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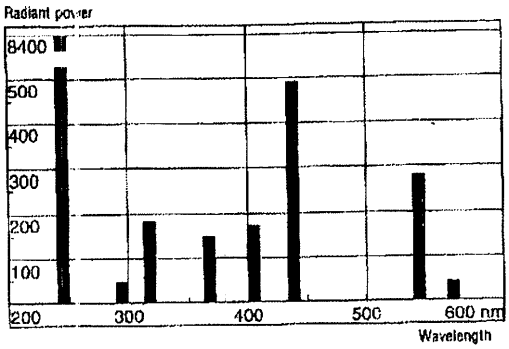
Germicidal/Blacklight-Blue Lamps

Germicidal Lamps

Sylvania germicidal lamps radiate more than 85% of their energy at a wave-length of 253.7 nm in the ultra-violet spectrum, a radiation which kills bacteria and other micro-organisms.

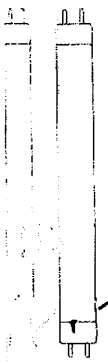
Sylvania germicidal lamps are used for sterilization (and deodorization) of air, gases, liquids and surfaces of solids as for i.e. in air conditioning systems, hospitals, food processing industries, breweries, etc.

Safety Precautions: The emitted radiation is harmful to skin and eyes. Direct exposures must be avoided.



Wattage W	Product Description	Colour	Standard Packing Quantity	Dimensions (mm) Ø	Dimensions (mm) Length	Cap	U.V. Radiation W	Ordering Number
8	G8T5	Germicidal Lamps	24	16	288	G5	1.40	00501
15	G15T8	Germicidal Lamps	12	26	437	G13	3.30	00502
30	G30T8	Germicidal Lamps	12	26	895	G13	8.40	00503

Blacklight-Blue Lamps

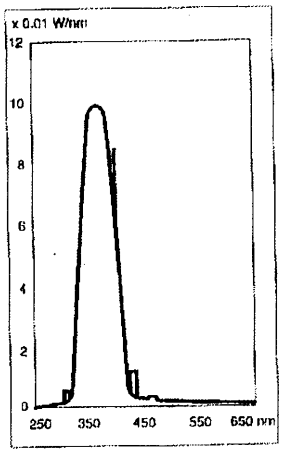


Wattage W	Product Description	Colour	Standard Packing Quantity	Dimensions (mm) Ø	Dimensions (mm) Length	Cap	Ordering Number
4	F4W/BL	Blacklight 350	25	16	136	G5	00007
4	F4W/BLB	Blacklight Blue	50	16	136	G5	00008
6	F6W/BLB	Blacklight Blue	30	16	212	G5	00018
8	F8W/BLB	Blacklight Blue	50	16	288	G5	00024
15	F15W/T8/BLB	Blacklight Blue	6	26	437	G13	00077
18	F18W/BLB/ES	Blacklight Blue	12	26	590	G13	00698
36	F36W/BLB/ES	Blacklight Blue	12	26	1200	G13	00699

Blacklight Radiant Energy

Blacklight-Blue fluorescent lamps are made with a special dark blue "Woods glass" filter, which absorbs practically all the visible light but freely transmits the ultra-violet radiation (peaking at 356.0 nm).

They are used to create dramatic lighting effects in bars, night clubs and discotheques, and also in industry and commerce for detection/tracing work.



F 40W/BLB

Replacing Tubes and Starters General

1. DISCONNECT MAINS SUPPLY BEFORE CARRYING OUT ANY FORM OF MAINTENANCE.

2. Remove the screws from the frame retaining the glass or mylar film, remove the frame and glass from the unit taking care not to mark the reverse face of the glass with finger prints etc.
   Note
   Where gas struts are fitted it is necessary to unfasten them from the top only. Use suitable tools to unscrew and remove the pivot pin then use a hexagon socket driver to remove the gas strut bracket from the top. It is advisable to support the top against a perpendicular surface care should be taken to protect the painted surfaces.

3. With the frame and glass/mylar removed the tubes and starters are now accessible. Twist the tubes through 90 degrees and then lift them clear of their holders. Twist and unplug the starters from their holders.

4. Reassemble in reverse order taking care not to damage or mark the surfaces of the glass or mylar film, if necessary clean with a water damp cloth.

5. When testing do not view the illuminated tubes from a close distance for an extended period.