

All prices are in Euros per piece and are subject to change without further notice.
 All brand names and registered trademarks are the property of their respective owners.

Excelitas (former PerkinElmer) Cermax Xenon Short-Arc Lamps

Type	Wattage		Voltage		Ampere		Color Temp. (K)	Price
	Nominal	Range	Nominal	Range	Nominal	Range		
PE150AF	150	100-150	11,7	10-13.6	12,5	10-14	5900	on req.
PE150BF	150	100-150	11,7	10-13.6	12,5	10-14	5900	on req.
PE175BF	175	150-200	12.5	11-14	14	12-16	5600	261,00
PE300BF	300	180-320	14	13-16	21	10-22	5600	259,00
ME300BF	300	275-325	13,5	12-15	-	17-25	6000	on req.
PE300BUV	300	180-320	14	13-16	21	10-22	5050	on req.
PE300B-10F	300	175-305	13.5	11.5-15	22	13-23	5900	on req.
PE300C-10F	300	175-300	13.5	11.5-15	22	13-23	5900	on req.
PE300C-10FS (for Pentax EPK-i)	300							on req.
PE500C-13F	500	350-525	15.5	14-16.5	32	23-35	5900	on req.
PE700C-13F	700	600-750	16.85	15.5-18	41.5	35-46	5900	on req.
PE1000DF	1000	850-1050	19.5	18.5-22	51	46-54	5600	on req.
PE1000D-13F	1000	600-1050	20	15-24	50	30-56	5900	on req.

All prices are in Euros per piece and are subject to change without further notice.
All brand names and registered trademarks are the property of their respective owners.

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	on req.
CL125BUV	125	75-150	11	9.5-12.5	12	8-14	5100	on req.
CL125BF-10F	125	75-150	11	10-12.5	11	8-14	5800	on req.
CL125BUV-10F	125	75-150	11	10-12.5	11	8-14	5100	on req.
CL150AF	150	100-160	13	11-14	12.5	10-14	5800	on req.
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	on req.
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	261,25
CL175BUV	175	150-200	12.5	11-14	14	12-16	5100	on req.
CL175BF-10F	175	150-200	12.5	10.5-13.5	14	12-16	5800	on req.
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	261,25
CL300BUV	300	180-330	14	13-16	21	10-22	5100	on req.
CL300BF-10F	300	175-330	13.5	11.5-15	22	13-23	5800	on req.
CL300BUV-10F	300	175-330	13.5	11.5-15	22	13-23	5100	on req.
CL300CF-10F	300	175-300	14	12-15	22	13-23	5900	on req.
CL300CF-13F	300	175-300	14	12-15	22	13-23	5900	on req.
CL500CF-13F	500	350-525	16	14-17	32	23-35	5900	on req.
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.
CL700CF-13F	700	600-750	17	15-18	41	35-45	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.
CL1000DF	1000	850-1050	19.5	18-22	51	46-54	5900	on req.
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	on req.
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	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	on req.
CL1576 (for Pentax EPK-i)	300							on req.

