Philips Energy Advantage T8 Value Line featuring ALTO II Technology

Ideal for applications requiring maximum maintained light output

T8 Collection

Energy savings, reformulated blend

Philips Energy Advantage T8 Value Line offers high energy savings in an environmentally responsible lamp, without sacrificing performance.

Energy Advantage with added value
• Save 7 watts per lamp instantly when replacing a standard T8 32W lamp with a Philips T8 25W lamp
• Save $26 in energy costs over the rated average life of the 25W XEW lamp1 when replacing a standard T8 32W lamp with the Philips Energy Advantage T8 25W XEW Value Line
• Operates on any Instant Start and Programmed Start Ballast1

Extended life
• Reduce maintenance costs by extending the relamping cycle
• Limited warranty period based on usage1

Better for the environment
• Reformulated phosphor blend
• Only 1.7mg of mercury with ALTO II Technology
• Reduced impact on the environment without sacrificing performance

(1, See back page for footnotes)

* The EPA’s TCLP test is used to determine if an item can be managed as hazardous or non-hazardous waste. Philips ALTO and ALTO II lamps are TCLP Compliant and can be managed as non-hazardous waste.
† 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. ALTO II Lamps have only 1.7mg of mercury.
Philips Energy Advantage T8 Value Line featuring ALTO II Technology

Ordering, Electrical and Technical Data

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>42418-4</td>
<td>F32T8/VEA835/XEW/ALTO 25W</td>
<td>25</td>
<td>30</td>
<td>3500</td>
<td>48</td>
<td>38,000</td>
<td>44,000</td>
<td>230</td>
<td>2230</td>
<td>82</td>
</tr>
<tr>
<td>42420-0</td>
<td>F32T8/VEA841/XEW/ALTO 25W</td>
<td>25</td>
<td>30</td>
<td>4100</td>
<td>48</td>
<td>38,000</td>
<td>44,000</td>
<td>230</td>
<td>2230</td>
<td>82</td>
</tr>
<tr>
<td>42422-6</td>
<td>F32T8/VEA850/XEW/ALTO 25W</td>
<td>25</td>
<td>30</td>
<td>5000</td>
<td>48</td>
<td>38,000</td>
<td>44,000</td>
<td>230</td>
<td>2230</td>
<td>82</td>
</tr>
<tr>
<td>42417-6</td>
<td>F32T8/VEA835/ALTO 2BW</td>
<td>28</td>
<td>30</td>
<td>3500</td>
<td>48</td>
<td>38,000</td>
<td>44,000</td>
<td>260</td>
<td>2520</td>
<td>82</td>
</tr>
<tr>
<td>42419-2</td>
<td>F32T8/VEA841/ALTO 2BW</td>
<td>28</td>
<td>30</td>
<td>4100</td>
<td>48</td>
<td>38,000</td>
<td>44,000</td>
<td>260</td>
<td>2520</td>
<td>82</td>
</tr>
<tr>
<td>42421-8</td>
<td>F32T8/VEA850/ALTO 2BW</td>
<td>28</td>
<td>30</td>
<td>5000</td>
<td>48</td>
<td>38,000</td>
<td>44,000</td>
<td>260</td>
<td>2520</td>
<td>82</td>
</tr>
</tbody>
</table>

1) Average life under engineering data with lamps turned off and restarted once every 12 operating hours.
2) Approximate initial lumen. 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. For expected lamp lumen output, commercial ballast manufacturers can advise the appropriate ballast factor for each of their ballasts when they are informed of the designated lamp. The ballast factor is a multiplier applied to the designated lamp lumen output.
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. Design lumens rated at 3 hours per start on instant start ballast.
4) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently.

Lamp meets US Federal Minimum Efficiency Standards.

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

Footnotes from front:

** Based on wattage savings (7W) x rated average life (38,000 hours) x kWh rate ($ .10).

1 Starting voltage should be equal to or greater than 550V. These lamps are not recommended for use where the temperature in fixture is below 70ºF. Striations may occur where air movement is present in fixture. For best operation, use ballast with anti-striation circuitry.

Rated Average Life

Philips Energy Advantage T8 Value Line

<table>
<thead>
<tr>
<th>Instant Start Ballast</th>
<th>Programmed Start Ballast</th>
</tr>
</thead>
<tbody>
<tr>
<td>BASED ON 3 HOURS PER START</td>
<td>BASED ON 12 HOURS PER START</td>
</tr>
<tr>
<td>32,000</td>
<td>38,000</td>
</tr>
<tr>
<td>38,000</td>
<td>44,000</td>
</tr>
</tbody>
</table>

97% Lumen Maintenance

Philips Energy Advantage T8 Value Line

© 2012 Philips Lighting Company, A Division of Philips Electronics North America Corporation. All rights reserved.
Printed in USA 6/12
P-6425
www.philips.com

Philips Lighting Company
200 Franklin Square Drive
Somerset, NJ 08873
1-800-555-0050

Philips Lighting
281 Hillmount Road
Markham, Ontario
Canada L6C 2S3
1-800-555-0050

A Division of Philips Electronics Ltd.