



# High light output in a compact size

## PL-L Long 4-Pin Base

Philips Linear Compact Fluorescent Lamps offer designers, specifiers and end-users new levels of efficiencies and versatility in sizes, configurations and application possibilities. With so many elegant fixtures available to complement their small size, high light output and advanced technology, Philips Energy Advantage lamps are fast becoming the preferred choice when maximum efficiency and sleek design solutions are required.

### Benefits

- PL-L offers long life in a sleek profile.
- Available in a broad range of color temperatures.
- 24 month warranty

### Features

- Available in multiple sizes
- For use on Rapid Start, Instant Start (40W), Electronic and dimming circuits
- Light output comparable to a 32W 4' fluorescent
- 90% lumen maintenance
- 82 CRI or higher
- Available in 18, 24, 36, 40, 50, 55, and 80 watts with 3000, 3500, 4100, 5000 color temperatures (5000K color temperature is only available in 55W)
- Just 1.4mg of mercury

### Application

- perfect for 2' x 2' fixtures in office and healthcare facilities.

# PL-L Long 4-Pin Base

## Versions



18W, 2G11, 4P



24W, 2G11, 4P

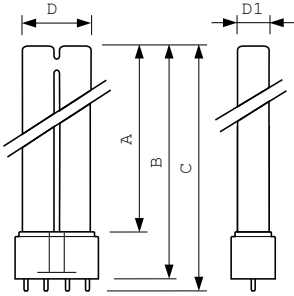


36W, 2G11, 4P

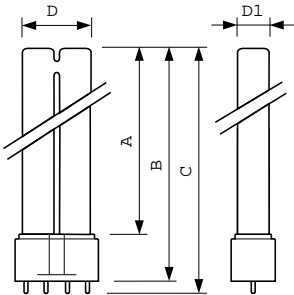


2G11, 4P

## Dimensional drawing



Product	D (max)	D1 (max)	C (max)
PL-L 18W/830/4P	39.0 mm	18.0 mm	226.6 mm
PL-L 18W/841/4P	39.0 mm	18.0 mm	226.6 mm
PL-L 18W/835/4P	39.0 mm	18.0 mm	226.6 mm
PL-L 24W/830/4P	39.0 mm	18.0 mm	321.6 mm
PL-L 24W/841/4P	39.0 mm	18.0 mm	321.6 mm
PL-L 24W/835/4P	39.0 mm	18.0 mm	321.6 mm
PL-L 36W/830/4P	39.0 mm	18.0 mm	416.6 mm
PL-L 36W/841/4P	39.0 mm	18.0 mm	416.6 mm
PL-L 36W/835/4P	39.0 mm	18.0 mm	416.6 mm



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
PL-L 40W/830/4P/RS/IS	39.0 mm	18.0 mm	539.2 mm	565 mm	571.6 mm
PL-L 40W/841/4P/RS/IS	39 mm	18 mm	540 mm	565 mm	571.6 mm
PL-L 40W/835/4P/RS/IS	39.0 mm	18.0 mm	540 mm	565 mm	571.6 mm
PL-L 50W/841/4P/RS	39.0 mm	18.0 mm	539.2 mm	565 mm	571.6 mm
PL-L 50W/835/4P/RS	39.0 mm	18.0 mm	539.2 mm	565 mm	571.6 mm

### Controls and Dimming

Dimmable Yes

### General Information

Cap-Base 2G11

## Operating and Electrical

## PL-L Long 4-Pin Base

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927903108321	PL-L 18W/830/4P	0.375 A	58 V	18.0 W
927903108421	PL-L 18W/841/4P	0.375 A	58 V	18.0 W
927903183521	PL-L 18W/835/4P	0.375 A	58 V	18.0 W
927903308321	PL-L 24W/830/4P	0.345 A	87 V	24.0 W
927903308421	PL-L 24W/841/4P	0.345 A	87 V	24.0 W
927903383521	PL-L 24W/835/4P	0.345 A	87 V	24.0 W
927904508321	PL-L 36W/830/4P	0.435 A	106 V	36.0 W
927904508421	PL-L 36W/841/4P	0.435 A	106 V	36.0 W
927904583521	PL-L 36W/835/4P	0.435 A	106 V	36.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927908008329	PL-L 40W/ 830/4P/RS/IS	0.320 A	126 V	36.3 W
927908008429	PL-L 40W/ 841/4P/RS/IS	0.320 A	126 V	36.3 W
927908083529	PL-L 40W/ 835/4P/RS/IS	0.320 A	126 V	40 W
927908508427	PL-L 50W/841/4P/RS	0.430 A	150 V	50.0 W
927908583527	PL-L 50W/835/4P/RS	0.430 A	150 V	50 W