Osram HBO Mercury Vapour Short-Arc Lamps

Type	EAN	AC/DC	W	V	A	lm	lm/W	cd	cd/cm2	t(h)	Ø (mm)	l (mm)	Price
HBO 50 W/3	4050300506692	DC	50	20...26	1,9...2,5	1300	26	150	90000	200	9	53	146,00
HBO 50 W/AC L1	4050300507132	AC	50	39...45	1,1...1,3	2000	40	230	30000	100	10	53	99,20
HBO 50 W/AC L2	4050300507118	AC	50	34...39	1,3...1,5	2000	40	230	30000	100	10	53	99,20
HBO 100 W/2	4050300507095	DC	100	18...23	4,3...5,6	2200	22	260	170000	200	10	90	93,00
HBO 103 W/2 *	4050300382128	DC	100	20...25	4...5	3000	30	300	170000	300	10	90	94,55
HBO R 103 W/45	4050300405957	DC	100	20...25	4...5	-	-	-	-	300	64	77	338,80
HBO 200 W/2 L1	4050300508153	AC / DC	200	57...66	3...3,5	10000	50	1000	40000	200 / 400	17	128	175,00
HBO 200 W/4	4050300506715	AC	200	54...67	3...3,7	9500	47,5	950	33000	200	17	128	194,60
HBO 200 W/DC	4050300506791	DC	200	46...66	3...4,3	10000	50	1100	40000	1000	17	125	187,65
HBO 200 W/DC TM ***	4008321137623	DC	200	46...66	3...4,3	10000	50	1100	40000	1000	17	125	217,50
HBO 201 W/HS-D2	4050300591940		200	25	8					1000	20	150	628,50
HBO 202 W/4	4050300507156	AC	200	54...67	3...3,7	9500		950	33000	200	17	128	277,50
HBO 250 W/BY	4050300803432	DC	250	40	6					2000	20	152	on req.
HBO 250 W/HS	4050300772356	DC	250	40	6,25					2000	20	152	547,50
HBO 250 W/LS	4008321336668	DC	250	39	6,4					2500	20	147	577,50
HBO 350 W **	4050300351599	DC	350	67,5	5,3			2100	50000	600	20	128	308,00
HBO 350 W/S	4050300258041	DC	350	68	5,5					600	20	127	292,50
HBO 500 W/A	4050300021089	DC	500	60	8,3					800	29	190	433,50
HBO 500 W/B	4050300275819	DC	500	48,5	10,3					800	29	180	480,00
HBO 1000 W/D	4050300288857	DC	1000	37,7	26,5					1000/-	40	240	643,50
HBO 1000 W/NEL	4050300412603	DC	750	47	16					2500	28	190	on req.
HBO 1002 W/CEL	4050300412634	DC	750	47	16					2500	28	175	on req.
HBO 1002 W/NEL	4050300412610	DC	750	47	16					2500	28	190	on req.
HBO 1002 W/NIL	4050300461427	DC	750	25,8	27,1					1500	29	189	on req.
HBO 1003 W/PI	4050300382135	DC	700	27,1	25,8					850	29	195	on req.
HBO 1003 W/PIL	4050300967097	DC	700	27,1	25,8					1500	29	195	on req.
HBO 1500 W/CIEL	4050300624037	DC	1500	23	65					2250	52	262	on req.
HBO 1500 W/PI	4050300357720	DC	1500	23	65,2					850	46	263	on req.
HBO 1500 W/PIL	4050300801308	DC	1500	23	65					1500	46	240	on req.
HBO 2000 W/NIL	4050300490212	DC	1750	26	67					1500	55	251	on req.
HBO 2001 W/CIEL	4050300972121												on req.
HBO 2001 W/CIELX	4008321122735												on req.
HBO 2001 W/CIL	4050300947235	DC	2000	26	77					1500	62	329	on req.
HBO 2001 W/NIEL	4008321533548	DC	1750	26	67								on req.
HBO 2001 W/NIL	4050300461489	DC	1750	26	67					1500	52	251	on req.
HBO 2002 W/MA	4050300628240	DC	2000	37	54					1000	62	292	on req.
HBO 2002 W/NIL	4050300772714	DC	1750	26	67					1500	55	232	on req.
HBO 2011 W/NIL	4050300947556	DC	2000	25	80					1500	55	235	on req.
HBO 2011 W/NILH	4050300991665												on req.
HBO 2100 W/PIL	4050300800431												on req.
HBO 2500 W/PIL	4050300947396	DC	2500	28	90					1500	62	312,5	on req.
HBO 2501 W/NIL	4050300947297	DC	2500	23	109					1500	70	357	on req.
HBO 2510 W/NIL	4050300628400	DC	2500	23	109					1500	70	357	on req.

