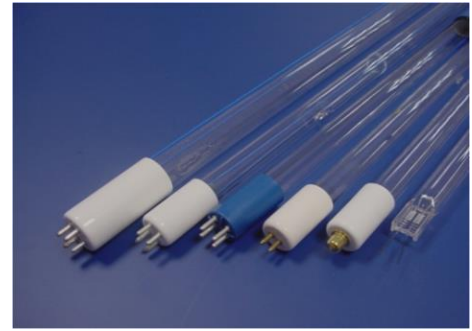


## UVX – Amalgam lamps linear

UVX is the exclusive name of our Amalgam lamps with maximal increased power and long-life coating. Compared with conventional low-pressure lamps, UVX lamps render up to triple the power – at the same UVC efficiency! UVX lamps emit radiation mainly at the wavelengths 254 and 185 nm. Using different quartz glass types, we are able to block or pass the 185 nm optionally. UVX Amalgam lamps are suited for all applications in air or water. When using these lamps, attention should be paid to an appropriate cooling. UVX lamps are the right choice for very compact and powerful UV systems providing maximal efficiency in combination with a remarkably long lamp lifetime.

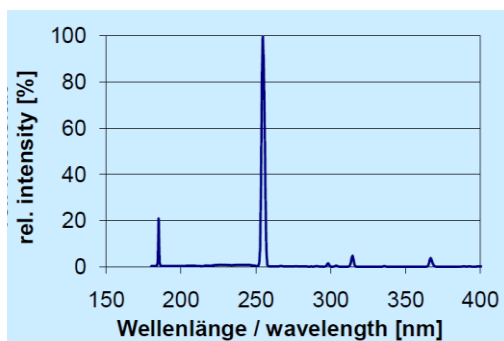


type	geometry		electrical data*				UVC@254nm (100h)	
	arc length BL mm	total length GL mm	lamp power W	lamp current A	lamp voltage V	recommended electronic ballast	W	@ 1m μW/cm <sup>2</sup>
<b>15 mm lamp tube diameter</b>								
UVX 40	224	300	43 (48)	1,2 (1,5)	36 (32)	EVG UVT 40-150W	12 (13)	120
UVX 60	359	435	60 (67)	1,2 (1,5)	50 (45)	EVG UVT 40-150W	18 (19)	180
UVX 80	474	550	90	1,5	60	EVG UVT 40-150W	27	270
UVX 125	784	860	135	1,5	90	EVG UVT 80-200W	45	420
UVX 160	924	1000	165	1,5	110	EVG UVT 80-200W	58	520
UVX 190	1260	1336	192	1,2	160	EVG UVT 80-200W	68	550
<b>19 mm lamp tube diameter</b>								
UVX 150	744	846	156	2,0	78	EVG UVT 80-200W	54	500
UVX 180	898	1000	180	2,0	90	EVG UVT 80-200W	65	585
UVX 200	1017	1120	200	2,0	100	EVG UVT 80-200W	68	590
UVX 320	1452	1554	300	2,0	150	EVG UVT 200-400W	108	825
UVX 320.1	1452	1554	315	2,1	150	EVG UVT 200-400W	112	860
<b>22 mm lamp tube diameter</b>								
UVX 300	1043	1145	245	2,5	98	EVG UVT 200-400W	90	780
<b>25 mm lamp tube diameter</b>								
UVX 260	1098	1200	261	2,9	90	EVG UVT 200-400W	100	850
UVX 350	1451	1554	348	2,9	120	EVG UVT 200-400W	132	1020
<b>28 mm lamp tube diameter</b>								
UVX 400	1437	1539	410	3,8	108	EVG UVT 200-480W	140	1080
UVX 480	1748	1850	475	3,8	125	EVG UVT 200-480W	170	1200

(\*) lamp voltage measured at recommended electronic ballast

<b>rated life /depreciation</b> maximal 3 switches per day	6.000 h at conventional ballast, 12-16.000 h at electronic ballast / 20-25%
<b>working temperature</b>	approx. 90-120°C (measured at glass surface) with optimal submersion tube suitable for water temperatures of 5-25°C

## Spectrum



## Standard bases

