Energy Saving T8 U-Bent Lamps

Philips Energy Advantage T8 25W U-Bent Lamps are environmentally responsible lamps, featuring energy savings and low mercury.

25W is the lowest wattage T8 U-Bent in the industry
- Save 7 watts per lamp instantly and up to 25% in system energy costs when compared to a 32W T8 U-Bent
- Save over $16.80 in energy costs over the rated average life of the lamp when compared to a 32W T8 U-Bent*

Sustainable lighting solution
- Reduces the impact on the environment—low mercury and energy efficient
- Only 3mg of mercury

Ideal for locations already using the linear Philips Energy Advantage 25W T8 lamp

Philips Energy Advantage T8 U-Bent warranty period: 36 months

* Based on 24,000 hour rated average life at $0.10 per kWh at 12 hours per start on an instant start ballast (7W x 24,000 hours / 1000 x $0.10 = $16.80).

† This lamp is better for the environment because of its reduced mercury content. All Philips ALTO® lamps give you end-of-life options which can simplify and reduce your lamp disposal costs depending on your state and local regulations.

* Fluorescent lamps that are TCLP compliant reduce the amount of pollutants released into the environment.
Ordering, Electrical and Technical Data (Subject to change without notice)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>20420-6</td>
<td>FB32T8/ADV830/6/XEW/ALTO 25 WATT</td>
<td>20</td>
<td>3000</td>
<td>22¼</td>
<td>24,000</td>
<td>30,000</td>
<td>2400</td>
<td>2330</td>
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<td>95%</td>
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<td>30,000</td>
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<td>30,000</td>
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<td>85</td>
<td>95%</td>
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</table>

1) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 12 operating hours. Lamp life is appreciably longer if lamps are started less frequently.

2) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life, when the output is measured during operation on a reference ballast under standard laboratory conditions.

3) Design lumens are the approximate lamp lumen output at 40% of the lamp's rated average life. This output is based upon measurements obtained during lamp operation on a reference ballast under standard laboratory conditions.

Rated Average Life
Philips Energy Advantage T8 25W U-Bent Lamps

<table>
<thead>
<tr>
<th>kWh rate</th>
<th>Watts Saved†</th>
<th>Savings over 24,000 hour Rated Average Life**</th>
<th>Savings over 30,000 hour Rated Average Life**</th>
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<tbody>
<tr>
<td>$0.06</td>
<td>7W</td>
<td>$10.08</td>
<td>$12.60</td>
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<tr>
<td>$0.08</td>
<td>7W</td>
<td>$13.44</td>
<td>$16.80</td>
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<tr>
<td>$0.10</td>
<td>7W</td>
<td>$16.80</td>
<td>$21.00</td>
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<tr>
<td>$0.12</td>
<td>7W</td>
<td>$20.16</td>
<td>$25.20</td>
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<td>$0.20</td>
<td>7W</td>
<td>$33.60</td>
<td>$42.00</td>
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</table>

† Compared to the Industry Standard T8 32W U-Bent Lamp.
** Based on wattage savings (7W) x rated average life (24000 hours) / 1000 x kWh rate.

Dollars Saved Over the Life of the Lamp
Philips Energy Advantage T8 25W U-Bent Lamp vs. the Industry Standard T8 32W U-Bent Lamp

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