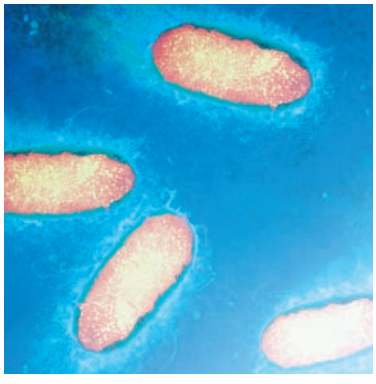
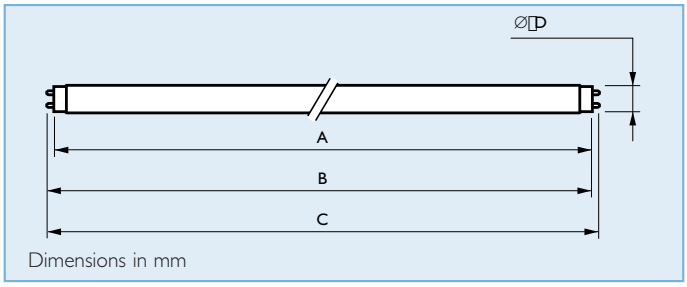
Perfection Preserved

by the purest of light

We're not the only ones who enjoy swimming in the water or flying in the air

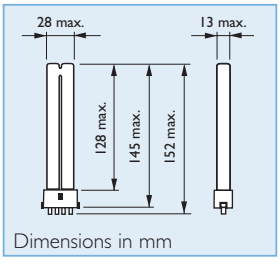


PHILIPS



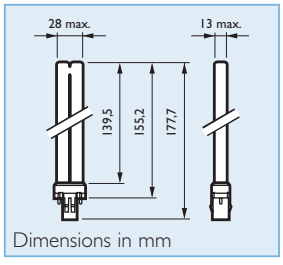
Dimensions in mm

Type	A max.	B min.	B max.	C max.	D max.
Cap/base G5					
TUV 4W	135.9	140.6	143.0	150.1	16.0
TUV 6W	212.1	216.8	219.2	226.3	16.0
TUV 8W	288.3	293.0	295.4	302.5	16.0
TUV 11W	212.1	216.8	219.2	226.3	16.0
TUV 16W	288.3	293.0	295.4	302.5	16.0
Cap/base G13					
TUV 10W	331.5	336.2	338.6	345.7	28.0
TUV 15W	437.4	442.1	444.5	451.6	28.0
TUV 25W	437.4	442.1	444.5	451.6	28.0
TUV 30W	894.6	899.3	901.7	908.8	28.0
TUV 36W	1199.4	1204.1	1206.5	1213.6	28.0
TUV 55W HO	894.6	899.3	901.7	908.8	28.0
TUV 75W HO	1199.4	1204.1	1206.5	1213.6	28.0
TUV 115W VHO, -R VHO	1199.4	1204.1	1206.5	1213.6	40.5



