

Fluorescent Black Lights

Product Bulletin

Black Lights Play a Versatile Role while the Safety-Coating Protects the Workplace

DESCRIPTION

Insect electrocutor units rely on black lights to attract insects with UV-ultraviolet light. The special safety coating on Shat-R-Shield Black Lights makes it possible to place "bug zapper" units in the workplace where unprotected glass is prohibited. Offered in popular T8 and T12 fluorescent sizes, all black lights should be replaced after 7,000 hours. At this point, UV light deteriorates to levels ineffective to attract insects. Black lights are also used for inspection and quality control purposes in a variety of applications.



FEATURES *Black Lights*

- UV stabilizers (present in the plastic formula) prevent degradation of the safety coating but allow critical UV wavelengths to pass through -- to attract insects.
- No need for clumsy, risky sleeves and end caps forever! Shat-R-Shield Black Lights are ready-for-use, right out of the box.
- Offered in both BL (Black Light) and BLB (Black Light Blue) models.
- If a Shat-R-Shield fluorescent lamp is accidentally broken, virtually all glass, phosphors, and mercury are safely contained within the clear and tough, skin-tight plastic coating.
- Safety coating reduces light output by less than 1% and is a minimum of 16-mils.
- Lamps are 100% inspected for coating thickness, integrity and for lighting performance.
- Shat-R-Shield coatings are certified by **UL**[®] and **NSF**[®] and meet **FDA**, **OSHA**, **CFIA** (Canadian Food Inspection Agency) and Mexico Department of Agriculture, Livestock and Rural Development regulations.



APPLICATIONS

- food processing
- industrial
- medical
- pharmaceutical
- foodservice
- recreation

where advanced lighting **performance** and **safety** are important issues.

GUARANTEE

The safety coating on a Shat-R-Shield Fluorescent Lamp is guaranteed for the rated-life of the lamp.



Shat-R-Shield offers a complete line of safety-coated, shatterproof lamps including fluorescents, incandescents & HIDs



SPECIFICATIONS

Safety-Coated, Black Lights - T8 & T12 - BL & BLB - Med BiPin

Nominal Lamp Watts	UPC/ Catalog Order #	Ordering Description	Std. Pkg. Qty.	Lamp Description	Nominal Length (Inches)	Avg. Life (Hours)	Bulb
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Preheat T8 Fluorescent Black Lights

15	17191I	F15T8/BL	6	BLACK LIGHT	18	7,500	T8
	17201I	F15T8/BLB	6	BLACK LIGHT BLUE	18	7,500	T8
30	27191I	F30T8/BL	6	BLACK LIGHT	36	7,500	T8
	27202	F30T8/BLB	6	BLACK LIGHT BLUE	36	7,500	T8

Preheat T12 Fluorescent Black Lights

20	23191I	F20T12/BL (6)	15	BLACK LIGHT	24	9,000	T12
	27201I	F20T12/BLB (6)	15	BLACK LIGHT BLUE	24	9,000	T12

Rapid Start T12 Fluorescent Black Lights

40	30191I	F40T12/BL	15	BLACK LIGHT	48	20,000+	T12
	30200S	F40T12/BLB	15	BLACK LIGHT BLUE	48	20,000+	T12

NOTE: These lamps are designed for service other than illumination.

When used in insect electrocutors, we recommend replacement of lamps after 7,000 hours of use because black light in a coated or uncoated lamp deteriorates at a predictable rate. After 7,000 hours, the lamp's ability to attract insects is ineffective.

- Lamps should be installed in open fixtures only.
- Lamps must be installed and operating in ambient temperatures below 120 degrees F.
- Lamps cannot be used in fixtures employing defective ballasts; ballasts that have been used longer than their rated-life; or ballasts that are improperly wired. Lamps cannot be used in fixtures where poor pin contact occurs.
- Lamp types and ballast types must be compatible (rapid-start lamps with rapid-start ballasts, etc.)



USDA Approved, Meets FDA, OSHA, CFIA (Canadian Food Inspection Agency) and Mexican Department of Agriculture, Livestock and Rural Development Regulations

shat-r-shield[®] INC.
PLASTIC-COATED, SHATTERPROOF LAMPS & LIGHTING PRODUCTS