### General Information

Order Code	Full Product Name	Life To 50%		
		Failures Preheat (Nom)	Life To 50% Failures (Nom)	System Description
927903108321	PL-L 18W/830/4P	20000 h	15000 h	-
927903108421	PL-L 18W/841/4P	20000 h	15000 h	-
927903183521	PL-L 18W/835/4P	20000 h	15000 h	-
927903308321	PL-L 24W/830/4P	20000 h	15000 h	-
927903308421	PL-L 24W/841/4P	20000 h	15000 h	-
927903383521	PL-L 24W/835/4P	20000 h	15000 h	-
927904508321	PL-L 36W/830/4P	20000 h	15000 h	-
927904508421	PL-L 36W/841/4P	20000 h	15000 h	-
927904583521	PL-L 36W/835/4P	20000 h	15000 h	-

Order Code	Full Product Name	Life To 50%		
		Failures Preheat (Nom)	Life To 50% Failures (Nom)	System Description
927908008329	PL-L 40W/ 830/4P/RS/IS	-	10000 h	Rapid Start
927908008429	PL-L 40W/ 841/4P/RS/IS	-	10000 h	Rapid Start
927908083529	PL-L 40W/ 835/4P/RS/IS	-	10000 h	Rapid Start
927908508427	PL-L 50W/841/4P/RS	-	10000 h	Rapid Start
927908583527	PL-L 50W/ 835/4P/RS	-	10000 h	Rapid Start

### Light Technical (1/2)

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color			
					Rendering Index (Nom)	Lumen Maintenance 10000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)
927903108321	PL-L 18W/830/4P	830	Warm White (WW)	3000 K	>80	92 %	94 %	93 %
927903108421	PL-L 18W/841/4P	840	Cool White (CW)	4100 K	82	92 %	94 %	93 %
927903183521	PL-L 18W/835/4P	835	White (WH)	3500 K	82	92 %	94 %	93 %
927903308321	PL-L 24W/830/4P	830	Warm White (WW)	3000 K	>80	92 %	94 %	93 %
927903308421	PL-L 24W/841/4P	840	Cool White (CW)	4100 K	82	92 %	94 %	93 %
927903383521	PL-L 24W/835/4P	835	White (WH)	3500 K	82	92 %	94 %	93 %
927904508321	PL-L 36W/830/4P	830	Warm White (WW)	3000 K	>80	91 %	94 %	93 %
927904508421	PL-L 36W/841/4P	840	Cool White (CW)	4100 K	82	92 %	94 %	93 %
927904583521	PL-L 36W/835/4P	835	White (WH)	3500 K	82	92 %	94 %	93 %
927908008329	PL-L 40W/830/4P/RS/IS	830	Warm White (WW)	3000 K	82	91 %	94 %	92 %
927908008429	PL-L 40W/841/4P/RS/IS	841	Cool White (CW)	4100 K	82	91 %	94 %	92 %
927908083529	PL-L 40W/835/4P/RS/IS	835	White (WH)	3500 K	82	0 %	90 %	92 %
927908508427	PL-L 50W/841/4P/RS	841	Cool White (CW)	4100 K	82	91 %	94 %	91 %
927908583527	PL-L 50W/835/4P/RS	835	White (WH)	3500 K	82	91 %	94 %	92 %

### Light Technical (2/2)

## PL-L Long 4-Pin Base

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
927903108321	PL-L 18W/830/4P	67 lm/W	1200 lm
927903108421	PL-L 18W/841/4P	67 lm/W	1200 lm
927903183521	PL-L 18W/835/4P	67 lm/W	1200 lm
927903308321	PL-L 24W/830/4P	75 lm/W	1800 lm
927903308421	PL-L 24W/841/4P	75 lm/W	1800 lm
927903383521	PL-L 24W/835/4P	75 lm/W	1800 lm
927904508321	PL-L 36W/830/4P	80 lm/W	2900 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
927904508421	PL-L 36W/841/4P	80 lm/W	2900 lm
927904583521	PL-L 36W/835/4P	80 lm/W	2900 lm
927908008329	PL-L 40W/830/4P/RS/IS	87 lm/W	3500 lm
927908008429	PL-L 40W/841/4P/RS/IS	87 lm/W	3500 lm
927908083529	PL-L 40W/835/4P/RS/IS	87 lm/W	3500 lm
927908508427	PL-L 50W/841/4P/RS	80 lm/W	4000 lm
927908583527	PL-L 50W/835/4P/RS	80 lm/W	4000 lm

### Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
927903108321	PL-L 18W/830/4P	Silicon
927903108421	PL-L 18W/841/4P	Silicon
927903183521	PL-L 18W/835/4P	Silicon
927903308321	PL-L 24W/830/4P	Silicon
927903308421	PL-L 24W/841/4P	Silicon
927903383521	PL-L 24W/835/4P	Silicon
927904508321	PL-L 36W/830/4P	Silicon

Order Code	Full Product Name	Bulb Finish
927904508421	PL-L 36W/841/4P	Silicon
927904583521	PL-L 36W/835/4P	Silicon
927908008329	PL-L 40W/830/4P/RS/IS	-
927908008429	PL-L 40W/841/4P/RS/IS	-
927908083529	PL-L 40W/835/4P/RS/IS	-
927908508427	PL-L 50W/841/4P/RS	-
927908583527	PL-L 50W/835/4P/RS	-

