Philips T5 Fluorescent Lamps featuring ALTO® Lamp Technology

Ideal for general, decorative and architectural lighting in offices, retail stores, hotels, schools and hospitals

T5 Lamps

Powerful, environmentally-responsible ultra-slim lamps

Philips T5 Fluorescent Lamps featuring ALTO® Lamp Technology offer increased energy savings and low toxicity in a slim profile.

**Sustainable lighting solution**
- Less mercury combined with energy efficiency and long life reduces the impact on the environment
- Our green end-caps mean you are using ALTO® environmentally-responsible lamps
- Just 1.4mg of mercury

**Miniaturization**
- Slim profile lamp and ballast

**Operated on programmed start electronic ballasts only**

Philips T5 warranty period: 36 months
Philips T5 Fluorescent Lamps featuring ALTO® Lamp Technology

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>Bulb</th>
<th>Base</th>
<th>Pkg. Qty</th>
<th>Color Temp (K)</th>
<th>CRI</th>
<th>Nom. Length (In.)</th>
<th>Rated Avg. Life (Hrs.)</th>
<th>Approx. Initial Lumens</th>
<th>Design Lumens</th>
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1) 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.
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) 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.
4) 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.
5) Average life under engineering data with lamps turned off and restarted once every 12 operating hours.

Lumens vs. Ambient Temperature

Energy Lumen Maintenance

Rated Average Life

Programmed Start Ballast

BASED ON 3 HOURS PER START

25,000

BASED ON 12 HOURS PER START

35,000

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