PHILIPS

LED

InstantFit PL lamps

This is **real compatibility**

Philips InstantFit LED lamps make the transition to LED from CFL lamps as simple as replacing a lamp. With both vertical and horizontal options and a wide array of color temperatures, the InstantFit LED lamps can quickly and effectively replace compact fluorescent lamps. The horizontal version includes a rotatable end cap to ensure the light is correctly aimed.

Benefits

- **Proven over 40% energy savings**[1] over fluorescent means a satisfed customer and no time wasted going back to a job
- **Lifetime delivered** — average life rating of 50,000 hours[2]
- **Easy replacement** — Replace conventional 32W and 26W 4-pin (PL-C & PL-T) lamps
  Replace conventional 13W 2-pin and 4-pin (PL-S & PL-C) lamps
  Replace conventional 40W 4-pin (PL-L) lamps

Features

- **Rotatable end cap** — ensures proper lamp alignment inside the fixture (Horizontal SKUs only)
- **Long life** — 50,000 hour life[2] means less maintenance than fluorescent
- **Proven product history** and a company with a long history of innovation and reliability in the lighting industry
- **Dimmable** – many Philips LED PL-type lamps are dimmable

Philips LED InstantFit PL lamps

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

Product No.	Model No.	DLC Product ID	Ordering Code	Volts (Depending on Ballast)	Bare Lamp Watts	Avg. System Watts	Equiv. Watts	Base	CRI	Color Temp. (K)	Lumens	Life[2]	Beam Angle
InstantFit LED 2-pin lamps (13W replacements)[3]													
52951-1	9290018628	N/A	5PL-S/LED/13H/827/IF5/P/2P 20/1	120-277	5	5	13	GX23	82	2700	580	50,000	180°
52956-0	9290018629	N/A	5PL-S/LED/13H/830/IF5/P/2P 20/1	120-277	5	5	13	GX23	82	3000	580	50,000	180°
52957-8	9290018630	N/A	5PL-S/LED/13H/835/IF5/P/2P 20/1	120-277	5	5	13	GX23	82	3500	580	50,000	180°
52958-6	9290018631	N/A	5PL-S/LED/13H/840/IF5/P/2P 20/1	120-277	5	5	13	GX23	82	4000	580	50,000	180°
53230-9	9290018845	N/A	5PL-C/LED/13H/827/IF5/P/2P 20/1	120-277	5	5	13	GX23-2	82	2700	520	50,000	150°
53231-7	9290018846	N/A	5PL-C/LED/13H/830/IF5/P/2P 20/1	120-277	5	5	13	GX23-2	82	3000	550	50,000	150°
53233-3	9290018847	N/A	5PL-C/LED/13H/835/IF5/P/2P 20/1	120-277	5	5	13	GX23-2	82	3500	550	50,000	150°
53234-1	9290018848	N/A	5PL-C/LED/13H/840/IF5/P/2P 20/1	120-277	5	5	13	GX23-2	82	4000	580	50,000	150°
53235-8	9290018849	N/A	5PL-C/LED/13V/827/IF5/P/2P 20/1	120-277	5	5	13	GX23-2	82	2700	520	50,000	150°
53236-6	9290018850	N/A	5PL-C/LED/13V/830/IF5/P/2P 20/1	120-277	5	5	13	GX23-2	82	3000	550	50,000	150°
53237-4	9290018851	N/A	5PL-C/LED/13V/835/IF5/P/2P 20/1	120-277	5	5	13	GX23-2	82	3500	550	50,000	150°
53238-2	9290018852	N/A	5PL-C/LED/13V/840/IF5/P/2P 20/1	120-277	5	5	13	GX23-2	82	4000	580	50,000	150°
InstantFit LED 4-pin lamps (13W replacements)[3]													
53239-0	9290018853	N/A	5.5PL-C/LED/13H/827/IF5/P/4P 20/1	14-60	5.5	7	13	G24q	82	2700	520	50,000	150°
53240-8	9290018854	N/A	5.5PL-C/LED/13H/830/IF5/P/4P 20/1	14-60	5.5	7	13	G24q	82	3000	550	50,000	150°
53241-6	9290018855	N/A	5.5PL-C/LED/13H/835/IF5/P/4P 20/1	14-60	5.5	7	13	G24q	82	3500	550	50,000	150°
53242-4	9290018856	N/A	5.5PL-C/LED/13H/840/IF5/P/4P 20/1	14-60	5.5	7	13	G24q	82	4000	580	50,000	150°
53243-2	9290018857	N/A	5.5PL-C/LED/13V/827/IF5/P/4P 20/1	14-60	5.5	7	13	G24q	82	2700	520	50,000	150°
