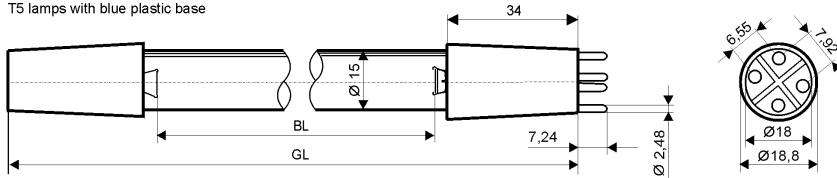


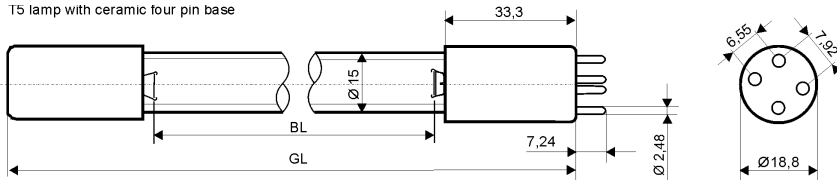
Standard program TUVN lamps (TUV lamps with subsequent attached bases)

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 firm (s. 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.

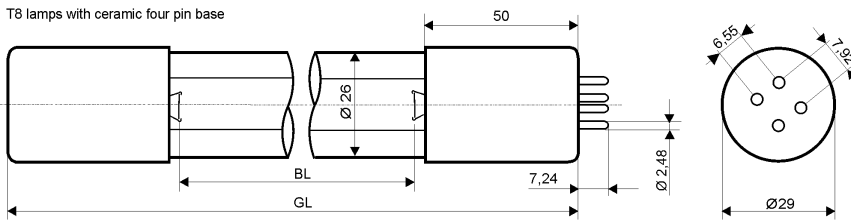
T5 lamps with blue plastic base



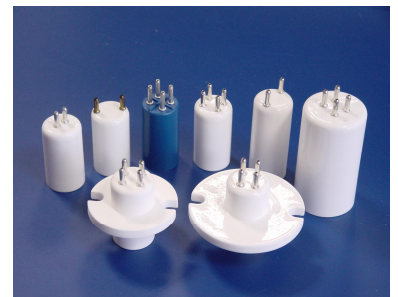
T5 lamp with ceramic four pin base



T8 lamps with ceramic four pin base



(1) standard 4-pin



(2) other possible bases

type	geometry			electrical data			
	arc length BL [mm]	total length short/long GL [mm]	lamp power	lamp current [A]	lamp-voltage ¹⁾ [V]	radiant flux ²⁾ @ 253.7 nm [W]	recommended ballasts ³⁾
TUVN 6	150	220 / 245	15	0.16	44	1.3	EC 6/8; HF-M 109
TUVN 8	230	295 / 320	15	0.15	56	2.0	EC 6/8; HF-M 109
TUVN 11	150	220 / 245	15	0.33	37	3.0	EC 15; EVG 11-16
TUVN 16	230	295 / 320	15	0.38	45	4.3	EC 20; EVG 11-16
TUVN 15	360	460	25	0.34	51	4.0	EC 15
TUVN 25	360	460	25	0.60	46	7.0	BTA 36
TUVN 30	820	920	25	0.37	100	10.0	BTA 30
TUVN 36	1120	1220	25	0.44	103	14.0	BTA36; EVG UVT 40W
TUVN 55	820	920	25	0.77	83	18.0	BTA 58 HF-P155; EVG UVT 80WHO
TUVN 75	1120	1120	25	0.81	108	25.0	EVG UVT 80WHO

¹⁾ voltage on conventional ballast.

²⁾ 100 h - value

³⁾ loss of guarantee if the recommended ballasts are not used or ballast without approval by us
EC, BTA - conventional ballast; HF, EVG - electronic ballast

lifetime: 8000 h
radiation depression: 15-25 % (see TUV)
ideal ambience temperature area: 10 to 30 °C

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