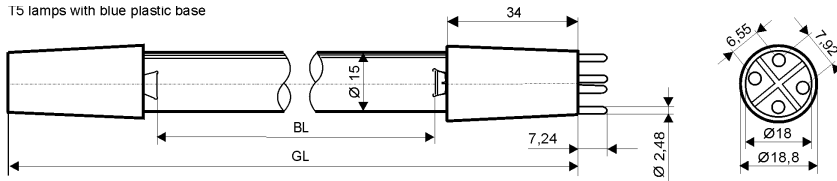


Standard program TUVN lamps (TUV lamps with subsequent attached bases)

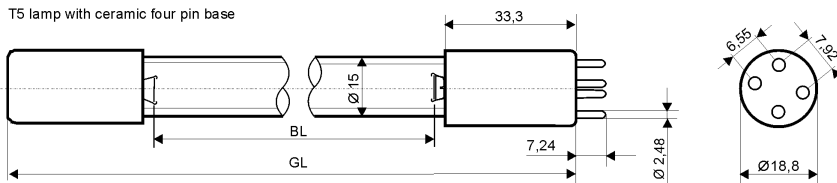
UVC lamps of the TUV type have their main radiation at a wavelength of 253.7 nm. TUV lamps consist of a special glass which avoids the ozone generation. These lamps are manufactured originally by our trade partner Philips and will be converted from both side bi-pin G5/13 to single side 4-pin-base and a cap in our company (see picture 1 and drawings). The consequential advantage is a single sided electric connection which is indispensable in certain applications. Lamps with 15 mm diameter can be manufactured in two different lengths. The short bases reduce the length by 25 mm.

T5 lamps with blue plastic base



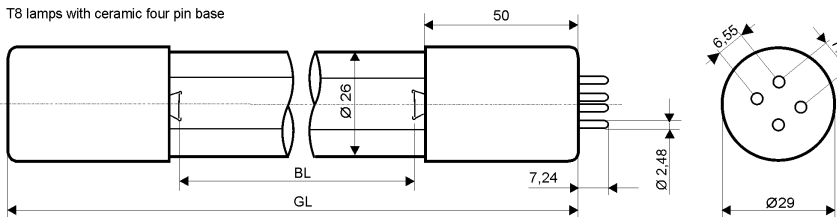
(1) standard 4-pin

T5 lamp with ceramic four pin base



(2) other possible bases

T8 lamps with ceramic four pin base



type	geometry			data according Philips catalogue			
	arc length BL [mm]	total length short/long GL [mm]	lamp power [W]	lamp current [A]	lamp-voltage [V]	radiant flux @ 253.7 nm [W]	recommended ballasts*
T5 lamps Ø15mm (Ømax 16mm)							
TUVN 4	80	150 / 175	4	0.17	29	0,9	EVG UVT 4-11W, HF-M 109
TUVN 6	150	220 / 245	6	0.16	42	1,5	EVG UVT 4-11W, HF-M 109
TUVN 8	230	295 / 320	8	0.15	56	2,4	EVG UVT 4-11W, HF-M 109
TUVN 11	150	220 / 245	11	0.43	26	2,6	EVG UVT 11-16W
TUVN 16	230	295 / 320	16	0.4	43	4,0	EVG UVT 11-16W
TUVN 20	340	410 / 435	20	0.45	45	6,0	EVG UVT 16-25W
TUVN 25	460	530 / 555	25	0.45	55	8,0	EVG UVT 16-25W
T8-lamp Ø25mm (Ømax 28mm)							
TUVN 10	260	360	9	0.23	44,5	2,5	EVG UVT 11-16W
TUVN 15	360	460	15,9	0.335	54	4,9	EVG UVT 11-16W
TUVN 17	510	610	16,7	0.265	72	4,5	EVG UVT 16-25W
TUVN 25	360	460	25,5	0.60	48	7	EVG UVT 40W
TUVN 30	820	920	30	0.37	102	12	EVG UVT 40W
TUVN 36	1120	1220	36	0.44	103	14,7	EVG UVT 40W
TUVN 55	820	920	54	0.77	86	17,5	EVG UVT 80WHO
TUVN 75	1120	1120	75	0.84	110	25,5	EVG UVT 80WHO

* loss of guarantee if the recommended ballasts are not used or ballast without our approval

**On your request we also modify TL-lamps with diameters 15 and 25 mm.
Please contact our sales staff.**