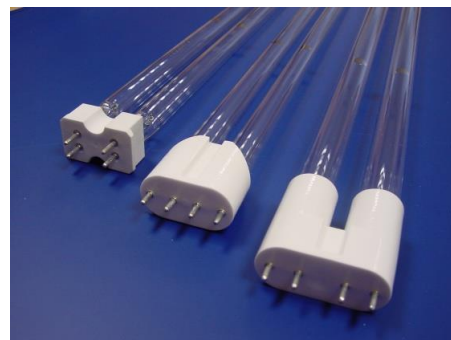


UVI U - U-shape Amalgam lamps

The U-shaped Amalgam combines the advantages of the Amalgam technology and of the U-shape. Caused by this a maximum power per length and very compact units are possible. Along the way these lamps save a second power supply and deliver the favorable one-sided electrical connection. For all lamps with 15 mm lamp tube diameter is a suitable accessory part TRS 45 available. Of course, we can manufacture all lamps in 3 quartz types. On request we are able to produce different length with both tube diameters. If necessary, we can supply you also with u-shaped standard low-pressure lamps without Amalgam.

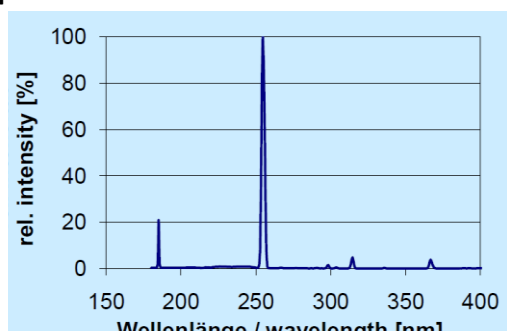


Typ	geometry				electrical data				UVC 100 h	
	lighting length in mm	arc length in mm	total length in mm	tube diameter in mm	lamp wattage in W	lamp current IL in A	lamp voltage in V	recommended electronic ballast	UVC in W	UVC @ 1m in µW/cm²
UVI 60 U 2G7 P 10/290	235	490	290	10x25	49	0,67	75	not tested	14	140
UVI 60 U 2G11 P 15/290	255	530	290	15x36	69	1,2	45	EVG UVT 40-150W	18	180
UVI 60 U 4CQ CP 15/290	255	530	290	15x36	69	1,2	45	EVG UVT 40-150W	18	180
UVI 60 U 2G11 CP 15/305	270	560	305	15x36	69	1,2	45	EVG UVT 40-150W	18	180
UVI 80 U 2G11 CP 15/395	360	740	395	15x36	90	1,5	62	EVG UVT 40-150W	30	300
UVI 80 U 4CQ CP 15/395	360	740	395	15x36	90	1,5	62	EVG UVT 40-150W	30	300
UVI 120 U 2G11 CP 15/469	434	888	469	15x36	110	1,5	70	EVG UVT 80-200W	35	350
UVI 120 U 4CQ CP 15/469	434	888	469	15x36	110	1,5	70	EVG UVT 80-200W	35	350
UVI 150 U 2G11 CP 15/615	580	1180	615	15x36	135	1,5	105	EVG UVT 80-200W	45	440
UVI 170 U 2G11 CP 15/755	715	1530	755	15x36	170	1,5	115	EVG UVT 80-200W	60	550
UVI 200 U 2G11 CP 15/800	765	1620	800	15x36	180	1,5	135	EVG UVT 80-200W	63	590
UVI 260 U 2xG11 CP 19/1000	950	1920	1000	19x48	260	2,0	144	EVG UVT 200-400W	95	840

(*) lamp voltage measured at recommended electronic ballast

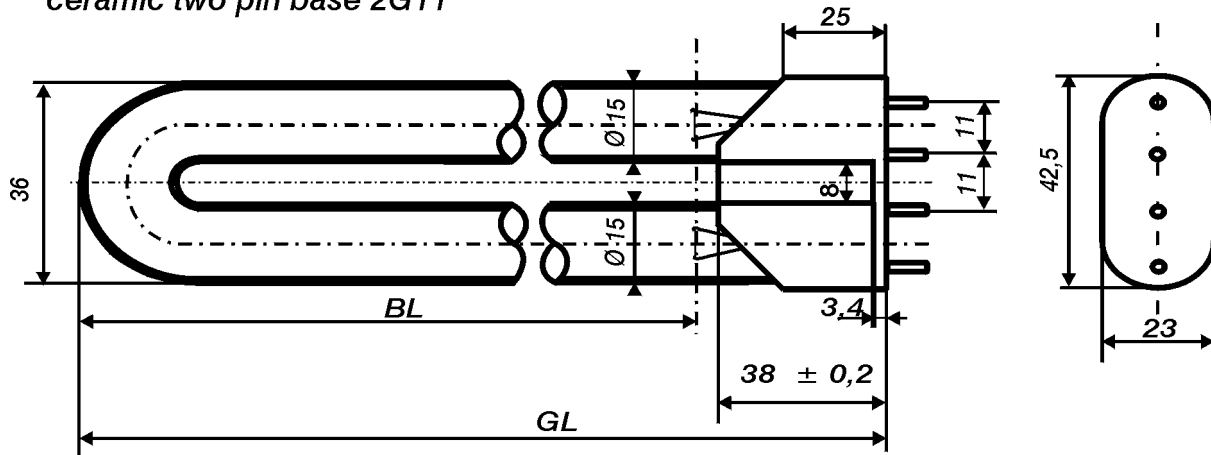
rated life /depreciation maximal 3 switches per day	without Coating: 6.000 h at conventional ballast, 8.000 h at electronic ballast/ 35%
working temperature	approx. 90-120°C (measured at glass surface) with optimal submersion tube suitable for water temperatures of 5-50°C

