

Shatter-Resistant 25-Watt T8 Fluorescent

safety • selection • support
it's all covered by *Shat-R-Shield*®



Philips ALTO II™
F32T8 25W

Osram/Sylvania Octron®
F32T8 25W

Go Green with **Shat-R-Shield Orange**

For Industrial, Retail, Medical, Office,
Schools and General Lighting



Meets FDA, OSHA, ASME,
Canadian (CFIA) and Mexican Government
Food Safety Regulations



Energy savings Extra long life Eco-Responsibility

Outstanding energy savings

- Instantly reduce wattage by 7-watts per lamp over standard 32W T8. Save \$28.00* in energy costs over the lamp's average rated life (see chart on back).
- Energy-saving, extra long life 25-Watt T8 lamps meet CEE (Consortium for Energy Efficiency) Commercial Lighting T8 reduced-wattage lamp specifications.

Extended life

- Up to 46,000 hours average rated life. Maintenance costs reduced by extending the relamping cycle.

Better for the environment

- Philips ALTO II™ lamps feature low mercury. Only 1.7 mg of mercury.
- Designed to reduce pollutants in the environment, Philips and Osram/Sylvania product pass Federal TCLP standards.
- Longer life means fewer lamps to recycle -- reducing impact on the environment.

Performance

- Range of color temperatures to fit the application.
- High CRI rating.
- Exceptional lumen specifications.

Safety

- The clear and tough, skin-tight plastic coating will safely contain virtually all glass, phosphors and mercury if the lamp is accidentally broken.
- Shat-R-Shield warrants its safety coating on linear fluorescents for the rated life of the lamp used in open or enclosed fixtures (see Warranty on back).

* Based on wattage savings (7W) x rated average life (40,000 hours) x kWh rate (\$.10)

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

ALTO II™ is a registered trademark of Philips Lighting Company
Octron® is a registered trademark of Osram/Sylvania

Specifications 25-Watt Energy Saving T8 Med BiPin

UPC Catalog Order #	Description	Std. Pkg. Qty.	Nominal Wattage	Nominal Length (In.)	Av. Rated Life (hrs.)*		Approx. Lumens		Color Temp. (*Kelvin)	Color CRI
					12-hr. Ins. Start	12-hr. Prog. Start	Initial	Design		
46641	F32T8/ADV830/XLL/ALTO/25W	25	25	48	40,000	46,000	2400	2330	3000	85
46642	F32T8/ADV835/XLL/ALTO/25W	25	25	48	40,000	46,000	2400	2330	3500	85
46643	F32T8/ADV841/XLL/ALTO/25W	25	25	48	40,000	46,000	2400	2330	4100	85
46644	F32T8/ADV850/XLL/ALTO/25W	25	25	48	40,000	46,000	2350	2280	5000	85
46631S	F32T8/25W/830/XP/SS/ECO3	30	25	48	30,000	36,000	2475	2350	3000	85
46632S	F32T8/25W/835/XP/SS/ECO3	30	25	48	30,000	36,000	2475	2350	3500	85
46633S	F32T8/25W/841/XP/SS/ECO3	30	25	48	30,000	36,000	2475	2350	4100	85
46634S	F32T8/25W/850/XP/SS/ECO3	30	25	48	30,000	36,000	2400	2280	5000	85

* Average life under engineering data with lamps turned off and restarted once every 12 operating hours.

Lamps meet US Federal Minimum Efficiency Standards.

ALTO[®] is a registered trademark of Philips Lighting Company. ECO[®] and ECOLOGIC[®] are registered trademarks of Osram/Sylvania.

Operates on any Instant Start and Programmed Start Ballast

Linear Fluorescent Lamp Warranty

- Lamps can be installed in open or enclosed fixtures.
- Lamps must be installed and operating in ambient temperatures below 150°F for T8 and T12; below 400°F for T5HO lamps.
- 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.)
- Shat-R-Shield, Inc. reserves the right to have an employee or agent inspect the fixture, ballast and/or location where a lamp with a failed coating was installed.
- The Osram/Sylvania Quick60+[®] System Warranty provides additional warranty coverage for approved O/S lamps installed in Quicktronic[®] ballasts (**CONTACT Shat-R-Shield**).
- Philips Advantage[®] Plus 90 Protection matches any major manufacturer's "system" warranty and extends it for another 90 days. The Philip's program allows the use of any major brand of lamps (Philips, GE, Osram) that are used now or in the future. Open to all distributors (**CONTACT Shat-R-Shield**).

ENERGY SAVING T8

Dollar Savings Over the Life of a 25-Watt Lamp vs 32-Watt Lamp

kWh Rate	Rated Average Life (hrs.)
	40,000
\$0.06	\$16.80
\$0.08	\$22.40
\$0.10	\$28.00
\$0.12	\$33.60
\$0.14	\$39.20



Safety-Coated, Energy-Saving T8s with UV Protection - Ideal for:

- Retail
- Food / beverage processing
- Libraries and Museums
- Elevators
- Medical
- Schools
- Office

where safety and lighting performance are important

Shat-R-Shield coated fluorescent lamps and their manufacture are covered by U.S. Patent No. 7,572,479.

The color **ORANGE** is a registered trademark of Shat-R-Shield[®]

Safety-Coated SuperT8, T5HO and Compact Fluorescent Lamps



- Energy saving
- Reduced recycling
- Lower wattage
- Reduced mercury

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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