

Philips PL-S 2-Pin Compact Fluorescent Lamps

featuring ALTO® Lamp Technology

The Original Compact Fluorescent Lamp



They are ideal for recessed and surface mounted downlights, task lighting, corridor, security and general lighting

▶ High Lamp Efficacy

Lower energy costs

▶ 10,000 Hour Rated Average Life¹

▶ Trichromatic Phosphors

Provide high quality of light

▶ Designed for Use with Magnetic Ballasts

Integral starter cuts installation wiring costs and permits use of small choke ballasts

▶ Offered in 2700K, 3000K, 3500K, 4100K & 5000K, with 82 CRI

Choice of warm, neutral or cool tones to evoke a mood or enhance the desired ambiance

▶ Integral Starter in Base

Enables use of small choke ballasts for attractive, compact luminaires and incandescent retrofit applications

▶ ALTO® Lamp Technology

Passes EPA's TCLP² test for non-hazardous waste

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) The TCLP is the US EPA's Toxicity Characteristic Leaching Procedure.

† This product utilizes ALTO® Lamp Technology. ALTO products pass the U.S. EPA's Toxicity Characteristic Leaching Procedure (TCLP) and can be classified as non-hazardous waste. Check with state and local regulations regarding disposal.



PHILIPS

Philips PL-S 2-Pin Compact Fluorescent Lamps featuring ALTO® Lamp Technology

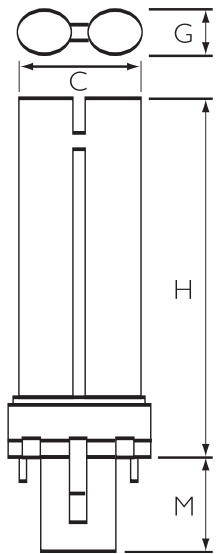
Electrical, Technical and Ordering Data (Subject to change without notice)

Old Product Number	New Product Number	Ordering Code	Watts	Bulb	Base	Generic Description	Pkg. Qty.	Color Temp. (Kelvin)	MOL (In.)	Rated Avg. Life (Hrs.) ¹	Approx. Initial Lumens ²	Design Lumens ³	CRI
33233-8	14671-2	PL-S 5W/827/2P/ALTO	5	PL-S	G23	CFT5W/G23/827	10	2700	4½	10,000	250	210	82
NEW!	14868-4	PL-S 5W/841/2P/ALTO	5	PL-S	G23	CFT5W/G23/841	10	4100	4½	10,000	250	210	82
34256-8	14871-8	PL-S 7W/827/2P/ALTO	7	PL-S	G23	CFT7W/G23/827	10	2700	5½	10,000	400	360	82
32780-9	14872-6	PL-S 7W/835/2P/ALTO	7	PL-S	G23	CFT7W/G23/835	10	3500	5½	10,000	400	360	82
33869-9	14873-4	PL-S 7W/841/2P/ALTO	7	PL-S	G23	CFT7W/G23/841	10	4100	5½	10,000	400	360	82
33384-9	14874-2	PL-S 7W/850/2P/ALTO	7	PL-S	G23	CFT7W/G23/850	10	5000	5½	10,000	380	340	82
34257-6	14867-6	PL-S 9W/827/2P/ALTO	9	PL-S	G23	CFT9W/G23/827	10	2700	6½	10,000	600	540	82
32786-6	14869-2	PL-S 9W/835/2P/ALTO	9	PL-S	G23	CFT9W/G23/835	10	3500	6½	10,000	600	540	82
33870-7	14870-0	PL-S 9W/841/2P/ALTO	9	PL-S	G23	CFT9W/G23/841	10	4100	6½	10,000	600	540	82
33385-6	14680-3	PL-S 9W/850/2P/ALTO	9	PL-S	G23	CFT9W/G23/850	10	5000	6½	10,000	570	510	82
26219-6	14681-1	PL-S 13W/827/2P/ALTO	13	PL-S	GX23	CFT13W/GX23/827	10	2700	7¼	10,000	825	740	82
26212-1	14682-9	PL-S 13W/827/2P/ALTO BULK	13	PL-S	GX23	CFT13W/GX23/827	50	2700	7¼	10,000	825	740	82
26202-2	14683-7	PL-S 13W/830/2P/ALTO	13	PL-S	GX23	CFT13W/GX23/830	10	3000	7¼	10,000	825	740	82
26214-7	14684-5	PL-S 13W/835/2P/ALTO	13	PL-S	GX23	CFT13W/GX23/835	10	3500	7¼	10,000	825	740	82
26213-9	14685-2	PL-S 13W/841/2P/ALTO	13	PL-S	GX23	CFT13W/GX23/841	10	4100	7¼	10,000	825	740	82
26229-5	14686-0	PL-S 13W/841/2P/ALTO BULK	13	PL-S	GX23	CFT13W/GX23/841	50	4100	7¼	10,000	825	740	82
26216-2	14687-8	PL-S 13W/850/2P/ALTO	13	PL-S	GX23	CFT13W/GX23/850	10	5000	7¼	10,000	800	720	82
14308-1	14688-6	PL-S 13W/850/2P/ALTO BULK	13	PL-S	GX23	CFT13W/GX23/850	50	5000	7¼	10,000	800	720	82

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) 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.



PL-S Lamp Dimensions: Inches (mm)				
	5W	7W	9W	13W
C	1.1 (28)	1.1 (28)	1.1 (28)	1.1 (28)
G	0.6 (13)	0.6 (13)	0.6 (13)	0.6 (13)
H	3.3 (83)	4.5 (113)	5.7 (145)	6.2 (156)
M	0.9 (23)	0.9 (23)	0.9 (23)	0.9 (23)

PL-S 2-Pin Lamp Specification	
Lamps shall be Philips PL-S 2 Pin lamps having:	
•	Color rendering index of 82
•	_____ base (G23 or GX23)
•	Color temperature of _____ (2700K, 3000K, 3500K, 4100K, 5000K)
•	Nominal Wattage _____ (5, 7, 9, 13)
•	Tubes connected by bridge weld for optimal thermal characteristics

