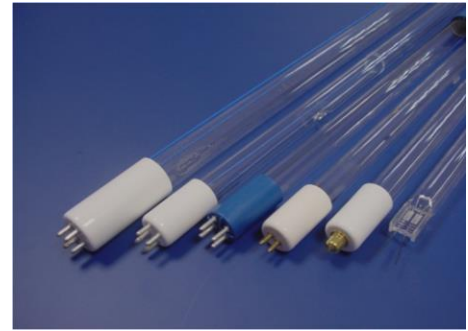


## UVN – Standard low-pressure lamps linear

UVN is the exclusive name of our standard low-pressure lamps. On request we are able to deliver such lamps in different diameters and lamp currents. UVN lamps emit radiation mainly at the wavelengths 254 nm and 185 nm. Using different quartz glass types, we can block or pass the 185nm optionally. On request we are also able to deliver lamps partially equipped with 185 nm quartz for optimizing ozone generation.

UVN lamps are suited for all applications in air or water. Its excellent quartz quality grants best efficiency both for disinfection and ozone generation. Long life coating is available on request.



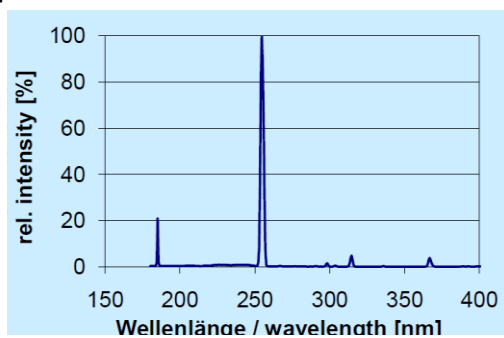
type	geometry		electrical data*				UVC 100 h	
	arc length BL mm	total length GL mm	lamp power in W	lamp current in A	lamp voltage in V	at supply	UVC in W	@ 1m in µW/cm <sup>2</sup>
<b>Ø15 mm tube diameter</b>								
UVN 6**	153	220	6	0.17	35 (42)	EVG UVT 4-9W	1.5	15
UVN 8**	227	295	8	0.17	47 (56)	EVG UVT 4-9W	2.0	20
UVN 11	153	220	11	0.4	26 (37)	EVG UVT 11-16W	3.0	30
UVN 16	227	295	16	0.4	35 (47)	EVG UVT 11-16W	3.9	39
UVN 20	352	420	20	0.4	50 (70)	EVG UVT 16-25W	6.0	60
UVN 30	806	870	33	0.425	83 (110)	EVG UVT 40W	12	110
UVN 40	806	870	41	0.425	102 (120)	EVG UVT 40W	16	147
UVN 60 HO	924	1000	65	0.67	97 (110)	EVG UVT 2x 30-80W	22	223
<b>Ø19 mm tube diameter</b>								
UVN 80 HO	898	1000	74	0.8	92	EVG UVT 80W	27	240
<b>Ø38 mm tube diameter</b>								
UVN 110 HO	1080	1160	105	1.5	70	EVG UVT 40-150W	40	343

(\*) lamp voltage measured at recommended electronic ballast, lamp voltages in () at magnetic ballast, (\*\*) reduced rated life of 6000 hours

<b>rated life /depreciation</b> maximal 3 switches per day	<b>without Coating: 6,000 h at conventional ballast, 8.000 h at electronic ballast / 35% with Coating: 12-16,000 h at electronic ballast / 20-25%</b>
<b>working temperature</b>	<b>approx. 40-50°C (measured at glass surface) with optimal submersion tube suitable for water temperatures of 5-20°C</b>

(\*\*) short lamps has a reduced rated life of 6000 hours

### Spectrum



### Standard bases

