

Philips Energy Advantage  
PL-C Lamps featuring  
ALTO® Lamp Technology

*Ideal for applications  
requiring maximum  
energy savings*

ENERGY ADVANTAGE PL-C



† 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.

## Energy savings, compact size

Philips Energy Advantage PL-C lamps offer significant energy savings in a compact size.

### Save energy without changing a ballast

- Two wattages available—14W and 21W
  - 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\*
- No new ballast required

### Broad range of color temperatures

- Available in 2700K, 3500K and 4100K

### High light output in a compact size

- 88% lumen maintenance

### Excellent color rendering

- 82 CRI

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

**PHILIPS**  
sense and simplicity

# Philips Energy Advantage PL-C Lamps featuring ALTO® Lamp Technology

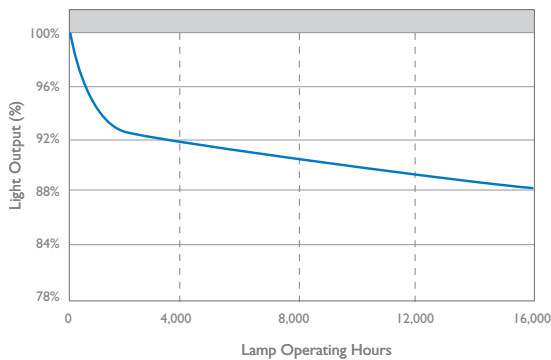
## Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Code	Nom. Watts	Base	Pack. Qty.	Color Temp. (Kelvin)	MOL (In.)	Rated Average 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>				
22034-3	PL-C 18W/827/XEW/4P/ALTO 14W	14	G24q-2	10	2700K	5 <sup>1</sup> / <sub>16</sub>	12,000	16,000	1100	1010	82	88%
22040-0	PL-C 18W/835/XEW/4P/ALTO 14W	14	G24q-2	10	3500K	5 <sup>1</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	4100K	5 <sup>1</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	2700K	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	3500K	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	4100K	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.

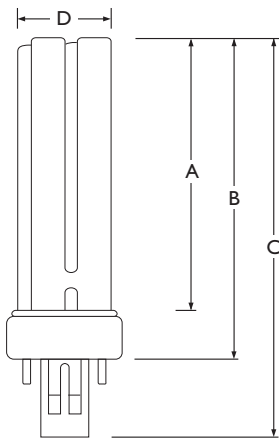
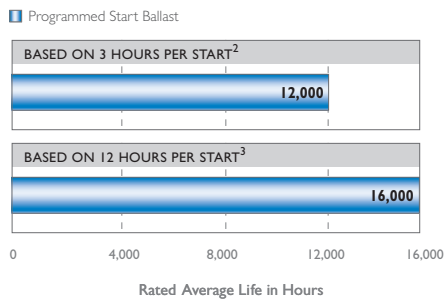
### 88% Lumen Maintenance

#### Philips Energy Advantage PL-C Lamps



### Rated Average Life

#### Philips Energy Advantage PL-C 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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