



most advanced LED replacements for compact fluorescent 2-pin PL-S lamp

Philips LED PL-S lamps make the transition to LED from CFL lamps as simple as replacing a lamp. The InstantFit (UL Type A) single-CCT and MainsFit (UL Type B) multi-CCT, 2-pin PL-S LED lamps are available for the selection. They offer a quickly and effectively replacement for 9W or 13W compact fluorescent PL-S lamps.

Benefits

- Minimizes overall lighting costs
- Offers cheapest and easiest upgrade to LED lighting technology
- Excellent compatibility with existing fluorescent ballasts

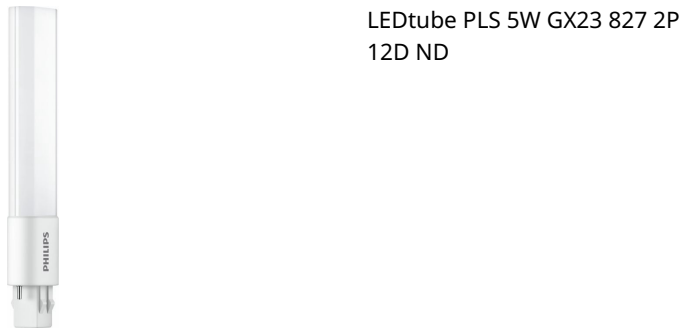
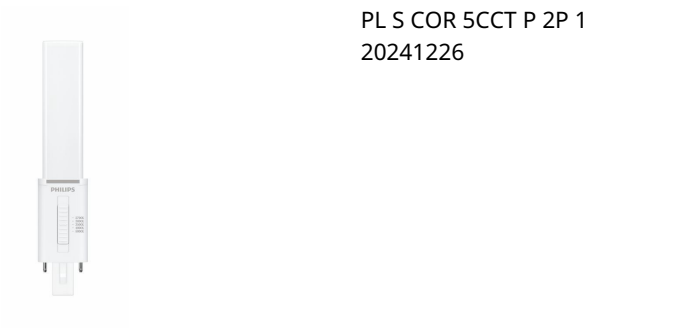
Applications

- Residential and multi-family complexes
- Retail and hospitality

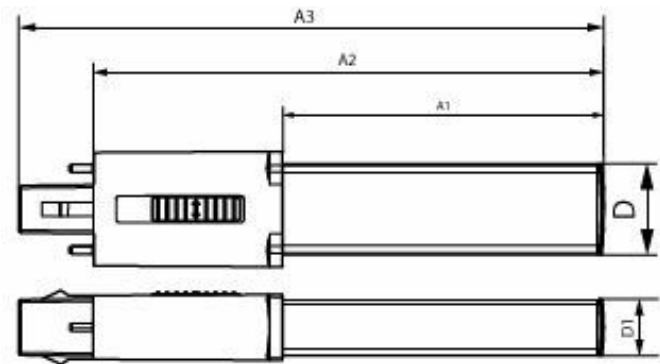
Features

- High energy efficiency, over 40% energy savings
- Long lifetime
- Easy plug-and-play installation. Retrofit replacement of existing CFL-ni lamps
- Conventional form factor fits into existing luminaires
- Durable polycarbonate construction