53244-0	9290018858	N/A	5.5PL-C/LED/13V/830/IF5/P/4P 20/1	14-60	5.5	7	13	G24q	82	3000	550	50,000	150°
53245-7	9290018859	N/A	5.5PL-C/LED/13V/835/IF5/P/4P 20/1	14-60	5.5	7	13	G24q	82	3500	550	50,000	150°
53246-5	9290018860	N/A	5.5PL-C/LED/13V/840/IF5/P/4P 20/1	14-60	5.5	7	13	G24q	82	4000	580	50,000	150°
InstantFit LED 4-pin dimmable lamps (26W replacements)													
45836-4	9290013880	P227UKPG	8.5PL-C/T LED/26H-2700 IF 4P	100-277, 347	8.5	10.5	26	G24q/GX24	>80	2700	900	50,000	120°
45837-2	9290013881	PYHS75V7	8.5PL-C/T LED/26H-3000 IF 4P	100-277, 347	8.5	10.5	26	G24q/GX24	>80	3000	900	50,000	120°
45838-0	9290013882	P1956NU5	8.5PL-C/T LED/26H-3500 IF 4P	100-277, 347	8.5	10.5	26	G24q/GX24	>80	3500	900	50,000	120°
45839-8	9290013883	PUK7J4AA	8.5PL-C/T LED/26H-4000 IF 4P	100-277, 347	8.5	10.5	26	G24q/GX24	>80	4000	950	50,000	120°
45840-6	9290013884	PW2GPMX6	10.5PL-C/T LED/26V-2700 IF 4P	100-277, 347	10.5	14.5	26	G24q/GX24	>80	2700	1200	50,000	120°
45841-4	9290013885	PGPTBMF9	10.5PL-C/T LED/26V-3000 IF 4P	100-277, 347	10.5	14.5	26	G24q/GX24	>80	3000	1200	50,000	120°
45842-2	9290013886	PZ1KKRNR	10.5PL-C/T LED/26V-3500 IF 4P	100-277, 347	10.5	14.5	26	G24q/GX24	>80	3500	1200	50,000	120°
45843-0	9290013887	PV2HQGZW	10.5PL-C/T LED/26V-4000 IF 4P	100-277, 347	10.5	14.5	26	G24q/GX24	>80	4000	1300	50,000	120°
InstantFit LED 4-pin dimmable lamps (32W replacements)													
47606-9	9290018197	PIADVYIP	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	100-277, 347	12	15	32	G24q/GX24	>80	2700	1300	50,000	120°
47607-7	9290018198	PO8NB9Q1	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	100-277, 347	12	15	32	G24q/GX24	>80	3000	1350	50,000	120°
47608-5	9290018199	PZHF15J0	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	100-277, 347	12	15	32	G24q/GX24	>80	3500	1400	50,000	120°
47609-3	9290018200	PT5IC4ON	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	100-277, 347	12	15	32	G24q/GX24	>80	4000	1450	50,000	120°
47610-1	9290018201	PUS3MZTV	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	100-277, 347	12	15	32	G24q/GX24	>80	2700	1350	50,000	120°
47611-9	9290018202	PEIZQ8AS	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	100-277, 347	12	15	32	G24q/GX24	>80	3000	1400	50,000	120°
47612-7	9290018203	PJG8ADHK	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	100-277, 347	12	15	32	G24q/GX24	>80	3500	1450	50,000	120°
47613-5	9290018204	PFKH6AQA	12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	100-277, 347	12	15	32	G24q/GX24	>80	4000	1500	50,000	120°
InstantFit LED 4-Pin long compact (PL-L) - 2' high output[3]													
45663-2	929001151304	Not DLC	16.5PL-LED/24-3000 IF 10/1	120-277	16.5	21.0	n/a	2G11	82	3000	1900	40,000	160°
45664-0	929001151404	Not DLC	16.5PL-LED/24-3500 IF 10/1	120-277	16.5	21.0	n/a	2G11	82	3500	2000	40,000	160°
45665-7	929001151504	Not DLC	16.5PL-LED/24-4000 IF 10/1	120-277	16.5	21.0	n/a	2G11	82	4000	2100	40,000	160°
InstantFit LED 4-Pin Long Compact (PL-L) - 2' high output DLC													
532895	9290018935	P31FZ6G6	16.5PL-L/PER/22/830/IF22/P 4P 10/1	100-277, 347	16.5	21	40	2G11	82	3000	2200	50,000	160°
532903	9290018936	PAVW5BH3	16.5PL-L/PER/22/835/IF22/P 4P 10/1	100-277, 347	16.5	21	40	2G11	82	3500	2200	50,000	160°
532911	9290018937	PIWSEV1M	16.5PL-L/PER/22/840/IF23/P 4P 10/1	100-277, 347	16.5	21	40	2G11	82	4000	2300	50,000	160°

