



# Energy savings, extra low mercury

## Energy Advantage T8

Philips Energy Advantage T8 lamps offer high energy savings without sacrificing performance.

### Benefits

- Operates on any Instant Start and Programmed Start Ballast‡
- Reduce maintenance costs by extending the relamping cycle
- Reduced impact on the environment without sacrificing performance
- ‡ Starting voltage should be equal to or greater than 550V. These lamps are not recommended for use where the temperature in fixture is below 70°F. Striations may occur where air movement is present in fixture. For best operation, use ballast with anti-striation circuitry.

### Features

- Save 7 watts and nearly \$26 in energy costs over the life of the lamp when comparing the Energy Advantage T8 25W XEW to a standard T8 32W lamp\*\*
- Available in multiple wattages: 25W, 28W and 30W
- Available in multiple color temperatures: 3000K, 3500K, 4100K, 5000K
- \*\* Based on wattage savings (7W) x rated average life (38,000 hours) x kWh rate (\$.10).

### Application

- Ideal for applications requiring maximum energy savings.

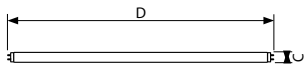
# Energy Advantage T8

## Versions



G13, T8

## Dimensional drawing



### Product

F32T8/ADV835/XEW/ALTO 25W 30PK  
 F32T8/ADV830/EW/ALTO 28W 30PK  
 F32T8/ADV850/XEW/ALTO 25W 30PK  
 F32T8/ADV841/XEW/ALTO 25W 30PK  
 F32T8/ADV835/EW/ALTO 28W 30PK  
 F32T8/ADV841/EW/ALTO 28W 30PK  
 F32T8/ADV830/XEW/ALTO 25W 30PK  
 F32T8/ADV850/EW/ALTO 28W 30PK

### Approval and Application

Energy Saving Product	Energy Saving
Mercury (Hg) Content (Nom)	1.7 mg

### General Information

Cap-Base	G13
Life 12-Hr Instant Start [Hrs]	38000 h
Life 12-Hr Programstart [Hrs]	44000 h
Life 3-Hr Instant Start [Hrs]	32000 h
Life 3-Hr Program Start [Hrs]	38000 h

### Mechanical and Housing

Bulb Shape	T8
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### Approval and Application

Order Code	Full Product Name	Picogram Per Lumen Hour
281014	F32T8/ADV830/EW/ALTO 28W 30PK	27 pg/lm.h
281022	F32T8/ADV835/EW/ALTO 28W 30PK	27 pg/lm.h
281030	F32T8/ADV841/EW/ALTO 28W 30PK	27 pg/lm.h
281055	F32T8/ADV850/EW/ALTO 28W 30PK	27 pg/lm.h
282046	F32T8/ADV830/XEW/ALTO 25W 30PK	29 pg/lm.h
282095	F32T8/ADV835/XEW/ALTO 25W 30PK	29 pg/lm.h
280784	F32T8/ADV841/XEW/ALTO 25W 30PK	29 pg/lm.h
280792	F32T8/ADV850/XEW/ALTO 25W 30PK	30 pg/lm.h

## Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
281014	F32T8/ADV830/EW/ALTO 28W 30PK	28 W
281022	F32T8/ADV835/EW/ALTO 28W 30PK	28 W
281030	F32T8/ADV841/EW/ALTO 28W 30PK	28 W
281055	F32T8/ADV850/EW/ALTO 28W 30PK	28 W

Order Code	Full Product Name	Power (Rated) (Nom)
282046	F32T8/ADV830/XEW/ALTO 25W 30PK	25 W
282095	F32T8/ADV835/XEW/ALTO 25W 30PK	25 W
280784	F32T8/ADV841/XEW/ALTO 25W 30PK	25 W
280792	F32T8/ADV850/XEW/ALTO 25W 30PK	25 W

## Light Technical (1/2)

## Energy Advantage T8

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
281014	F32T8/ ADV830/EW/ ALTO 28W 30PK	Advantage 830	Advantage 830	3000 K	85
281022	F32T8/ ADV835/EW/ ALTO 28W 30PK	Advantage 835	Advantage 835	3500 K	85
281030	F32T8/ ADV841/EW/ ALTO 28W 30PK	Advantage 841	Advantage 841	4100 K	82
281055	F32T8/ ADV850/EW/ ALTO 28W 30PK	Advantage 850	Advantage 850	5000 K	82

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
282046	F32T8/ ADV830/XEW/ ALTO 25W 30PK	Advantage 830	Advantage 830	3000 K	85
282095	F32T8/ ADV835/XEW/ ALTO 25W 30PK	Advantage 835	Advantage 835	3500 K	85
280784	F32T8/ ADV841/XEW/ ALTO 25W 30PK	Advantage 841	Advantage 841	4100 K	85
280792	F32T8/ ADV850/XEW/ ALTO 25W 30PK	Advantage 850	Advantage 850	5000 K	82

### Light Technical (2/2)

Order Code	Full Product Name	Design Mean Lumens	Luminous Flux (Nom)
281014	F32T8/ADV830/EW/ALTO 28W 30PK	2645 lm	2725 lm
281022	F32T8/ADV835/EW/ALTO 28W 30PK	2645 lm	2725 lm
281030	F32T8/ADV841/EW/ALTO 28W 30PK	2645 lm	2725 lm
281055	F32T8/ADV850/EW/ALTO 28W 30PK	2595 lm	2675 lm

Order Code	Full Product Name	Design Mean Lumens	Luminous Flux (Nom)
282046	F32T8/ADV830/XEW/ALTO 25W 30PK	2425 lm	2500 lm
282095	F32T8/ADV835/XEW/ALTO 25W 30PK	2425 lm	2500 lm
280784	F32T8/ADV841/XEW/ALTO 25W 30PK	2425 lm	2500 lm
280792	F32T8/ADV850/XEW/ALTO 25W 30PK	2330 lm	2400 lm

