

High Performance T5 HO Fluorescents

Product Bulletin

Shatterproof Coating Stands the Test-of-Time Against Heat and UV — Protected with PFA

DESCRIPTION

High Performance, T5 HO Fluorescents are gaining popularity as replacements for HIDs in high bay fixtures. However, elevated heat and concentrated UV (ultraviolet) issues associated with T5s provide a challenge in making the product reliably shatterproof. Our extensive research and development has revealed that PFA is the only material that will stand the test-of-time against extreme heat and UV. Don't risk your safety and dollars with products that use other plastics.

Shat-R-Shield Beats the Heat.



FEATURES *Safety-Coated, T5 HO Fluorescent Lamps*

- *High Performance*, T5 HO lamps offer excellent color rendering benefits and high lumen maintenance (still generating as much as 97% of original light output at 40% rated life). T5s also provide instant re-strike and dimming capabilities which are very important when installed in areas using occupancy sensors.
- Less energy consumption can be achieved by using T5s; extremely high lumen output per watt ratings.
- T5s provide longer lamp life (fewer lamps purchased and recycled).
- The clear and tough, safety coating reduces light output by only less than 1% and is a minimum of 10-mils thick.
- Shat-R-Shield coatings are certified by **UL**[®] and **NSF**[®], meet **FDA**, **OSHA**, **ASME**, **CFIA** (Canadian Food Inspection Agency) and Mexico Department of Agriculture, Livestock and Rural Development standards.
- If a Shat-R-Shield lamp is dropped or broken, virtually all glass, phosphors, and mercury are safely contained within the skin-tight coating.



Shat-R-Shield, Inc. • 116 Ryan Patrick Drive • Salisbury, NC 28147-5624
tel: (800) 223-0853 • fax: (704) 633-3420 • www.shatrshield.com

APPLICATIONS

The Shat-R-Shield line of safety-coated, high performance T5 HO fluorescent lamps are ideal for use in industrial and commercial facilities:

- food processing
- warehouse
- retail and grocery
- aircraft hangars
- manufacturing plants
- horticulture
- aquariums

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

GUARANTEE

The PFA coating on a Shat-R-Shield, T5 HO 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

High Output Programmed Start T5 Fluorescent Lamps Med Bipin

Nominal Lamp Watts	UPC/Catalog Order#	Ordering Description	Std. Pkg. Qty.	Color Temp. (Kelvin)	CRI	Nom. Length (Inches)	Rated Av. Life		Design Lumens
							3-hr Start	12-hr. Start	
24	\$ 80528	F24T5/830/HO/ALTO	40	3000°K	85	22	25,000	35,000	1,900
	\$ 80538	F24T5/835/HO/ALTO	40	3500°K	85	22	25,000	35,000	1,900
	\$ 80548	F24T5/841/HO/ALTO	40	4100°K	85	22	25,000	35,000	1,900
39	\$ 87528	F39T5/830/HO/ALTO	40	3000°K	85	34	25,000	35,000	3,325
	\$ 87538	F39T5/835/HO/ALTO	40	3500°K	85	34	25,000	35,000	3,325
	\$ 87548	F39T5/841/HO/ALTO	40	4100°K	85	34	25,000	35,000	3,325
54	ⓔ \$ 82527	F54T5/830/HO/ALTO	40	3000°K	85	46	25,000	35,000	4,750
	ⓔ \$ 82537	F54T5/835/HO/ALTO	40	3500°K	85	46	25,000	35,000	4,750
	ⓔ \$ 82548	F54T5/841/HO/ALTO	40	4100°K	85	46	25,000	35,000	4,750
	ⓔ \$ 82558	F54T5/850/HO/ALTO	40	5000°K	82	46	25,000	35,000	4,625
	82526I	F54T5/830/HO	25	3000°K	85	48	24,000	30,000	4740
	82536I	F54T5/835/HO	25	3500°K	85	48	24,000	30,000	4740
	82546I	F54T5/841/HO	25	4100°K	85	48	24,000	30,000	4740
	82556I	F54T5/850/HO	25	5000°K	85	48	24,000	30,000	4740
	80	\$ 89528	F80T5/830/HO/ALTO	40	3000°K	85	58	25,000	35,000
\$ 89548		F80T5/841/HO/ALTO	40	4100°K	85	58	25,000	35,000	6,650

\$ – Energy-Saving Product

ⓔ – This bulb meets U.S. Federal minimum efficiency standards.

ALTO® – Reduced Mercury Lamps - Philips® Lighting Company

NOTE – T5 HO lamps safety-coated with PFA® *do not* block ultraviolet (UV) light.

Shat-R-Shield T5HO safety-coated fluorescent lamps can be used in open or enclosed fixtures. For warranty compliance, ambient temperature inside an enclosed fixture must be maintained below 400°F.



USDA Approved, Meets FDA, OSHA, ASME, 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

CERTIFIED



ANSI / NSF 2
Fabricated Food Service Equipment
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