

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

*Ideal for applications
requiring maximum
energy savings*

Energy Advantage



† 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.

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



Energy savings, compact size

Philips Energy Advantage PL-C 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†

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

† 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

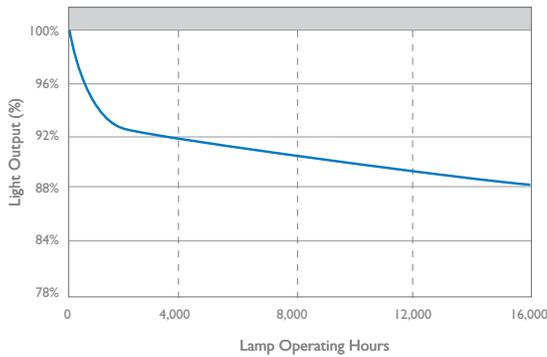
Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Code	Nom. Watts	Base	Pack. Qty.	Color Temp. (Kelvin)	MOL (In.)	Rated Average Life (Hrs.) ¹		Approx. Initial Lumens ⁴	Design Lumens ⁵	CRI	Lumen Maint.
							3-hr Start ²	12-hr Start ³				
22034-3	PL-C 18W/827/XEW/4P/ALTO 14W	14	G24q-2	10	2700	5 ¹ / ₁₆	12,000	16,000	1100	1010	82	88%
22040-0	PL-C 18W/835/XEW/4P/ALTO 14W	14	G24q-2	10	3500	5 ¹ / ₁₆	12,000	16,000	1100	1010	82	88%
22041-8	PL-C 18W/841/XEW/4P/ALTO 14W	14	G24q-2	10	4100	5 ¹ / ₁₆	12,000	16,000	1100	1010	82	88%
22042-6	PL-C 26W/827/XEW/4P/ALTO 21W	21	G24q-3	10	2700	6 ¹ / ₂	12,000	16,000	1525	1400	82	88%
22047-5	PL-C 26W/835/XEW/4P/ALTO 21W	21	G24q-3	10	3500	6 ¹ / ₂	12,000	16,000	1525	1400	82	88%
22048-3	PL-C 26W/841/XEW/4P/ALTO 21W	21	G24q-3	10	4100	6 ¹ / ₂	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

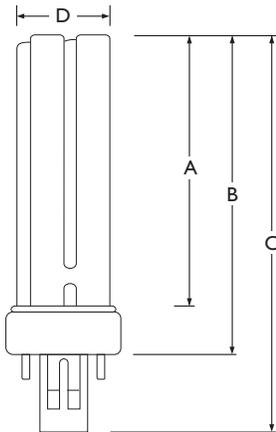
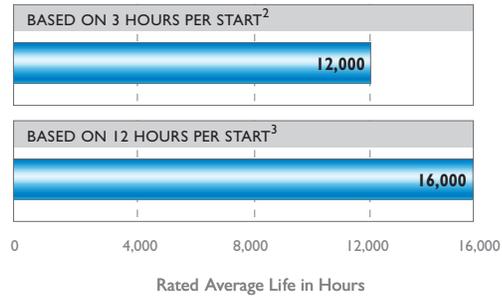
Philips Energy Advantage PL-C Lamps



Rated Average Life

Philips Energy Advantage PL-C Lamps

■ Programmed Start Ballast



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



© 2009 Philips Lighting Company. All rights reserved.
 Printed in USA 2/09
 P-5974-A
www.philips.com

Philips Lighting Company
 200 Franklin Square Drive
 P.O. Box 6800
 Somerset, NJ 08875-6800
 1-800-555-0050
 A Division of Philips Electronics North America Corporation

Philips Lighting
 281 Hillmount Road
 Markham, Ontario
 Canada L6C 2S3
 1-800-555-0050
 A Division of Philips Electronics Ltd.