

# Energy savings, compact size



## PHILIPS ENERGY ADVANTAGE PL-C 4-PIN LAMPS



**Philips Energy Advantage PL-C 4-Pin Lamps** offer significant energy savings in a compact size.

### Sustainable lighting solution

- TCLP compliant\* with only 1.4 mg of mercury per lamp—the lowest mercury content in a PL-C lamp in the industry
- Energy saving system without changing a ballast
  - 14W is a direct replacement for a PL-C 18W lamp—saving 4 watts of energy
  - 21W is a direct replacement for a PL-C 26W lamp—saving 5 watts of energy
- Up to 22% energy savings when replacing the above 18W and 26W lamps<sup>‡</sup>

### Broad range of color temperatures

- Available in 2700K, 3500K and 4100K

### High light output in a compact size

- 88% lumen maintenance

### Excellent color rendering of 82 CRI

(†, \*, ‡ See back page for footnotes)

# PHILIPS

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## Ordering, Electrical and Technical Data (Subject to change without notice)

Product No.	Ordering Code	Nom. Watts	Base	Pack. Qty.	Color Temp. (K)	MOL (In.)	Rated Avg. Life (Hrs.) <sup>1</sup>		Approx. Initial Lumens <sup>4</sup>	Design Lumens <sup>5</sup>	CRI	Lumen Maint.
							3-hr Start <sup>2</sup>	12-hr Start <sup>3</sup>				
● 22040-0	PL-C 18W/835/XEW/4P/ALTO 14W	14	G24q-2	10	3500	5 <sup>11</sup> / <sub>16</sub>	12,000	16,000	1100	1010	82	88%
● 22041-8	PL-C 18W/841/XEW/4P/ALTO 14W	14	G24q-2	10	4100	5 <sup>11</sup> / <sub>16</sub>	12,000	16,000	1100	1010	82	88%
● 22042-6	PL-C 26W/827/XEW/4P/ALTO 21W	21	G24q-3	10	2700	6 <sup>1</sup> / <sub>2</sub>	12,000	16,000	1525	1400	82	88%
● 22047-5	PL-C 26W/835/XEW/4P/ALTO 21W	21	G24q-3	10	3500	6 <sup>1</sup> / <sub>2</sub>	12,000	16,000	1525	1400	82	88%
● 22048-3	PL-C 26W/841/XEW/4P/ALTO 21W	21	G24q-3	10	4100	6 <sup>1</sup> / <sub>2</sub>	12,000	16,000	1525	1400	82	88%

1. Rated average life is the length of operation (in hours) at which point an average of 50% of a large sample of lamps will still be operational and 50% will not.
2. 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.
3. Average life under engineering data with lamps turned off and restarted once every 12 operating hours.
4. 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.
5. 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.

● 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.

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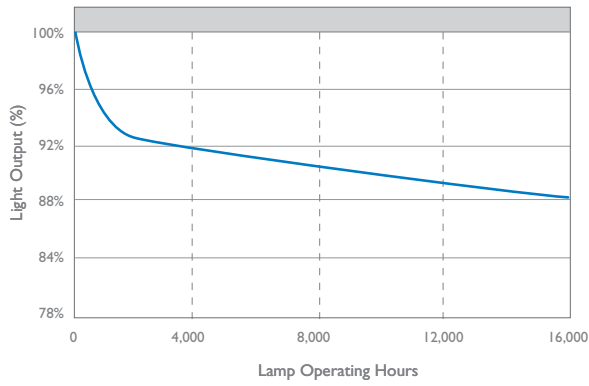
\* Fluorescent lamps that are TCLP compliant reduce the amount of pollutants released into the environment.

¥ 18 watt-14 watt=4 watt/18 watt=22%  
26 watt-21 watt=5 watt/26 watt=19%

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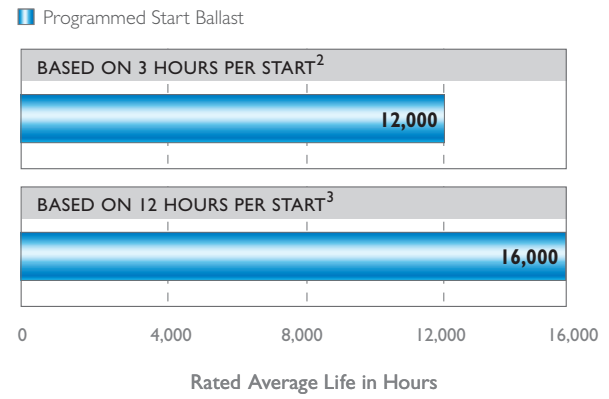
## 88% Lumen Maintenance

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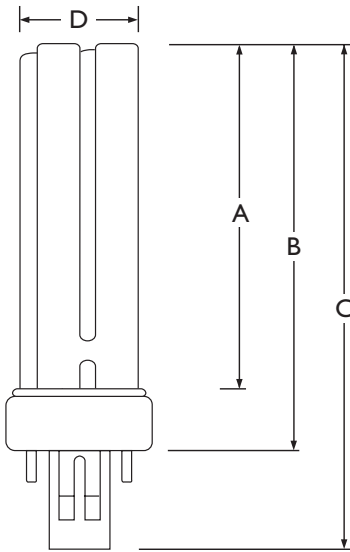


## Rated Average Life

Philips Energy Advantage PL-C 4-Pin Lamps



## Dimensions



	14W	21W
A	3.9"/99mm	5.2"/132mm
B	4.6"/117mm	5.9"/150mm
C	5.2"/132mm	6.5"/165mm
D	1.1"/28mm	1.1"/28mm

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