Philips 700 Series T8 Lamps featuring ALTO II Technology are ideal for industrial and commercial applications. They meet energy efficiency requirements with the lowest mercury content in the industry.

Outstanding lamp performance
• 95% lumen maintenance and reduced lamp-end blackening
• 89 lumens per watt
• Limited warranty period based on usage+

Better for the environment
• ALTO II Technology is TCLP Compliant*
• Only 1.7mg of mercury with ALTO II Technology
• Reduced impact on the environment without sacrificing performance
• ALTO II means 50% less mercury than the original ALTO T8 lamps†

(+, *, †, See footnotes on back page)
### Ordering, Electrical and Technical Data (Subject to change without notice)

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Ordering Code</th>
<th>Watts</th>
<th>Pack Qty</th>
<th>Color Temp (Kelvin)</th>
<th>Nom Length (in)</th>
<th>12-hr on Instant Start</th>
<th>12-hr on Prog Start</th>
<th>Approx Initial Lumen²</th>
<th>Design Lumen³</th>
<th>CRI</th>
<th>Lumen Maint</th>
</tr>
</thead>
<tbody>
<tr>
<td>45366-2</td>
<td>F32T8/HL730/ALTO</td>
<td>32</td>
<td>30</td>
<td>3000</td>
<td>48</td>
<td>30000</td>
<td>36000</td>
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<td>2710</td>
<td>78</td>
<td>95%</td>
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</tbody>
</table>

1. Average life under engineering data with lamps turned off and restarted once every 12 operating hours.
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. 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.
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.

† 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. ALTO II lamps have only 1.7mg of mercury.

### 95% Lumen Maintenance

**Philips 700 Series T8 Lamps**

![Graph showing 95% Lumen Maintenance](https://via.placeholder.com/150)

### Rated Average Life

**Philips 700 Series T8 Lamps**

- **Instant Start Ballast**
- **Programmed Start Ballast**

![Graph showing Rated Average Life](https://via.placeholder.com/150)