

# Shatter-Resistant 28-Watt T8 Fluorescent

PB-11

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



Osram/Sylvania Octron®

Philips Alto II™

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



CERTIFIED

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

ANSI/NSF 2  
Fabricated Food Service Equipment  
<38EJ>



## Energy & cost savings No lumen sacrifice Extended life

### Outstanding energy savings

- Instantly reduce wattage by 4-watts per lamp over standard 32W T8. Save \$14.45\* in energy costs over the lamp's average rated life (see chart on back).

### Extended life

- Up to 36,000 hours.\*\* Reduce maintenance cost by extending the relamping cycle.

### Better for the environment

- Philips ALTO II™ technology - only 1.7mg of mercury.
- 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.
- High initial lumens.

### Safety

- The clear and tough, skin-tight plastic coating will safely contain virtually all glass, phosphors and mercury if the lamp is accidentally broken. Greatly reduces risk to employees, customers, equipment and product.
- 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).

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

\* Based on wattage savings (4W) x rated average life (36,000 hours) x kWh rate (\$.10)

\*\* Average rated life based on 12-hours per start on instant and program start ballasts.

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

**Specifications 28-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
						Initial	Mean		
46645	F32T8/ADV830/EW/ALTO	25	28	48	36,000	2725	2645	3000	85
46647	F32T8/ADV835/EW/ALTO	25	28	48	36,000	2725	2625	3500	85
46540	F32T8/ADV841/EW/ALTO	25	28	48	36,000	2725	2625	4100	85
46556	F32T8/ADV850/EW/ALTO	25	28	48	36,000	2675	2595	5000	85
69545S	FO28/830/XP/SS/ECO3	30	28	48	36,000	2725	2590	3000	85
69546S	FO28/835/XP/SS/ECO3	30	28	48	36,000	2725	2590	3500	85
69468S	FO28/841/XP/SS/ECO3	30	28	48	36,000	2725	2590	4100	85
69467S	FO28/850/XP/SS/ECO3	30	28	48	36,000	2600	2470	5000	80

\* Average Rated Life is based on 12-hours per start: Osram/Sylvania evaluated on instant start ballast; Philips evaluated on program start ballast. ALTO<sup>®</sup> is a registered trademark of Philips Lighting Company. ECO<sup>®</sup> and ECOLOGIC<sup>®</sup> 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.
- T8 and T12 fluorescent lamps must be installed and operating in ambient temperatures below 150°F (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+<sup>®</sup> System Warranty provides additional warranty coverage for approved O/S lamps installed in Quicktronic<sup>®</sup> ballasts (contact Shat-R-Shield).
- Philips Advantage<sup>®</sup> 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 **28WT8 Lamp vs Standard F32T8**

kWh Rate	Rated Average Life (hrs.)
	<b>36,000</b>
\$0.06	\$8.67
\$0.08	\$11.56
\$0.10	\$14.45
\$0.12	\$17.34
\$0.14	\$20.24



**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

**Safety-Coated SuperT8, T5HO and Compact Fluorescent Lamps**



- Energy saving
- Extended life
- Lower wattage
- Reduced mercury

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

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