



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.

Warnings and Safety

- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

PL-L Long 4-Pin Base

Versions



18W, 2G11, 4P



24W, 2G11, 4P

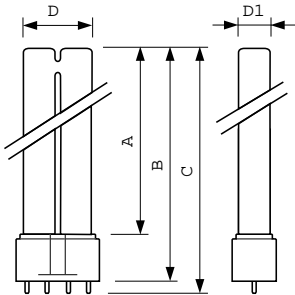
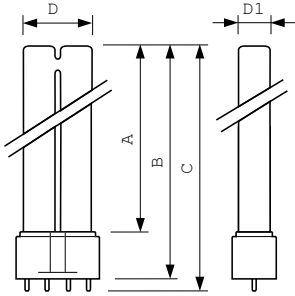


36W, 2G11, 4P



2G11, 4P

Dimensional drawing



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

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

Controls and Dimming

Dimmable Yes

General Information

Cap-Base 2G11

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
345009	PL-L 18W/830/4P	0.375 A	58 V	18.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
345017	PL-L 18W/841/4P	0.375 A	58 V	18.0 W

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Order Code	Full Product Name	Lamp Current		Power (Rated)
		(Nom)	Voltage (Nom)	(Nom)
359323	PL-L 18W/835/4P	0.375 A	58 V	18.0 W
345058	PL-L 24W/830/4P	0.345 A	87 V	24.0 W
345082	PL-L 24W/841/4P	0.345 A	87 V	24.0 W
359331	PL-L 24W/835/4P	0.345 A	87 V	24.0 W
345116	PL-L 36W/830/4P	0.435 A	106 V	36.0 W
345132	PL-L 36W/841/4P	0.435 A	106 V	36.0 W

Order Code	Full Product Name	Lamp Current		Power (Rated)
		(Nom)	Voltage (Nom)	(Nom)
349423	PL-L 36W/835/4P	0.435 A	106 V	36.0 W
300426	PL-L 40W/830/4P/RS/IS	0.320 A	126 V	36.3 W
300442	PL-L 40W/841/4P/RS/IS	0.320 A	126 V	36.3 W
300434	PL-L 40W/835/4P/RS/IS	0.320 A	126 V	40 W
347708	PL-L 50W/841/4P/RS	0.430 A	150 V	50.0 W
347534	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
345009	PL-L 18W/830/4P	20000 h	15000 h	-
345017	PL-L 18W/841/4P	20000 h	15000 h	-
359323	PL-L 18W/835/4P	20000 h	15000 h	-
345058	PL-L 24W/830/4P	20000 h	15000 h	-
345082	PL-L 24W/841/4P	20000 h	15000 h	-
359331	PL-L 24W/835/4P	20000 h	15000 h	-
345116	PL-L 36W/830/4P	20000 h	15000 h	-
345132	PL-L 36W/841/4P	20000 h	15000 h	-
349423	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
300426	PL-L 40W/830/4P/RS/IS	-	10000 h	Rapid Start (RS)
300442	PL-L 40W/841/4P/RS/IS	-	10000 h	Rapid Start (RS)
300434	PL-L 40W/835/4P/RS/IS	-	10000 h	Rapid Start (RS)
347708	PL-L 50W/841/4P/RS	-	10000 h	Rapid Start (RS)
347534	PL-L 50W/835/4P/RS	-	10000 h	Rapid Start (RS)

Light Technical (1/2)

Order Code	Full Product Name	Color		Correlated Color Temperature (Nom)	Color Rendering			
		Code	Color Designation		Index (Nom)	Lumen Maintenance 10000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)
345009	PL-L 18W/830/4P	830	Warm White (WW)	3000 K	>80	92 %	94 %	93 %
345017	PL-L 18W/841/4P	841	Cool White (CW)	4100 K	82	92 %	94 %	93 %
359323	PL-L 18W/835/4P	835	White (WH)	3500 K	82	92 %	94 %	93 %
345058	PL-L 24W/830/4P	830	Warm White (WW)	3000 K	>80	92 %	94 %	93 %
345082	PL-L 24W/841/4P	841	Cool White (CW)	4100 K	82	92 %	94 %	93 %
359331	PL-L 24W/835/4P	835	White (WH)	3500 K	82	92 %	94 %	93 %
345116	PL-L 36W/830/4P	830	Warm White (WW)	3000 K	>80	91 %	94 %	93 %
345132	PL-L 36W/841/4P	841	Cool White (CW)	4100 K	82	92 %	94 %	93 %
349423	PL-L 36W/835/4P	835	White (WH)	3500 K	82	92 %	94 %	93 %
300426	PL-L 40W/830/4P/RS/IS	830	Warm White (WW)	3000 K	82	91 %	94 %	92 %
300442	PL-L 40W/841/4P/RS/IS	841	Cool White (CW)	4100 K	82	91 %	94 %	92 %
300434	PL-L 40W/835/4P/RS/IS	835	White (WH)	3500 K	82	0 %	90 %	92 %
347708	PL-L 50W/841/4P/RS	841	Cool White (CW)	4100 K	82	91 %	94 %	91 %
347534	PL-L 50W/835/4P/RS	835	White (WH)	3500 K	82	91 %	94 %	92 %

Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
345009	PL-L 18W/830/4P	67 lm/W	1200 lm
345017	PL-L 18W/841/4P	67 lm/W	1200 lm
359323	PL-L 18W/835/4P	67 lm/W	1200 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
345058	PL-L 24W/830/4P	75 lm/W	1800 lm
345082	PL-L 24W/841/4P	75 lm/W	1800 lm
359331	PL-L 24W/835/4P	75 lm/W	1800 lm

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Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
345116	PL-L 36W/830/4P	80 lm/W	2900 lm
345132	PL-L 36W/841/4P	80 lm/W	2900 lm
349423	PL-L 36W/835/4P	80 lm/W	2900 lm
300426	PL-L 40W/830/4P/RS/IS	87 lm/W	3500 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
300442	PL-L 40W/841/4P/RS/IS	87 lm/W	3500 lm
300434	PL-L 40W/835/4P/RS/IS	87 lm/W	3500 lm
347708	PL-L 50W/841/4P/RS	80 lm/W	4000 lm
347534	PL-L 50W/835/4P/RS	80 lm/W	4000 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
345009	PL-L 18W/830/4P	Silicon
345017	PL-L 18W/841/4P	Silicon
359323	PL-L 18W/835/4P	Silicon
345058	PL-L 24W/830/4P	Silicon
345082	PL-L 24W/841/4P	Silicon
359331	PL-L 24W/835/4P	Silicon
345116	PL-L 36W/830/4P	Silicon

Order Code	Full Product Name	Bulb Finish
345132	PL-L 36W/841/4P	Silicon
349423	PL-L 36W/835/4P	Silicon
300426	PL-L 40W/830/4P/RS/IS	-
300442	PL-L 40W/841/4P/RS/IS	-
300434	PL-L 40W/835/4P/RS/IS	-
347708	PL-L 50W/841/4P/RS	-
347534	PL-L 50W/835/4P/RS	-