Osram HBO Mercury Vapour Short-Arc Lamps

Type	EAN	AC/DC	W	V	A	lm	lm/W	cd	cd/cm2	t(h)	Ø (mm)	l (mm)	Price
HBO 2510 W/NILH	4008321377401												on req.
HBO 2700 W/CIL	4050300896588												on req.
HBO 3500 W/HK	4050300628349	DC	3500	55	63					1000	70	315	on req.
HBO 3500 W/MR	4050300628301												on req.
HBO 3500 W/NIL	4050300947617												on req.
HBO 3500 W/PI	4050300945798	DC	3400	23	148					850	77	360	on req.
HBO 3500 W/PIL	4008321355843	DC	3400	23	148					1500	77	360	on req.
HBO 3501 W/PI	4008321191717												on req.
HBO 4300 W/BY	4008321349897												on req.
HBO 4300 W/N	4050300972145												on req.
HBO 4300 W/NHL	4008321281159												on req.
HBO 4500 W/CIL	4008321387455												on req.
HBO 4500 W/CILX	4008321515780												on req.
HBO 5000 W/HK	4050300897585												on req.
HBO 5000 W/MF	4050300772264		5000	50	100					1000	80	358	on req.
HBO 5000 W/N	4008321591777												on req.
HBO 5000 W/S	4008321147875		5000	50	100					1000	80	358	on req.
HBO 5000 W/TA	4050300772240												on req.
HBO 5001 W/F	4050300553016		5000	62	80					750	85	486	on req.
HBO 5001 W/NIL	4008321181732												on req.
HBO 5002 W/NIL	4008321396235												on req.
HBO 5510 W/PIH	4008321117984												on req.
HBO 5510 W/PIHL	4008321355799												on req.
HBO 8000 W/CHL	4008321545756												on req.
HBO 12000 W/C-2	4008321362360												on req.
HBO 12000 W/ML	4008321546159												on req.
HBO 12000 W/N	4008321545855												on req.
HBO 12500 W/N	4008321545886												on req.
HBO 16000 W/AU	4008321546180												on req.
HBO 16001 W SG	4008321544667												on req.
HBO 16003 W/DE	4008321548672												on req.

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

* lamp optimized for fluorescence microscopy

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

*** with threaded pin 8-32 UNC-3A

All prices are in Euros per piece and are subject to change without further notice.
All brand names and registered trademarks are the property of their respective owners.

Osram HXP Mercury Vapour Short-Arc Lamps

Type	EAN	AC/DC	W	V	A	lm	lm/W	cd	cd/cm2	t(h)	Ø (mm)	l (mm)	Price
HXP R 120W/45C UV	4050300666525	AC	120	60...90	1,6					2000	67	77	403,75
HXP R 120W/45C VIS	4050300882772	AC	120	60...90	1,6	2800				2000	67	77	403,75
HXP R 200W/45M	4008321180070	AC	200	60...96	3,1	4600				2000	67	77	547,50
HXP R 206W/45CM	4008321331472	AC	200	48...82	4,3	4000				2000	67	77	on req.

