



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

## PL-S

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

### 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

### Application

- Residential and multi-family complexes
- Retail and hospitality

## Versions

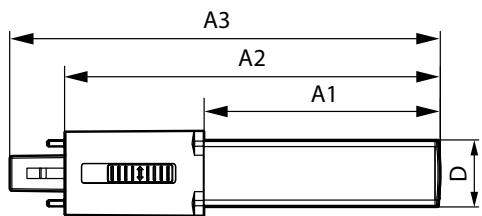


PL S COR 5CCT P 2P 1 20241226

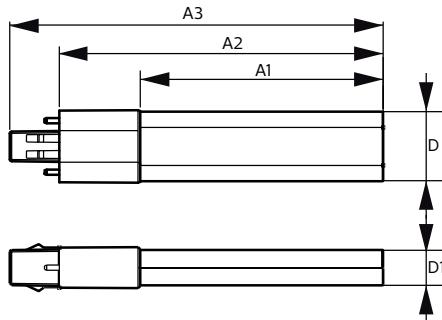
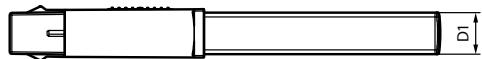


LEDtube PLS 5W GX23 827 2P 12D ND

## Dimensional drawing



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
6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	16 mm	26 mm	106 mm	160 mm	181 mm



Product	D1	D2	A1	A2	A3
5PL-S/LED/13H/827/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm
5PL-S/LED/13H/835/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm
5PL-S/LED/13H/840/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

General Information	
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)
Light Technical	
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
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	Name	Correlated						Correlated						Luminous Flux
		Full	Beam	Color	Product	Angle	Temperature	Luminous Flux	Order Code	Full	Beam	Color		
		(Nom)	(Nom)	Color Code						(Nom)	(Nom)	Color Code		
929004582904	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1	140	2700 K	2700/3000/3500/4000/5000	475 lm				929001863004	5PL-S/LED/13H/835/IF5/P/2P 20/1	120	3500 K	835	560 lm
	degree(s)													
	9H-5CCT/													
	MF5/P/2P													
	20/1													
929004583004	6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	140	2700 K	2700/3000/3500/4000/5000	620 lm				929001863104	5PL-S/LED/13H/840/IF5/P/2P 20/1	120	4000 K	840	580 lm
	degree(s)													
	13H-5CCT/													
	MF6/P/2P													
	20/1													
929001862804	5PL-S/LED/13H/827/IF5/P/2P 20/1	120	2700 K	827		520 lm								
	degree(s)													
	H/827/IF5													

### Operating and Electrical

Order Code	Full Product Name	Line	Power	Wattage	Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent			Frequency	Consumption	Equivalent
929004582904	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1	-	4.5 W	9 W	929001863004	5PL-S/LED/13H/835/IF5/P/2P 20/1	50 to 60 Hz	5 W	13 W
929004583004	6PL-S/COR/13H-5CCT/MF6/P/2P 20/1	-	6 W	13 W	929001863104	5PL-S/LED/13H/840/IF5/P/2P 20/1	50 to 60 Hz	5 W	13 W
929001862804	5PL-S/LED/13H/827/IF5/P/2P 20/1	50 to 60 Hz	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

Order Code	Full Product Name	T-Case Maximum (Nom)
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

