

Philips TUV T8

TUV T8 lamps are double-ended UVC (germicidal) lamps used in professional air disinfection units. TUV T8 lamps offer almost constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy. Moreover, they have a long and reliable lifetime, which allows maintenance to be planned for in advance.

Main applications

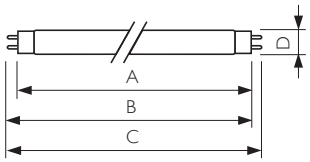
- Air disinfection systems in professional applications such as universities, hospitals, jails and laboratories
- Upper air and whole room disinfection equipment in hospitals, intensive care units and surgery rooms
- Areas with low maintenance and/or disruptive costs
- Fish ponds and process water units

Features	Benefits
Short-wave UV radiation with a peak at 253.7 nm (UVC) for disinfection purposes	Effective disinfection over the useful lifetime of the lamp
Protective inside coating ensures constant UV output over the complete lifetime of the lamp	Maintenance can be planned in advance, virtually eliminating the need for expensive spot replacement of prematurely failed lamps
Long lifetime of 18,000 hours*	High system efficacy because it is not required to over-design the purification system to maintain effectiveness of disinfection
High reliability with the lowest percentage of lamps that fail prematurely in the market (90% of all lamps still operate on full output and quality after 15,000 hours*)	Good environmental choice because of lowest amount of mercury
Special lamp glass filters out the 185 nm ozone-forming radiation	
High Output versions available for optimum UVC output per lamp length, allowing for reduction of system size	
Warning sign on lamp indicates that the lamp radiates UVC	

* based on operation on a Philips electronic driver

Technical data

	Cap-Base	Dim.no	Technical lamp wattage (W)	Lamp voltage (V)	UVC (W)at 100h on EM gear (W)	UVC (W)at 100h on HF gear (W)	Lamp Current (A)	Useful life on EM gear (h)	Useful life on HF gear (h)	Depre-ciation at useful life (%)	Packaging type	Packa-ging configu-ration	Ordering number 12 NC
10W	G13	1	9.0	44.5	2.5	-	0.230	9000	-	15	SLV	25	928024204005
15W	G13	2	15.9	54.0	4.9	5.1	0.335	9000	18000	10	SLV	25	928039004005
T8 F17	G13	3	16.7	72.0	4.5	-	0.265	9000	-	15	SLV	25	927941904020
25W	G13	2	25.5	48.0	7	7.5	0.600	9000	18000	15	SLV	25	928039404005
30W	G13	4	30.0	102.0	12	13.1	0.370	9000	18000	10	SLV	25	928039504005
36W	G13	5	36.0	103.0	15	14.7	0.440	9000	18000	10	SLV	6	928048604003
55W HO	G13	4	54.0	86.0	17.5	20.0	0.770	9000	18000	10	SLV	6	928049504003
75W HO	G13	5	75.0	110.0	25.5	28.1	0.840	9000	18000	10	SLV	6	928049404003



G13

Dim	A	B	C	D
1	331.5	338.6	345.7	28
2	437.4	444.5	451.6	28
3	589.8	596.9	604.0	28
4	894.6	901.7	908.8	28
5	1199.4	1206.5	1213.6	28

* Dimensions (mm)