800	1300-1850	20	19-26	80	60-90	5900	on req.

Please note that some lamp types are subject to minimum order quantities.

Osram HBO Mercury Short-Arc Lamps

Type	AC/DC	W	V	A	lm	lm/W	cd	cd/cm2	t(h)	Ø (mm)	l (mm)	Price
HBO 50 W/3	DC	50	23	2.2	1300	26	150	90000	200	9.5	53	121,00
HBO 50 W/AC L1	AC	50	39...45	1.3	2000	40	230	30000	100	9.5	53	96,00
HBO 50 W/AC L2	AC	50	34...39	1.45	2000	40	230	30000	100	9.5	53	103,00
HBO 100 W/2	DC	100	20.5	5	2200	22	260	170000	200	10	90	103,00
HBO 103 W/2*	DC	100	22.5	4.4	3000	30	300	170000	300	10	90	120,00
HBO R 103 W/45	DC	100	22.5	4.4	-	-	-	-	300	67	81.5	345,00
HBO 200 W L1	AC	200	57	3.5								373,00
HBO 200 W/2 L1***	AC	200	57...65	3.6	10000	50	1000	40000	400/200	17	128	147,00
HBO 200 W/2 L2***	AC	200	49...57	4.2	10000	50	1000	40000	400/200	17	128	147,00
HBO 200 W/DC	DC	200	57	3.5	10000	50	1100	40000	1000	17	128	158,00
HBO 200 W/4****	AC	200	55...67	3.6	9500	47.5	950	33000	200	17	128	185,00
HBO 201 W/HS-D2		200	25	8								761,00
HBO 202 W/4		200										185,00
HBO 250 W/HS		250										934,00
HBO 250 W/BY	DC	250	40	6.5					2000/-	20	152	461,00
HBO 350 W	DC	350**	67.5	5.3					600/-	20	128	246,00
HBO 350 W/S	DC	350	68	5.15					600/-	20	127	250,00
HBO 500 W/A	DC	500	60	8.3					800/-	29	190	389,00
HBO 500 W/B	DC	500	48.5	10.3					800/-	29	180	389,00
HBO 1000 W/D	DC	1000	37.7	26.5					1000/-	40	240	609,00
HBO 1500 W/CIEL	DC	1500	23	65								1.883,00
HBO 1500 W/CIL	DC	1500	23	65.2					1500/-	50	262	1.565,00
HBO 2000 W/NIL	DC	1750	26	67					1500/-	55	251	1.801,00
HBO 2001 W/NIEL	DC	1750	26	67								2.294,00
HBO 2001 W/NIL	DC	1750	26	67					1500/-	52	251	1.801,00
HBO 2501 W/NIL	DC	2500	23	109					1500/-	70	367	2.294,00
HBO 3500 W/PI	DC	3400	23	148					850/-	77	360	2.829,00

t(h) = typical life (vertical/horizontal)

* lamp optimised for fluorescence microscopy

** suitable for pulse operation between 250 W and 500 W

*** can be operated on AC or DC

Please note that some lamp types are subject to minimum order quantities.

Osram XBO Xenon Short-Arc Lamps

Type	W	V	A	lm	cd	cd/cm2	t (h) *	Ø (mm)	l (mm)	Price
XBO 75 W/2	75	14	5.4	1000	100	40000	400/400	10	90	159,00
XBO 75 W/2 OFR	75	14	5.4				400/400	10	90	159,00
XBO 100 W OFR	100	14	7.2	1900	270	31000	500/500	11	90	187,00
XBO R 100 W/45 OFR	100	12-14	7.2				-/500	67	77	356,00
XBO R 100 W/45C OFR	100	12-14	7.2				-/500	67	77	360,00
XBO R 101 W/45C OFR	100	12-14	7.2				-/500	67	77	360,00
XBO 150 W/1	150	20	7.5	3000	300	15000	1200/-	20	150	209,00
XBO 150 W/1 OFR	150	20	7.5				1200/-	20	150	209,00
XBO 150 W/CR OFR	150	17.5	8.5	2900	290	20000	3000/1200	20	150	209,00
XBO 150 W/4 Suprasil	150	20	7.5							344,00
XBO R 180 W/45	180	14	12	-	-	-	-/500	67	90.5	343,00
XBO R 180 W/45C	180	14	12							334,00
XBO R 181 W/45C OFR	180	12.8-14.8	12				-/500	67	81.5	351,00
XBO R 300 W/60 C OFR	300	17.5	17.1	-	-	-	-/500	82.5	110	665,00
XBO 450 W	450	17	25	13000	1300	35000	2000	29	260	383,00
XBO 450 W OFR	450	17	25							389,00
XBO 450 W/1	450	17	25	13000	1300	45000	800	29	260	396,00
XBO 450 W/2 OFR	450	17	25	13000	1300	35000	2000	29	177	383,00
XBO 450 W/4 Suprasil	450	17	25							686,00
XBO 500 W/H OFR	500	17	28	14500	1450	40000	2000	35	190	373,00
XBO 550 W/HTC	550	22	25	16000	1600	34000	600	25	143	429,00
XBO 700 W/HS OFR	700	18	37							419,00
XBO 700 W/HSC OFR	700	18	37	20000	2000	40000	1500	40	223	419,00
XBO 900 W OFR	900	19	45	30000	3000	50000	2400	40	325	396,00
XBO 1000 W/HS OFR	1000	19	50	32000	3000	60000	2000	40	235	417,00
XBO 1000 W/HSC OFR	1000	19	50	32000	3000	60000	2000	40	236	417,00
XBO 1000 W/HTP OFR	1000	21	45	35000	3200	45000	2400	46	330	417,00
XBO 1600 W OFR	1600	24	65	60000	6000	65000	2400	52	370	498,00
XBO 1600 W/CA OFR	1600	24	65	60000	6000	65000	2400	52	370	575,00
XBO 1600 W/HS OFR	1550	23	65	70000	5500	70000	2000	46	235	498,00
XBO 1600 W/HSC OFR	1550	23	65	60000	5500	70000	2000	47	236	540,00
XBO 2000 W/H OFR	2000	28	70	80000	7500	75000	2400	52	370	736,00
XBO 2000 W/HS OFR	2000	24	80	80000	7500	80000	2400	60	342	736,00
XBO 2000 W/HTP OFR	2000	27	70	80000	7500	75000	2400	52	375	736,00
XBO 2000 W/SHSC OFR	2000	27	70	80000	7500	80000	2000	46	236	713,00
XBO 2500 W OFR	2500	29	85	100000	9500	61000	2000	60	428	730,00
XBO 2500 W/HS OFR	2500	28	90	100000	10000	80000	1500	60	342	730,00
XBO 3000 W/H OFR	3000	29	100	130000	12000	85000	1500	66	428	762,00
XBO 3000 W/HS OFR	3000	29	100	130000	12000	90000	1500	60	342	762,00
XBO 4000 W/HS OFR	4000	28	135	155000	17000	90000	1000	70	410	1.144,00
XBO 4200 W/CA OFR	4200	29	140	190000	20000	100000	1000	70	428	1.288,00
XBO 5000 W/H OFR	5000	35	140	225000	27000	95000	1000	70	433	1.254,00
XBO 5000 W/HBM OFR	5000	34	140	225000	27000	95000	1000	70	436	1.254,00

