

## UV-Blocking Fluorescent Gold Lamps

# Product Bulletin

### Safety-Coated Shat-R-Shield Gold<sup>®</sup> Lamps Block UV Emissions for Critical Applications

#### DESCRIPTION

The Shat-R-Shield Gold line of fluorescent lamps produce high-lumen task lighting and they filter out ultraviolet (UV) emissions and wavelengths below 520nm. Safely eliminating these wavelengths is crucial in light-sensitive environments such as semiconductor manufacturing and research laboratories. Shat-R-Shield Gold products also feature a tough, skin-tight, end-to-end plastic coating that safely contains virtually all glass and other lamp contaminants if the lamp is accidentally dropped or broken.



#### FEATURES *Safety-Coated, Fluorescent Gold Lamps*

- Shat-R-Shield Gold lamps are offered in popular T8 and T12 fluorescent sizes; featuring UV protection and high lumen task lighting performance over the entire life of the lamp.
- Unlike plastic sleeves, the skin-tight safety coating prevents heat build-up that leads to premature lamp burnout, discoloration and cracking. Use of Shat-R-Shield instead of sleeves, decreases downtime, labor costs, lamp replacement and lamp disposal.
- Shat-R-Shield Gold lamps go directly from the box into the fixture. No fumbling with risky sleeves and end caps. Even an 8-ft. lamp can be installed by one person.
- Shat-R-Shield coatings are certified by **UL**<sup>®</sup> and **NSF**<sup>®</sup>, are **USDA** approved and meet **FDA**, **OSHA**, **CFIA** (Canadian Food Inspection Agency) and Mexico Department of Agriculture, Livestock and Rural Development regulations.
- If a Shat-R-Shield lamp is dropped or broken, virtually all glass, phosphors, and mercury are safely contained within the skin-tight, end-to-end plastic coating.

#### APPLICATIONS

- semiconductor production clean rooms
- research laboratories
- industrial clean rooms
- pharmaceutical manufacturing
- photosensitive areas

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

#### GUARANTEE

The safety coating on a Shat-R-Shield Gold 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



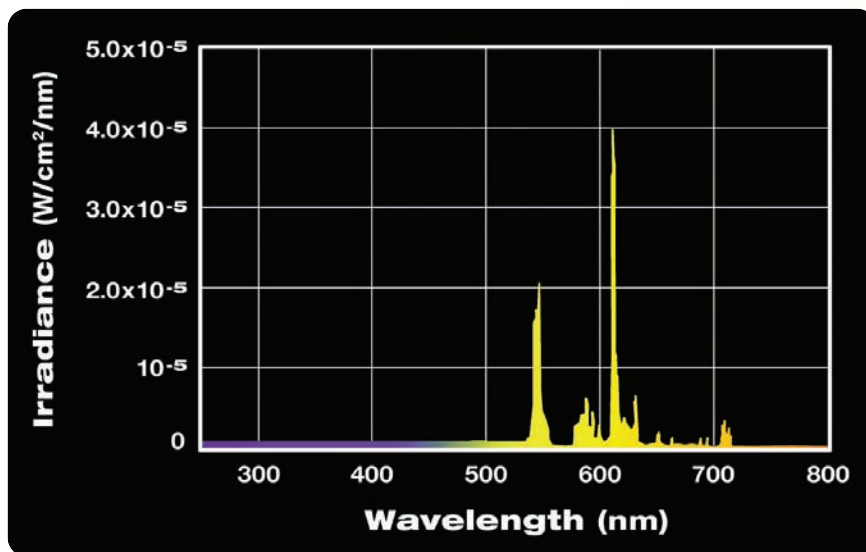
## SPECIFICATIONS

**Safety-Coated, Shat-R-Shield Gold<sup>®</sup> UV-Blocking Fluorescent Gold Lamps**  
Med Bipin and Single Pin

Nominal Lamp Watts	UPC/Catalog Order#	Lamp Code	Bulb	Base	Std. Pkg. Qty.	Nominal Length (Inches)	Rated Life (Hours)
17	20499	F17T8 SRS/GOLD/ALTO*	T8	Med. BiPin	25	24	20,000
25	45489	F25T8 SRS/GOLD/ALTO	T8	Med. BiPin	25	36	20,000
32	46499	F32T8 SRS/GOLD/ALTO*	T8	Med. BiPin	25	48	20,000
34	30039	F34T12 SRS/GOLD/ES/ALTO	T12	Med. BiPin	30	48	20,000
56	40039	F72T12 SRS/GOLD/ALTO	T12	Single Pin	15	72	12,000
59	43499S	F96T8 SRS/GOLD/ALTO*	T8	Single Pin	24	96	20,000
75	44259	F96T12 SRS/GOLD	T12	Single Pin	15	96	10,000

\* T8 lamps must be used on rapid-start electronic ballast only.

- NOTE:**
- Lamps should be installed in open fixtures only.
  - Lamps **must** be installed and operating in ambient temperatures below 120 degrees F.
  - The 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.
  - The 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.)



**Shat-R-Shield Gold<sup>®</sup>**  
Blocks UV Spectrum Light  
from Your Critical Application  
While Providing High Lumen  
Task Lighting Performance



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

**shat-r-shield**<sup>®</sup> INC.  
PLASTIC-COATED, SHATTERPROOF LAMPS & LIGHTING PRODUCTS

