



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



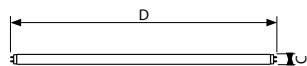
G13, T8

FA8, T8

Dimensional drawing

Product

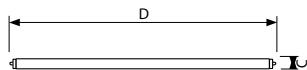
F32T8/ADV835/XEW/ALTO 25W 30PK



F32T8 25W/836 XEW ALTO ES

Product

F96T8/ADV850/XEW/ALTO 51W



F96T8 51W ADV850 XEW ALTO® ES

Approval and Application	
Energy Saving Product	Energy Saving
General Information	
Bulb Shape	T8

Approval and Application

Energy Advantage T8

order code	Mercury (Hg) Content (Nom)	Picogram Per Lumen Hour
281014	1.7	27
281022	1.7	27
281030	1.7	27
281055	1.7	27
282046	1.7	29
282095	1.7	29

order code	Mercury (Hg) Content (Nom)	Picogram Per Lumen Hour
280784	1.7	29
280792	1.7	30
163212	4.4	-
163311	4.4	-
164574	4.4	-

Operating and Electrical

order code	Power (Rated) (Nom)
281014	28
281022	28
281030	28
281055	28
282046	25
282095	25

order code	Power (Rated) (Nom)
280784	25
280792	25
163212	51
163311	51
164574	51

General Information

order code	Cap-Base	Life 12-Hr Start [Hrs]	Life 3-Hr Start [Hrs]	Life 12-Hr Instant Start [Hrs]	Life 12-Hr Programstart [Hrs]	Life 3-Hr Instant Start [Hrs]	Life 3-Hr Program Start [Hrs]
281014	G13	-	-	38000	44000	32000	38000
281022	G13	-	-	38000	44000	32000	38000
281030	G13	-	-	38000	44000	32000	38000
281055	G13	-	-	38000	44000	32000	38000
282046	G13	-	-	38000	44000	32000	38000
282095	G13	-	-	38000	44000	32000	38000
280784	G13	-	-	38000	44000	32000	38000
280792	G13	-	-	38000	44000	32000	38000
163212	FA8	30000	24000	-	-	-	-
163311	FA8	30000	24000	-	-	-	-
164574	FA8	30000	24000	-	-	-	-

Light Technical

order code	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Design Mean Lumens	Luminous Flux (Nom)
281014	Advantage 830	Advantage 830	3000	85	2645	2725
281022	Advantage 835	Advantage 835	3500	85	2645	2725
281030	Advantage 841	Advantage 841	4100	82	2645	2725
281055	Advantage 850	Advantage 850	5000	82	2595	2675
282046	Advantage 830	Advantage 830	3000	85	2425	2500
282095	Advantage 835	Advantage 835	3500	85	2425	2500
280784	Advantage 841	Advantage 841	4100	85	2425	2500
280792	Advantage 850	Advantage 850	5000	82	2330	2400
163212	-	Advantage 835	3500	82	5000	5300
163311	-	Advantage 841	4100	82	5000	5300
164574	-	Advantage 850	5000	82	4875	5150