Spectrum

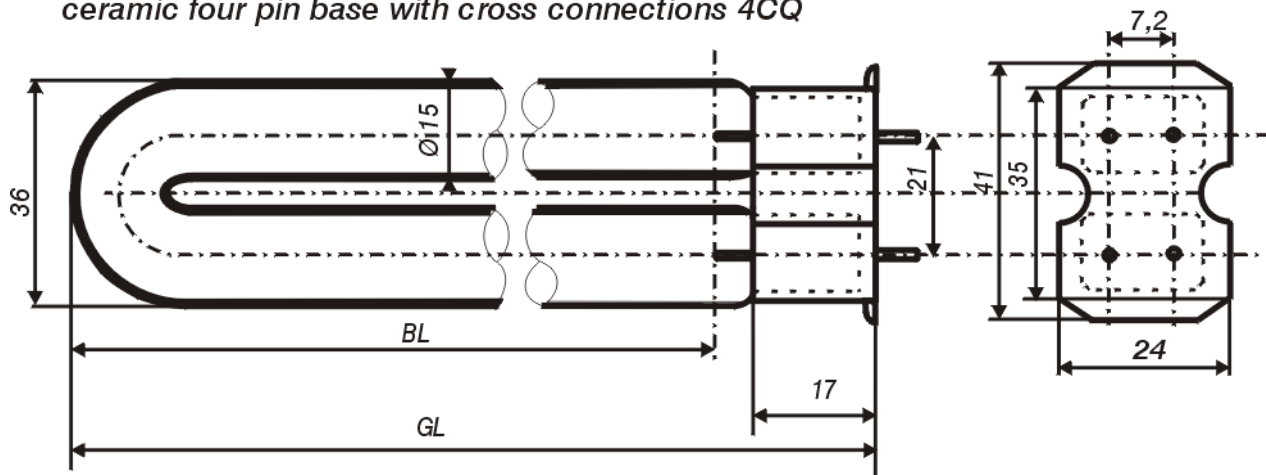


Available standard types of U-shaped lamps

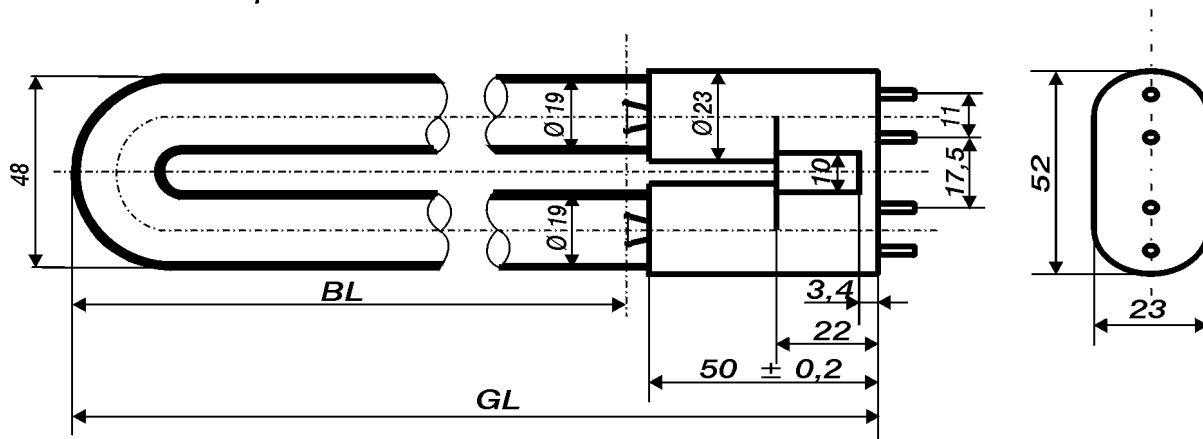
2-Stift-2G11-Sockel Keramik
ceramic two pin base 2G11



Querliegender 4-Stift-Keramik-Sockel 4CQ
ceramic four pin base with cross connections 4CQ



2-Stift-Sockel Keramik 2xG11
ceramic two pin base 2xG11



more types on request