Osram XBO Xenon Short-Arc Lamps

Type	W	V	A	lm	cd	cd/cm2	t (h) *	Ø (mm)	l (mm)	Price
XBO 7000 W/HS OFR	7000	42	160	350000	35000	100000	650	78	433	1.622,00
XBO 7000 W/HSH OFR	7000	42	160							2.323,00
XBO 8000 W/HS ODF	8000	45	175	400000	40000	110000	400	90	433	1.794,00

t(h) = typical life (vertical/horizontal)

C = cable version

CR = suitable for Crosfield color scanners

OFR = ozone free

S = short version

Please note that some lamp types are subject to minimum order quantities.

All prices are in Euros per piece and are subject to change without further notice.

Ushio EmArc™ Metal Arc Lamps

Type	Part No.	Wattage	Voltage	Ampere	Price
SMH-200/D2	5001122	150-200	43	4,65	384,00
SMH-600/D1	4001172	600	68	8,8	663,00
SMR-75/D1	5000426	50-75	10-15	1,33	351,00
SMR-200/D1	5010120	150-200	43	4,65	429,00

Ushio USH Mercury Short-Arc Lamps

Type	Wattage	Voltage	Ampere	Price
USH-50AC/L1	50	39-45	1.3	116,00
USH-102D	100	20	5	107,00
USH-102DH	100	20	5	138,00
USH-103D	100	20		122,00
USH-151H				560,00
USH-202	200			308,00
USH-200DP				162,00
USH-205DP	200	57	3.5	196,00
USH-205S	200	29	6.9	209,00
USH-206D	200	57	3.5	322,00
USH-250D	250	40	6.5	302,00
USH-350DP	350	60	6	175,00
USH-350DS	350			204,00
USH-500D	500	60	8.5	497,00

Ushio UXL Xenon Short-Arc Lamps

Type	Wattage	Voltage	Ampere	Ozone Free	Price
UXL-75XE	65	12.5	5.4	yes	193,00
UXL-75DO	75	15	5	yes	193,00
UXL-75XO	75	14	5.4	yes	193,00
UXL-S75XE	80	15	5.4	yes	531,00
UXL-150MO	150	17.5	8.5	yes	297,00
UXL-150S	150	20	7.5	no	297,00
UXL-150SO	150	20	7.5	yes	297,00
UXL-150SK	150	20	7.5	no	357,00
UXL-S150	150	17,5	8,5	no	493,00
UXL-S150MO	150	17.5	8.5	yes	364,00
UXL-151H	150	20	7,5	no	385,00
UXL-151HO	150	20	7,5	yes	343,00
UXL-152H	150	20	7.5	no	419,00
UXL-302-O	300	20	15	yes	431,00
UXL-450S-O	450	18	25	yes	500,00
UXL-451-O	450	18	25	yes	452,00
UXL-500D-O-A	500	20	25	yes	519,00
UXL-16SB	1430	22	65	yes	490,00

Ushio UXM Mercury/Xenon Short-Arc Lamps

Type	Wattage	Voltage	Ampere	Price
UXM-S100	-	-	-	551,00
UXM-200H	200	22.5	9	431,00
UXM-200HO	200	22.5	9	431,00

Ushio UXR Ceramic Xenon Short-Arc Lamps

Type	Wattage	Voltage	Ampere	Color Temp. (K)	Price
UXR-300BU (pulsed)	300	14	20	6150	316,00
UXR-300CU	300	14	20	6150	316,00
UXR-300DU	300	14	20	6150	316,00