Philips LED InstantFit PL lamps

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. Ft.)	Pallet Qty	Lamps/ SKU	SKUs per Layer	Layers High	SKU Dimensions (W x D x H) (In.)	Case Dimensions (W x D x H) (In.)	Pallet Dimensions (W x D x H) (In.)
InstantFit LED 2-pin lamps (13W replacements)												
52951-1	52951-2	52951-7	20	2.25	0.12	7920	1	1320	6	0.9 x 1.3 x 6.6	5.7 x 4.9 x 7.2	47.2 x 39.4 x 49.2
52956-0	52956-7	52956-2	20	2.25	0.12	7920	1	1320	6	0.9 x 1.3 x 6.6	5.7 x 4.9 x 7.2	47.2 x 39.4 x 49.2
52957-8	52957-4	52957-9	20	2.25	0.12	7920	1	1320	6	0.9 x 1.3 x 6.6	5.7 x 4.9 x 7.2	47.2 x 39.4 x 49.2
52958-6	52958-1	52958-6	20	2.25	0.12	7920	1	1320	6	0.9 x 1.3 x 6.6	5.7 x 4.9 x 7.2	47.2 x 39.4 x 49.2
53230-9	53230-7	53230-2	20	3.18	0.195	4760	1	680	7	8.2 x 6.6 x 6.2	8.2 x 6.6 x 6.2	48.0 x 40.6 x 49.2
53231-7	53231-4	53231-9	20	3.18	0.195	4760	1	680	7	8.2 x 6.6 x 6.2	8.2 x 6.6 x 6.2	48.0 x 40.6 x 49.2
53233-3	53233-8	53233-3	20	3.18	0.195	4760	1	680	7	8.2 x 6.6 x 6.2	8.2 x 6.6 x 6.2	48.0 x 40.6 x 49.2
53234-1	53234-5	53234-0	20	3.18	0.195	4760	1	680	7	8.2 x 6.6 x 6.2	8.2 x 6.6 x 6.2	48.0 x 40.6 x 49.2
53235-8	53235-2	53235-7	20	2.97	0.285	3600	1	400	9	10.2 x 8.2 x 5.4	11.2 x 8.2 x 5.4	48.0 x 39.8 x 54.0
53236-6	53236-9	53236-4	20	2.97	0.285	3600	1	400	9	10.2 x 8.2 x 5.4	11.2 x 8.2 x 5.4	48.0 x 39.8 x 54.0
53237-4	53237-6	53237-1	20	2.97	0.285	3600	1	400	9	10.2 x 8.2 x 5.4	11.2 x 8.2 x 5.4	48.0 x 39.8 x 54.0
53238-2	53238-3	53238-8	20	2.97	0.285	3600	1	400	9	10.2 x 8.2 x 5.4	11.2 x 8.2 x 5.4	48.0 x 39.8 x 54.0
InstantFit LED 4-pin lamps (13W replacements)												
53239-0	53239-0	53239-5	20	3.18	0.195	4760	1	680	7	8.2 x 6.6 x 6.2	8.2 x 6.6 x 6.2	48.0 x 40.6 x 49.2
53240-8	53240-6	53240-1	20	3.18	0.195	4760	1	680	7	8.2 x 6.6 x 6.2	8.2 x 6.6 x 6.2	48.0 x 40.6 x 49.2
53241-6	53241-3	53241-8	20	3.18	0.195	4760	1	680	7	8.2 x 6.6 x 6.2	8.2 x 6.6 x 6.2	48.0 x 40.6 x 49.2
53242-4	53242-0	53242-5	20	3.18	0.195	4760	1	680	7	8.2 x 6.6 x 6.2	8.2 x 6.6 x 6.2	48.0 x 40.6 x 49.2
53243-2	53243-7	53243-2	20	2.97	0.285	3600	1	400	9	10.2 x 8.2 x 5.4	11.2 x 8.2 x 5.4	48.0 x 39.8 x 54.0
53244-0	53244-4	53244-9	20	2.97	0.285	3600	1	400	9	10.2 x 8.2 x 5.4	11.2 x 8.2 x 5.4	48.0 x 39.8 x 54.0
53245-7	53245-1	53245-6	20	2.97	0.285	3600	1	400	9	10.2 x 8.2 x 5.4	11.2 x 8.2 x 5.4	48.0 x 39.8 x 54.0
53246-5	53246-8	53246-3	20	2.97	0.285	3600	1	400	9	10.2 x 8.2 x 5.4	11.2 x 8.2 x 5.4	48.0 x 39.8 x 54.0
InstantFit LED 4-pin dimmable lamps (26W replacements)												
45836-4	45836-2	45836-7	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
45837-2	45837-9	45837-4	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
45838-0	45838-6	45838-1	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
45839-8	45839-3	45839-8	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
45840-6	45840-9	45840-4	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
45841-4	45841-6	45841-1	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
45842-2	45842-3	45842-8	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
45843-0	45843-0	45843-5	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
InstantFit LED 4-pin dimmable lamps (32W replacements)												
47606-9	47606-9	74760-4	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
47607-7	47607-6	74760-1	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
47608-5	47608-3	74760-8	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
47609-3	76090-0	74760-5	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
47610-1	76106-6	74761-1	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
47611-9	76113-3	74761-8	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
47612-7	76120-0	74761-5	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
47613-5	76137-7	74761-2	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
InstantFit LED 4-Pin long compact (PL-L) - 2' high output												
45663-2	45663-4	45663-9	10	4.7	0.30	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2
45664-0	45664-1	45664-6	10	4.7	0.30	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2
45665-7	45665-8	45665-3	10	4.7	0.30	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2
InstantFit LED 4-Pin Long Compact (PL-L) - 2' high output DLC												
532895	53289-5	53289-0	10	4.7	0.3	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2
532903	53290-1	53290-6	10	4.7	0.3	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2
532911	53291-8	53291-3	10	4.7	0.3	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2