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	4050300508801	75	14	5,4	1000	100	40000	400	10	90	166,05
XBO 75 W/2 OFR	4050300508825	75	14	5,4	1000	100	40000	400	10	90	166,05
XBO 100 W OFR	4008321386328	100	14	7,2	1900	270	31000	500	11	90	209,25
XBO R 100 W/45 OFR	4050300317205	100	12...14	7...7,4				500	67	83	317,25
XBO R 100 W/45C OFR	4050300367767	100	12...14	7...7,4				500	67	83	318,50
XBO R 101 W/45C OFR	4050300388458	100	12...14	7...7,4				500	67	83	300,00
XBO 150 W/1	4050300508344	150	20	7,5	3000	300	15000	1200	20	150	203,00
XBO 150 W/1 OFR	4050300508368	150	20	7,5	3000	300	15000	1200	20	150	on req.
XBO 150 W/4 Suprasil	4050300508382	150	20	7,5	3000	300	15000	1200	20	150	322,00
XBO 150 W/CR OFR	4050300508788	150	17,5	8,5	2900	290	20000	3000/1200	20	150	210,00
XBO R 180 W/45	4050300432175	180	12,8...14,8	11,75...12,25				500	67	90	306,25
XBO R 180 W/45C OFR	4050300432199	180	12,8...14,8	11,75...12,25				500	67	90	336,70
XBO R 181 W/45C OFR	4050300450872	180	12,8...14,8	11,75...12,25				500	67	90	325,00
XBO R 300 W/60 C OFR	4008321137722	300	15...19	11,75...12,25				1000	82	110	452,50
XBO 450 W	4008321082640	450	17	25	13000	1300	35000	2000	29	260	434,70
XBO 450 W OFR	4008321082633	450	17	25	13000	1300	35000	2000	29	260	434,70
XBO 450 W/1	4008321082510	450	17	25	13000	1300	45000	800	29	260	434,70
XBO 450 W/2 OFR	4008321082626	450	17	25	13000	1300	35000	2000	29	177	434,70
XBO 450 W/4 Suprasil	4006584412990	450	17	25	13000	1300	35000	2000	29	260	585,00
XBO 500 W/H OFR	4008321082503	500	17	28	14500	1450	40000	2000	35	190	372,00
XBO 1000 W/HS OFR	4008321082114	1000	19	50	32000	3000	60000	2000	40	235	408,00
XBO 1000 W/HSC OFR	4008321082107	1000	19	50	32000	3000	60000	2000	40	236	442,00
XBO 1000 W/HTP OFR	4008321081353	1000	21	45	35000	3200	45000	2400	46	330	442,00
XBO 1600 W/CA OFR	4008321064738	1600	24	65	60000	6000	65000	2400	52	370	on req.
XBO 1600 W/HS CL OFR	4008321317940	1550	23	65	70000	5500	70000	2000	46	235	480,00
XBO 1600 W/HS XL OFR	4008321299925	1550	23	65	70000	5500	70000	2500	46	235	549,00
XBO 1600 W/HSC CL OFR	4008321317957	1550	23	65	60000	5500	70000	2000	46	235	on req.
XBO 1600 W/HSC XL OFR	4008321299932	1550	23	65	60000	5500	70000	2500	46	235	506,40
XBO 2000 W/H CL OFR	4008321209566	2000	28	70	80000	7500	75000	2400	52	370	on req.
XBO 2000 W/H XL OFR	4008321211781	2000	28	70	80000	7500	75000	3500	52	370	on req.
XBO 2000 W/HS CL OFR	4008321288653	2000	24	80	80000	7500	80000	2400	60	342	on req.
XBO 2000 W/HS XL OFR	4008321081360	2000	24	80	80000	7500	80000	3500	60	342	on req.
XBO 2000 W/HTP CL OFR	4008321288646	2000	28	70	80000	7500	8000	2400	52	375	on req.
XBO 2000 W/HTP XL OFR	4008321244031	2000	28	70	80000	7500	80000	3500	52	375	on req.
XBO 2000 W/SHSC CL OFR	4008321317933	2000	27	70	80000	7500	80000	2000	46	245	on req.
XBO 2000 W/SHSC XL OFR	4008321082077	2000	27	70	80000	7500	80000	3500	46	245	on req.
XBO 2001 W/HTP OFR	4008321064776	2000	25	80	80000			2400	46	375	on req.
XBO 2500 W OFR	4008321064783	2500	29	83	100000	9500	61000	2000	60	428	on req.
XBO 2500 W/HS CL OFR	4008321288660	2500	29	90	100000	10000	80000	1500	60	342	on req.
XBO 2500 W/HS XL OFR	4008321299963	2500	29	90	100000	10000	80000	2200	60	342	on req.
XBO 3000 W/H CL OFR	4008321209573	3000	29	100	130000	12000	85000	1500	66	428	on req.
XBO 3000 W/H XL OFR	4008321209573	3000	29	100	130000	12000	85000	2200	66	428	on req.
XBO 3000 W/HS CL OFR	4008321210265	3000	29	100	130000	12000	90000	1500	60	342	on req.

All prices are in Euros per piece and are subject to change without further notice.
All brand names and registered trademarks are the property of their respective owners.

Osram XBO Xenon Short-Arc Lamps

Type		W	V	A	lm	cd	cd/cm2	t (h) *	Ø (mm)	l (mm)	Price
XBO 3000 W/HS XL OFR	4008321330031	3000	29	100	130000	12000	90000	2200	60	342	on req.
XBO 3000 W/HTC OFR	4008321064820	3000	29	100	130000	12000	85000	1500	66	398	on req.
XBO 3000 W/HTP CL OFR	4008321288677	3000	29	100				1500	66	405	on req.
XBO 3000 W/HTP XL OFR	4008321244017	3000	29	100				2200	66	405	on req.
XBO 4000 W/HS CL OFR	4008321210272	4000	29	135	155000	17000	90000	1000	70	410	on req.
XBO 4000 W/HS XL OFR	4008321412812	4000	29	135	155000	17000	90000	1500	70	410	on req.
XBO 4000 W/HTP CL OFR	4008321288684	4000	30	130	155000	16000	90000	1000	70	433	on req.
XBO 4000 W/HTP XL OFR	4008321412874	4000	30	130	155000	16000	90000	1500	70	433	on req.
XBO 4200 W/CA OFR	4008321412997	4200	29	140	190000	20000	100000	1000	70	428	on req.
XBO 4500 W/HS XL OFR	4008321412881	4500	32	135	190000			1400	70	410	on req.
XBO 4500 W/HTP XL OFR	4008321334909	4500	32	135	190000			1400	70	382	on req.
XBO 5000 W/H CL OFR	4008321317988	5000	34	140	225000	27000	95000	1000	70	433	on req.
XBO 5000 W/H XL OFR	4008321412829	5000	34	140	225000	27000	95000	1200	70	433	on req.
XBO 5000 W/HBM CL OFR	4008321593702	5000	34	140	225000	27000	95000	1000	70	436	on req.
XBO 5000 W/HBM XL OFR	4008321412836	5000	34	140	225000	27000	95000	1200	70	436	on req.
XBO 6000 W/HS CL OFR	4008321318008	6000	37	160	280000	40000	105000	600	78	433	on req.
XBO 6000 W/HS XL OFR	4008321412904	6000	37	160	280000	40000	105000	750	78	433	on req.
XBO 6000 W/HTP XL OFR	4008321412911	6000	37	160	280000	40000	105000	750	78	430	on req.
XBO 7000 W/HS CL OFR	4008321318015	7000	42	160	350000	35000	100000	500	78	433	on req.
XBO 7000 W/HS XL OFR	4008321412928	7000	42	160	350000	35000	100000	650	78	433	on req.
XBO 8000W/HS OFR	4008321552310	8000	45	175	360000	40000	110000	500	90	433	on req.

