

SYLVANIA

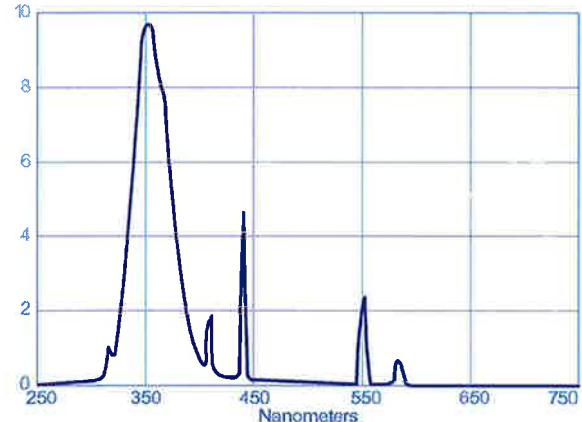
Blacklight Lamps (BL350)

Blacklight

Blacklight lamps differ from standard fluorescent lamps only in the type and composition of phosphor used. They radiate the major portion of their energy in the ultraviolet region (peaking in the 356 nm), rather than in the visible range.

The clear glass bulb passes some visible blue radiation. When it is desirable to suppress the visible radiation, external deep-blue plate or tube filters are placed over or around the lamps. The filters are frequently a part of the fixture and can be used repeatedly as the lamps are replaced.

The blacklight lamp plus the external filter is an economical combination for a blacklight source.



Lamps : standard glass - Max. output at 350 nm

Applications

Blacklight lamps are used for

- insect traps
- diazo printing machines
- photopolymerisation
- chemical processing
- mineral detection
- various technical applications

Fixtures for Blacklight Lamps

Blacklight lamps are equivalent to other fluorescent lamps in electrical and physical characteristics. They operate in the same circuits and with the same equipment as equivalent wattages of fluorescent lamps.



Blacklight Lamps (BL350)

Description	Watts	Volts	Length (mm)	Diameter (mm)	Base	Box Quantity	Order Code
F4 T5 BL350	4.5	29	135.9	16.0	G5	50	00007
F6 T5 BL350	6.0	42	212.1	16.0	G5	50	00017
F8 T5 BL350	7.1	56	288.3	16.0	G5	25	00023
F11 T5 BL350 9"	11.0	34	212.1	16.0	G5	25	00384
F12.5 T5 BL350	12.5	45	288.3	16.0	G5	24	01874
F15 T5 BL350	15.0	40	288.3	16.0	G5	200	00045
F25 T5 BL350	25.0	66	516.9	16.0	G5	25	-
F15 T8 BL350 coated	15.0	55	437.4	28.0	G13	25	00121
F15 T8 BL350	15.0	55	437.4	28.0	G13	25	00079
F25 T8 BL350 18"	25.0	70	457.2	28.0	G13	24	02165
F30 T8 BL350	30.0	96	914.4	28.0	G13	24	00157
F15 T12 500PH BL350	15.0	57	381.0	40.5	G13	30	22918
F18 T12 700PH BL350	18.0	57	457.2	40.5	G13	30	22917
F20 T12 UVA BL350	20.0	57	589.8	40.5	G13	25	00422
F20 T12 BL350 24" coated	20.0	57	609.6	40.5	G13	25	00122
F40 T12 BL350 2ft UVA	40.0	47	589.8	40.5	G13	25	00404
F40 T12 BL350 4ft	40.0	103	1199.4	40.5	G13	30	00185
F40 T12 BL350 coated	40.0	103	589.8	40.5	G13	25	00123
Circline FC22 BL350	22.0	62	215.9	30.9	G10q	12	00454
Circline FC8 RS BL350	22.0	62	203.2	31.5	G10q	12	00452
Circline FC32 BL350 8"	32.0	81	215.9	30.9	G10q	12	-
Circline FC32 BL350	32.0	81	311.2	29.4	G10q	12	-
Lynx CFS 9W BL350	8.7	60	162.0	28.0	G23	50	25276
Lynx CFS 11W BL350	11.4	90	230.0	28.0	G23	50	25277
Lynx CFS 13W BL350	13.4	63	181.0	28.0	GX23	50	25399

Effects of Blacklight Energy on People

Blacklight energy as emitted by blacklight lamps is also emitted by sun and sky lights and is therefore a natural component of our environment. Blacklight energy from filtered natural light or blacklight lamps, causes the eye media to fluoresce producing sensations that have been described as unusual or uncomfortable. The fluorescence of the eye media is temporary, existing for the time of exposure and producing no known after effects.

If you would like more information or a visit from an engineer, please contact your nearest SPG office.

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Special Products Group

Industriepark
B-3300-Tienen
Belgium
Tel.: +32.16.80 03 65
Telefax : +32.16.80 03 67

6600, North Andrews Avenue
Suite 240 - Ft.Lauderdale
Florida 33309 - USA
Tel.: 1.800.774.1606
Telefax : 1.954.776 7850

Sylvania Way
Lisarow/Gosford 2250
N.S.W. - Australia
Tel.: +61.43.29 88 88
Telefax : +61.43.28 26 05

915, Tsim Sha Tsui Centre
East Wing, 66 Mody Road
Kowloon - HONG KONG
Tel.: +852.2.369 5531
Telefax : +852.2.721 8621

Otley Road, Charlestown
Shipley, West Yorkshire
BD17 7SN - Great Britain
Tel.: +44.1274.53 77 01
Telefax : +44.1274.58 06 32