

**Your Benefits:**

- Effective, environmentally friendly disinfection without chemicals
- Low mercury content
- Ozone free
- Long economical life due to special high-quality coating

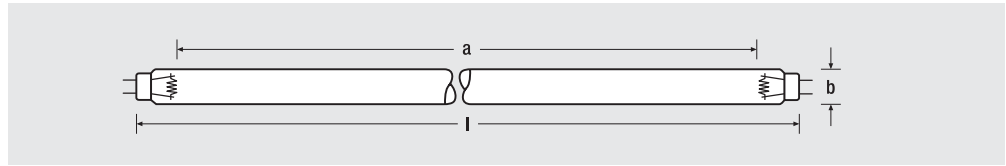
# Light is purifying PURITEC® HNS® germicidal lamps for environmentally friendly disinfection

Most people don't think of light as a means of purifying or disinfecting, but special "germicidal" lamps emit high intensity ultraviolet light that purifies air, water, and surfaces without the use of harsh chemicals that are harmful to the environment. For effective purification, the wavelength and intensity of the irradiance is critical. OSRAM PURITEC HNS germicidal lamps provide peak intensity at 254nm that is ideal for highly effective sterilization of water, air, and surfaces.

**Light is OSRAM**



## Technical Data

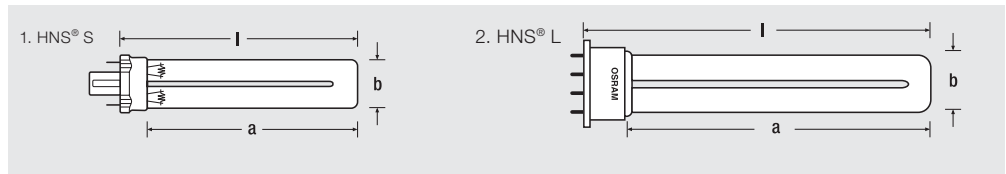
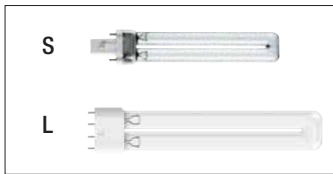


Product Description	Product Number	W	V	A	UV-C/W	l [mm]	a [mm]	b [mm]	Base	Starters	t [h]*	Icons
					254 nm							

### OSRAM PURITEC® HNS® low-pressure lamps

G4T5/OF	23397	4	29	0.17	0.9	136	79	15.5	s180	G5	ST111	6,000	25
G6T5/OF	23399	6	42	0.16	1.7	212	154	15.5	s180	G5	ST111	9,000	25
G8T5/OF	21061	8	56	0.15	2.0	288	230	15.5	s180	G5	ST111	9,000	25
G11T5/OF	23354	11	35	0.41	2.5	212	154	15.5	s180	G5	ST111	9,000	25
G16T5/OF	23357**	16	56	0.40	4.0	288	230	15.5	s180	G5	ST111	9,000	25
G15T8/OF	21259	15	55	0.33	4.9	438	367	25.5	s180	G13	ST111	9,000	25
G25T8/OF	23355	25	46	0.60	6.9	438	367	25.5	s180	G13	ST111	9,000	20
G30T8/OF	21080	30	96	0.36	12.0	895	824	25.5	s180	G13	ST111	9,000	25
G36T8/OF	21075**	36	103	0.44	15.0	1200	1135	25.5	s180	G13	ST111	9,000	25
G55T8/OF	21283	55	83	0.77	18.0	895	824	25.5	s180	G13	ST111	9,000	25

\*Economical lifetime \*\*Available upon special request



Product Description	Product Number	W	V	A	UV-C/W	l [mm]	a [mm]	b [mm]	Base	Starters	t [h]*	Icons
					254 nm							

### 1.) OSRAM PURITEC® HNS® S low-pressure lamps

GCF5DS/G23/SE/OF	23396	5	35	0.18	1.3	83	63	28	s180	G23	integr.	8,000	10
GCF7DS/G23/SE/OF	20390	7	37	0.17	1.8	111	91	28	s180	G23	integr.	8,000	10
GCF9DS/G23/SE/OF	21062	9	60	0.17	2.5	142	122	28	s180	G23	integr.	8,000	10
GCF11DS/G23/SE/OF	23398	11	75	0.15	3.0	211	191	28	s180	G23	integr.	8,000	10

### 2.) OSRAM PURITEC® HNS® L low-pressure lamps

GFT18DL/2G11/SE/OF	21054	18	58	0.38	5.5	225	195	40	s180	2G11	ST111	9,000	10
GFT24DL/2G11/SE/OF	20849	24	87	0.34	7.3	315	285	40	s180	2G11	ST111	9,000	10
GFT36DL/2G11/SE/OF	23392	36	106	0.44	10.8	415	385	40	s180	2G11	ST111	9,000	10
GFT55DL/2G11/SE/OF	23401	55	101	0.55	17.0	530	500	40	Any	2G11	No	9,000	10
GFT60DL/2G11/SE/OF	23402	60	82	0.80	19.0	415	385	40	Any	2G11	No	9,000	10
GFT95DL/2G11/SE/OF	23403	95	115	0.80	27.0	530	500	40	Any	2G11	No	9,000	10

\*Economical lifetime

**WARNING:** To prevent possible serious injury, eyes and skin should not be exposed to direct or reflected ultraviolet light emitted by this lamp. This lamp is in Risk Group 3 per ANSI/IESNA RP-27.3-96. Adequate protection should be provided by clothing, gloves, opaque materials, and ordinary window glass. Although this lamp will operate in standard fluorescent fixtures, it should not be used for general lighting applications.

Additional types may be available on our website [www.osram-america.com/germicidal](http://www.osram-america.com/germicidal).

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