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

C = cable version

CR = suitable for Crosfield color scanners

OFR = ozone free

S = short version

All prices are in Euros per piece and are subject to change without further notice.
All brand names and registered trademarks are the property of their respective owners.

Ushio USH Mercury Short-Arc Lamps

Type	Wattage	Voltage	Ampere	Price
USH-50AC/L1	50	39-45	1.3	120,00
USH-102D	100	20	5	117,00
USH-102DH	100	20	5	188,00
USH-103D	100	-	-	128,00
USH-200DP	200	57	3.5	170,00
USH-205DP	200	57	3.5	196,00
USH-205S	200	29	6.9	235,00
USH-206D	200	57	3.5	338,00
USH-250D	250	40	6.5	316,00
USH-250SC	250	-	-	850,00
USH-350DP	350	60	6	189,00
USH-350DS	350	60	6	214,00
USH-500D	500	60	8.5	521,00
USH-508S	500	76	6,6	556,00
USH-509S	500	76	6,6	308,00
USH-1000KS	1000	38	28	644,00

All prices are in Euros per piece and are subject to change without further notice.
All brand names and registered trademarks are the property of their respective owners.

Ushio UXL Xenon Short-Arc Lamps

Type	Wattage	Voltage	Ampere	Ozone Free	Price
UXL-75DO	75	15	5	yes	202,00
UXL-75XE	65	12.5	5.4	yes	211,00
UXL-75XO	75	14	5.4	yes	212,00
UXL-S75XE	80	15	5.4	yes	557,00
UXL-150MO	150	17.5	8.5	yes	311,00
UXL-150S	150	20	7.5	no	318,00
UXL-150SO	150	20	7.5	yes	311,00
UXL-150SK	150	20	7.5	no	374,00
UXL-S150MO	150	17.5	8.5	yes	382,00
UXL-151H	150	20	7,5	no	404,00
UXL-151HO	150	20	7,5	yes	360,00
UXL-152H	150	20	7.5	no	439,00
UXL-300D-O	300	20	15	yes	333,00
UXL-302-O	300	20	15	yes	455,00
UXL-450S-O	450	18	25	yes	725,00
UXL-451	450	18	25	no	558,00
UXL-451-O	450	18	25	yes	672,00
UXL 500DO	500	20	25	yes	1.120,00
UXL-16SB	1430	22	65	yes	462,00

All prices are in Euros per piece and are subject to change without further notice.
All brand names and registered trademarks are the property of their respective owners.

Ushio UXM Mercury/Xenon Short-Arc Lamps

Type	Wattage	Voltage	Ampere	Price
UXM-S100	-	-	-	457,00
UXM-200H	200	22.5	9	452,00
UXM-200HO	200	22.5	9	452,00
UXM-501MD	500	25	20	1.320,00

All prices are in Euros per piece and are subject to change without further notice.
All brand names and registered trademarks are the property of their respective owners.

Ushio UXR Ceramic Xenon Short-Arc Lamps

Type	Wattage	Voltage	Ampere	Color Temp. (K)	Price
UXR-175BF	175	12,5	14	6100	249,00
UXR-300BF	300	15	20	6100	249,00
UXR-300BU (pulsed)	300	14	20	6150	on req.
UXR-300CU	300	14	20	6150	on req.
UXR-300DU	300	14	20	6150	on req.