

PL-H™ Compact Fluorescent Lamps Featuring ALTO® Lamp Technology

Heightened Possibilities with Compact Fluorescent Lighting



Ideal for indoor and outdoor general and decorative lighting in medium and high bay environments



► High Lumen Output

4000, 6000, 9000 lumens

► Amalgam Technology

Maximum light output over a wide operating temperature range

► Long Life and High Lumen Maintenance

- 20,000 hours rated average life
- 86% lumen maintenance at 5000 hours

► Application Versatility

- Multiple operating positions
- Multi-voltage, multi-wattage high frequency ballast
- 90 °C ballast case temperature rating

► Applications Include:

- Medium to high bay industrial and retail
- Canopy lighting
- Flood lighting
- Parking garages
- Gymnasiums
- Indirect wall washing
- Downlighting
- Outdoor architectural
- Post tops



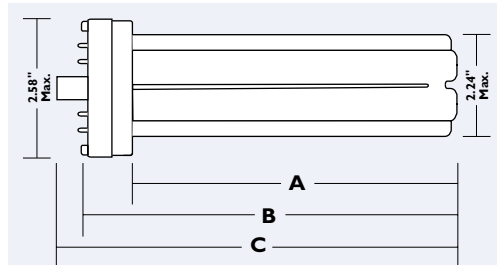
PHILIPS

ALTO® PL-H™ Compact Fluorescent Lamps

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

Product Number	Ordering Code	Nominal Watts	Lamp Base	Standard Package Qty.	Lamp Current (mA)	Volts	Approx. Initial Lumens ¹	Design Lumens ²	Max. Overall Length (In.)	Average Rated Life (Hrs.) ³	Color Temp. (Kelvin)	Color Rendering Index (CRI)
830												
13368-6	PL-H 60W/830/4P	60	2G8-1	10	800	80	4000	3440	7 1/4	20,000	3000K	82
13370-2	PL-H 85W/830/4P	85	2G8-1	10	800	110	6000	5160	8 3/2	20,000	3000K	82
13372-8	PL-H 120W/830/4P	120	2G8-1	10	800	153	9000	7740	11 1/6	20,000	3000K	82
841												
13369-4	PL-H 60W/841/4P	60	2G8-1	10	800	80	4000	3440	7 1/4	20,000	4100K	82
13371-0	PL-H 85W/841/4P	85	2G8-1	10	800	110	6000	5160	8 3/2	20,000	4100K	82
13373-6	PL-H 120W/841/4P	120	2G8-1	10	800	153	9000	7740	11 1/6	20,000	4100K	82

- 1) 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.
- 2) 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.
- 3) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 12 operating hours. Life is 18,000 hours at 3 hours per start.



Maximum Lamp Dimensions

Type	A Max.	B Max.	C Max.
Cap/Base 2G8			
60W	5.55"	6.57"	7.17"
85W	7.17"	8.19"	8.78"
120W	10.20"	11.22"	11.81"

Advance Transformer

Ballast Type	For Lamp	System Wattage (W)	Lumen Output (Lumens)
ICF-1H120-M4-LD	1 x 60W PL-H	70	4000
	2 x 60W PL-H	137	8000
ICF1H120-M4-BS	1 x 85W PL-H	98	6000
	1 x 120W PL-H	137	9000