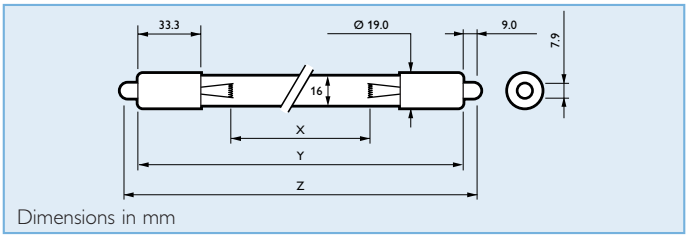
Dimensions in mm

PLS 9W 4P 2G7



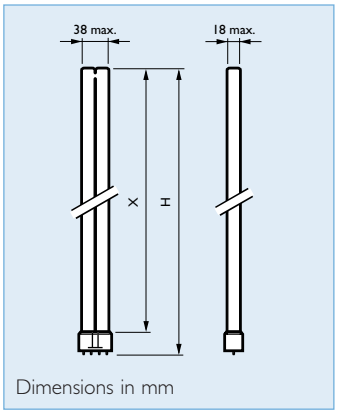
Dimensions in mm

TUV PL-S 13W GX23



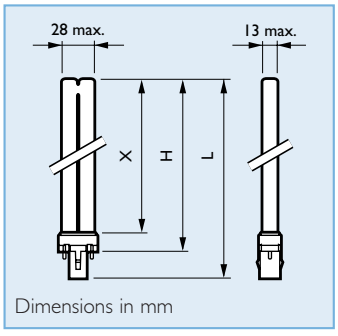
Dimensions in mm

Type	X	Y	Z
Cap/base single-pin			
TUV 36 SP T5	762	842.4±3.0	860.4±3.5
TUV 64 SP T5	1473	1553.6±3.0	1571.6±3.5



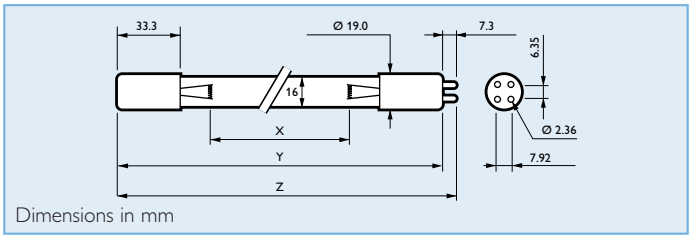
Dimensions in mm

Type	X max.	H max.
Cap/base 2G11		
TUV 18W PL-L	195	225
TUV 35W HO PL-L	195	225
TUV 36W PL-L	385	415
TUV 55W HF PL-L	505	535
TUV 60W HO PL-L	385	415
TUV 95W HO PL-L	505	535



Dimensions in mm

Type	X max.	H max.	L max.
Cap/base G23			
TUV 5W PL-S	67	83	105
TUV 9W PL-S	129	145	167
TUV 11W PL-S	198	214	236



Dimensions in mm

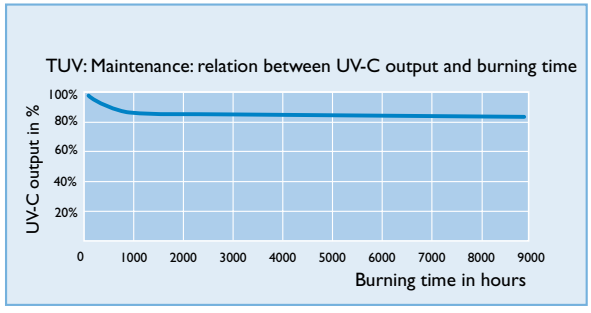
Type	X	Y	Z
Cap/base 4-pin, single-ended			
TUV 36 (HO) 4P-SE T5	762	842.4±3.0	849.5±3.5
TUV 64 (HO) 4P-SE T5	1473	1553.6±3.0	1561.0±3.5
TUV 11W 4P-SE	161	241.1±3.0	248.4±3.5
TUV 16W 4P-SE	237	317.3±3.0	324.6±3.5
TUV 25W 4P-SE	466	545.9±.0	553.2±3.5

Type	Cap/ base	Lamp wattage W	Lamp voltage V	Lamp current mA	UV-C 100h W	µW/cm² at 1 meter	Depreciation 8000h %	Useful lifetime h
TUV 36 T5 HO 4P-SE	4-pin single-ended	75*	97*	800*	25.0	230	20	9000
TUV 64 T5 HO 4P-SE	4-pin single-ended	145*	175*	800*	48.0	442	20	9000
TUV 36 SP T5	single-pin	40*	94*	425*	15.0	144	15	9000
TUV 64 SP T5	single-pin	75*	176*	425*	31.0	280	15	9000
TUV 36 4P-SE T5	4-pin single-ended	40*	94*	425*	15.0	144	15	9000
TUV 64 4P-SE T5	4-pin single-ended	75*	176*	425*	31.0	280	15	9000
TUV 11W 4P-SE	4-pin single-ended	11**	37**	330**	2.2	21	25	8000
TUV 16W 4P-SE	4-pin single-ended	16**	46**	400**	3.4	33	25	8000
TUV 25W 4P-SE	4-pin single-ended	25	82	350	7.2	66	25	8000