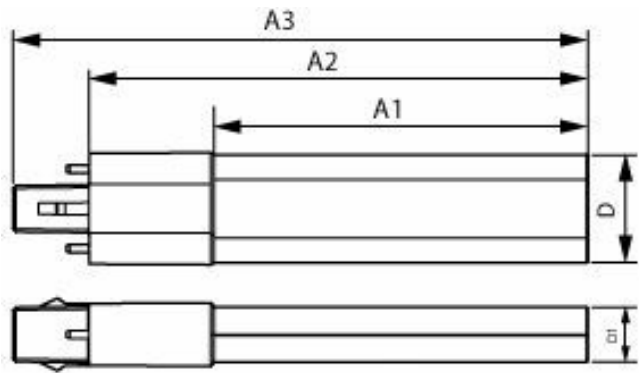
Versions



Dimensional drawing



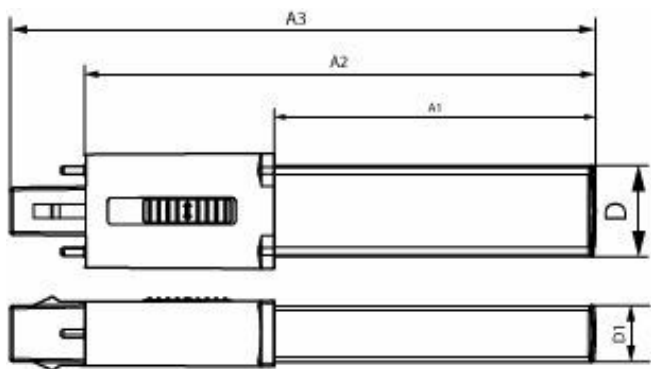
D	D1	A1	A2	A3
26mm	16mm	106mm	160mm	181mm



D	D1	A1	A2	A3
31mm	16mm	108mm	144mm	166mm

Product	D1	D	A1	A2	A3
6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	16 mm	26 mm	106 mm	160 mm	181 mm

Product	D1	D	A1	A2	A3
5PL-S/LED/13H/827/IF5/P/2P 20/1	16 mm	31 mm	108 mm	144 mm	166 mm
5PL-S/LED/13H/835/IF5/P/2P 20/1	16 mm	31 mm	108 mm	144 mm	166 mm
5PL-S/LED/13H/840/IF5/P/2P 20/1	16 mm	31 mm	108 mm	144 mm	166 mm



Product	D1	D	A1	A2	A3
5PL-S/COR/ 9H-5CCT/MF5/P/2P 20/1	16 mm	26 mm	91 mm	145 mm	166 mm

D	D1	A1	A2	A3
26mm	16mm	91mm	145mm	166mm

General Information

Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000

Light Technical

Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	PL-S

General Information

Order Code	Full Product Name	Cap-Base
929004582904	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1	G23
929004583004	6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	GX23
929001862804	5PL-S/LED/13H/827/IF5/P/2P 20/1	GX23
929001863004	5PL-S/LED/13H/835/IF5/P/2P 20/1	GX23
929001863104	5PL-S/LED/13H/840/IF5/P/2P 20/1	GX23

Light Technical

Order Code	Full Product Name	Color Code	Beam Angle (Nom)	Luminous Flux	Correlated Color Temperature (Nom)
929004582904	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1	2700/3000/3500/4000/5000	140 degree(s)	475 lm	2700 K
				475 lm	3000 K
				475 lm	3500 K
				500 lm	4000 K
				500 lm	5000 K
929004583004	6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	2700/3000/3500/4000/5000	140 degree(s)	620 lm	2700 K
				620 lm	3000 K
				620 lm	3500 K
				650 lm	4000 K
				650 lm	5000 K
929001862804	5PL-S/LED/13H/827/IF5/P/2P 20/1	827	120 degree(s)	520 lm	2700 K
929001863004	5PL-S/LED/13H/835/IF5/P/2P 20/1	835	120 degree(s)	560 lm	3500 K
929001863104	5PL-S/LED/13H/840/IF5/P/2P 20/1	840	120 degree(s)	580 lm	4000 K

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929004582904	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1	4.5 W	9 W
929004583004	6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	6 W	13 W
929001862804	5PL-S/LED/13H/827/IF5/P/2P 20/1	5 W	13 W
929001863004	5PL-S/LED/13H/835/IF5/P/2P 20/1	5 W	13 W
929001863104	5PL-S/LED/13H/840/IF5/P/2P 20/1	5 W	13 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929004582904	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1	55 °C
929004583004	6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	55 °C
929001862804	5PL-S/LED/13H/827/IF5/P/2P 20/1	75 °C
929001863004	5PL-S/LED/13H/835/IF5/P/2P 20/1	75 °C
929001863104	5PL-S/LED/13H/840/IF5/P/2P 20/1	75 °C

Approval and Application

Order Code	Full Product Name	Ambient temperature range
929004582904	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1	-20 to +45 °C
929004583004	6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	-20 to +45 °C
929001862804	5PL-S/LED/13H/827/IF5/P/2P 20/1	-20 °C to 45 °C
929001863004	5PL-S/LED/13H/835/IF5/P/2P 20/1	-20 °C to 45 °C
929001863104	5PL-S/LED/13H/840/IF5/P/2P 20/1	-20 °C to 45 °C