Philips LED InstantFit PL lamps

Energy saving solution

Estimated lighting costs using a standard 26W PL-C CFL lamp			
Present Wattage		26	W
× Annual operating hours		4,000	hrs
	=	104,000	Watt-Hours
÷ 1,000	=	104	kWh per year
× kWh rate of $0.11	=	$11.44	per year
× 100 lamps		$1,144.00	annual energy cost per space

Estimated lighting costs using a Philips 8.5W PL-C/T LED lamp			
Present Wattage		8.5	W
× Annual operating hours		4,000	hrs
	=	34,000	Watt-Hours
÷ 1,000	=	34	kWh per year
× kWh rate of $0.11	=	$3.74	per year
× 100 lamps		$374.00	annual energy cost per space
Total estimated annual savings◊		**$770.00**	

◊ Based on 100 lamps per space operating at 4,000 hours per year

1. Using 2 26W CFL 4-pin lamps on a programmed-start ballast = 52 system watts. Using 2 Philips LED InstantFit 4-pin lamps on a programmed-start ballast = 21 system watts. 52 - 21 = 31 watts saved; 31W/52W = 60% energy saved.
2. Tested to B50 L70 Requirement. This is defined as the number of hours when 50% of a large group of identical lamps drops below 70% of its initial lumens.
3. This product is not DLC certified or does not have a DLC category.

WARNINGS AND CAUTIONS

- Before replacing, turn off power and let lamp cool to avoid electrical shock or burn
- Not for use in totally enclosed or recessed luminaries (fixtures)
- This device is not intended for use with emergency exit fixtures or emergency lights

CAUTION: Risk of electric shock – Do not use where directly exposed to water

NOTES: This device complies with Part 15 of the FCC rule. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B complies with Canadian ICES-005.

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

RoHS COMPLIANT

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