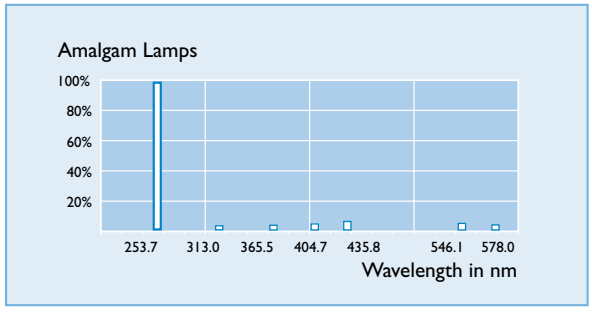
* When used with electronic gear 25 kHz HF ** When used with conventional magnetic ballast 50 Hz

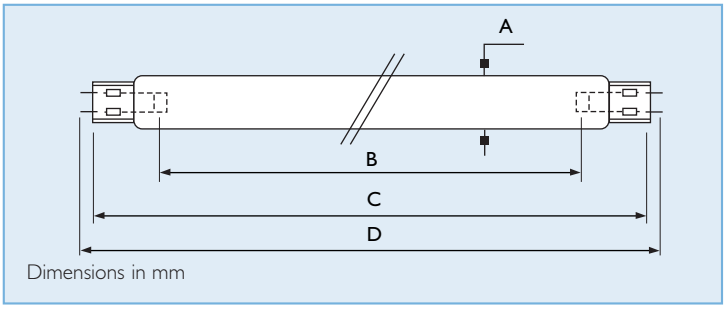
Low Pressure Amalgam Lamps

The amalgam lamp combines advantages of the low-pressure and the medium-pressure lamp. By doing this the gap is filled between the low-pressure and the medium-pressure applications. The amalgam lamp combines high efficiencies with relative high power densities operating in a broad temperature range.

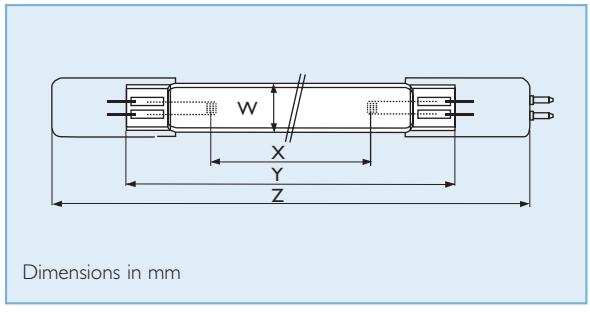


For Philips, the advantages of the amalgam concept are clear. By using our long history of lamp development we were able to design a lamp with a very high UV-C efficiency and by applying our patented coating technology we are able to guarantee a maintenance of 85% after 9000 hours operating in a broad temperature range.





Dimensions in mm



Dimensions in mm

Type T10	A max (mm)	B max (mm)	C max (mm)	D max (mm)
TUV 330W XPT	32	1440	1520	1540
TUV 270W XPT	32	1440	1520	1540
Type T6	**W max (mm)**	**X max (mm)**	**Y max (mm)**	**Z max (mm)**
TUV 325W XPT*	19	1480	1540	1580
TUV 130W XPT*	19	740	800	840

* In development, available end of 2004

Type	Cap base	Lamp wattage W	Lamp voltage V	Lamp current A	UVC 100h W	µW/cm² at 1 meter	Depreciation 9000h %	Useful lifetime h
TUV 330W XPT	Cable or 4p-SE	330	76	4.8	110	990	85	12.000
TUV 270W XPT	GX9.5/26	270	75	3.8	94	846	85	12.000
TUV 325W XPT*	4p-SE	325	145	2.3	108	972	80	12.000
TUV 130W XPT*	4p-SE	132	72	2.1	52	468	80	12.000