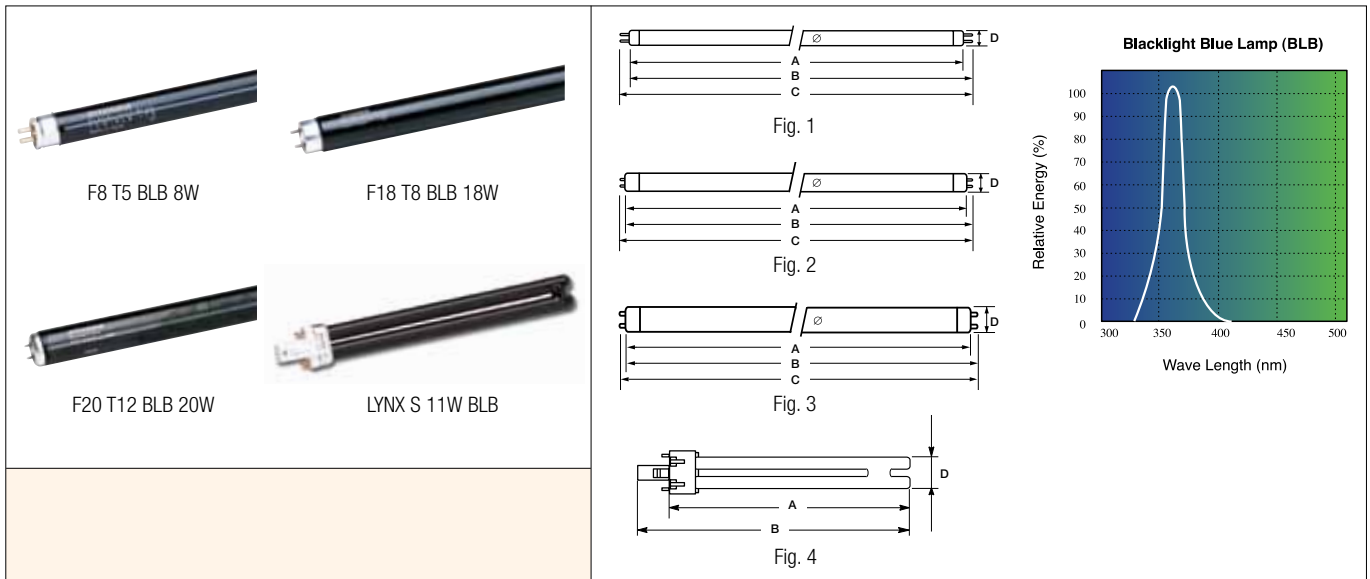


BLACKLIGHT BLUE LAMPS

Blacklight Blue lamps differ from standard fluorescent lamps only in the type and composition of phosphor used. The bulb is made of special dark-blue filter glass that absorbs practically all of the visible light, yet freely transmits the ultraviolet radiation. Fixture requirements are simple since the lamp is a completely self-contained blacklight unit.



FEATURES

- The lamps efficiently emit near ultraviolet radiation at 315nm-400nm with strong photochemical and fluorescent effects
- The special deep blue filter glass absorbs visible rays and transmits near (UV-A) ultraviolet rays only
- Shape, electrical characteristics and lighting circuits similar to general fluorescent lamps
- RoHS compliant

APPLICATIONS

- Special effects
- Counterfeit detection in philately, bank notes, papers, etc.
- Leak and crack detection
- Excitation of fluorescent paints in dark rooms
- Revealing fluorescence of drawings on textiles
- Geological investigation of stones and rocks

The RoHS (Restriction of Hazardous Substances) directive, established by the European Union (EU) and the UK RoHS became effective on 1 July 2006. These directives restrict the use of certain hazardous substances in electrical equipment. Specifically, levels of lead, cadmium, mercury are tightly controlled.

Item description	Watt W	Voltage V	Current A	Spectral Peak nm	UV-A Irradiance at 1 meter μW/cm ²	Cap	Life Hrs
F4 T5 BLB	4	29	0.170	365	≥ 4.5	G5	5000
F6 T5 BLB	6	42	0.160	365	≥ 7	G5	5000
F8 T5 BLB	8	56	0.145	365	≥ 10	G5	5000
F15 T8 BLB	15	55	0.310	365	≥ 22.5	G13	7000
F18 T8 BLB	18	57	0.370	365	≥ 34.5	G13	7000
F30 T8 BLB	30	96	0.365	365	≥ 36.5	G13	8000
F36 T8 BLB	36	103	0.430	365	≥ 39	G13	8000
F20 T12 BLB	20	57	0.370	350	≥ 15.5	G13	7000
F40 T12 BLB	40	103	0.420	350	≥ 17.5	G13	8000
LYNX-S 9W BLB	9	60	0.170	365	≥ 8.5	G23	8000
LYNX-S 11W BLB	11	90	0.155	365	≥ 17.5	G23	8000

Item description	Dimensions				Figure Nr.	Packing Quantity	Ordering Code
	A (mm)	B (mm)	C (mm)	D (mm)			
F4 T5 BLB	136	143	150	16	1	50	000008
F6 T5 BLB	212	219	226	16	1	50	000018
F8 T5 BLB	288	295	303	16	1	50	000024
F15 T8 BLB	437	445	452	26	2	100	000077
F18 T8 BLB	590	597	604	26	2	100	0000698
F30 T8 BLB	895	902	909	26	2	25	000158
F36 T8 BLB	1199	1207	1214	26	2	25	0000699
F20 T12 BLB	590	599	604	41	3	25	9000358
F40 T12 BLB	1199	1207	1214	41	3	25	9000186
LYNX-S 9W BLB	145	167	28	12	4	200	0025043
LYNX-S 11W BLB	215	237	28	12	4	200	0025042