



# The original!

## MASTER PL-S 4 Pin

MASTER PL-S is an efficient low-wattage compact fluorescent lamp, typically used for decorative and orientation purposes. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. The 4-pin version is designed for operation on electronic gear and is provided with a plug-in/pull-out lamp base.

### Benefits

- Optimal light performance for short or long operation per switch-on
- Multiple light color choice
- Good color rendering (CRI >80)
- Dimming possible down to 10%

### Features

- 4-pin base
- Fluorescent tri-phosphor technology
- Low light depreciation over lamp life

### Application

- Designed for use in hotels, restaurants, theatres and homes
- Suitable for use in signs, corridors, security and orientation lighting

### Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

# MASTER PL-S 4 Pin

## Versions



5W, 2G7, 4P



7W, 2G7, 4P

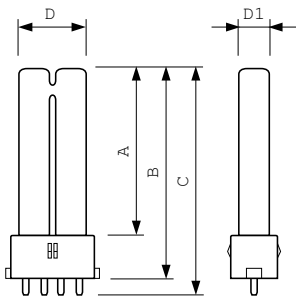


9W, 2G7, 4P



11W, 2G7, 4P

## Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-S 11W/840/4P 1CT/5X10BOX	28 mm	13 mm	196 mm	214 mm	219.9 mm
MASTER PL-S 11W/830/4P 1CT/5X10BOX	28 mm	13 mm	196 mm	214 mm	219.9 mm
MASTER PL-S 9W/827/4P 1CT/5X10BOX	28 mm	13 mm	128 mm	145 mm	151.1 mm
MASTER PL-S 5W/827/4P 1CT/5X10BOX	28 mm	13 mm	66 mm	83 mm	89.1 mm
MASTER PL-S 11W/827/4P 1CT/5X10BOX	28 mm	13 mm	196 mm	214 mm	219.9 mm
MASTER PL-S 7W/840/4P 1CT/5X10BOX	28 mm	13 mm	96 mm	113 mm	119.1 mm
MASTER PL-S 5W/840/4P 1CT/5X10BOX	28 mm	13 mm	66 mm	83 mm	89.1 mm
MASTER PL-S 9W/840/4P 1CT/5X10BOX	28 mm	13 mm	128 mm	145 mm	151.1 mm
MASTER PL-S 9W/830/4P 1CT/5X10BOX	28 mm	13 mm	128 mm	145 mm	151.1 mm
MASTER PL-S 7W/830/4P 1CT/5X10BOX	28 mm	13 mm	96 mm	113 mm	119.1 mm

# MASTER PL-S 4 Pin

## Approval and Application

Mercury (Hg) Content (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg

## Controls and Dimming

Dimmable	Yes
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## General Information

Cap-Base	2G7
Life To 50% Failures Preheat (Nom)	13000 h
LSF Preheat 16000 h Rated	30 %
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	98 %
LSF Preheat 6000 h Rated	97 %
LSF Preheat 8000 h Rated	92 %

## Light Technical

LLMF 12000 h Rated	86 %
LLMF 2000 h Rated	95 %
LLMF 4000 h Rated	92 %
LLMF 6000 h Rated	90 %
LLMF 8000 h Rated	88 %

## Temperature

Design Temperature (Nom)	28 °C
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## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927935482711	MASTER PL-S 5W/827/4P 1CT/5X10BOX	6 kWh
927935484011	MASTER PL-S 5W/840/4P 1CT/5X10BOX	6 kWh
927935883011	MASTER PL-S 7W/830/4P 1CT/5X10BOX	8 kWh
927935884011	MASTER PL-S 7W/840/4P 1CT/5X10BOX	8 kWh
927936282711	MASTER PL-S 9W/827/4P 1CT/5X10BOX	9 kWh
927936283011	MASTER PL-S 9W/830/4P 1CT/5X10BOX	9 kWh
927936284011	MASTER PL-S 9W/840/4P 1CT/5X10BOX	9 kWh
927936682711	MASTER PL-S 11W/827/4P 1CT/5X10BOX	12 kWh
927936683011	MASTER PL-S 11W/830/4P 1CT/5X10BOX	12 kWh
927936684011	MASTER PL-S 11W/840/4P 1CT/5X10BOX	12 kWh

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927935482711	MASTER PL-S 5W/827/4P 1CT/5X10BOX	0.180 A	5.5 W
927935484011	MASTER PL-S 5W/840/4P 1CT/5X10BOX	0.180 A	5.5 W
927935883011	MASTER PL-S 7W/830/4P 1CT/5X10BOX	0.175 A	7.2 W
927935884011	MASTER PL-S 7W/840/4P 1CT/5X10BOX	0.175 A	7.2 W
927936282711	MASTER PL-S 9W/827/4P 1CT/5X10BOX	0.170 A	8.8 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927936283011	MASTER PL-S 9W/830/4P 1CT/5X10BOX	0.170 A	8.8 W
927936284011	MASTER PL-S 9W/840/4P 1CT/5X10BOX	0.170 A	8.8 W
927936682711	MASTER PL-S 11W/827/4P 1CT/5X10BOX	0.160 A	11.9 W
927936683011	MASTER PL-S 11W/830/4P 1CT/5X10BOX	0.160 A	11.9 W
927936684011	MASTER PL-S 11W/840/4P 1CT/5X10BOX	0.160 A	11.9 W

## Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927935482711	MASTER PL-S 5W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
927935484011	MASTER PL-S 5W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927935883011	MASTER PL-S 7W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm White (WW)
927935884011	MASTER PL-S 7W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

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Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927936282711	MASTER PL-S 9W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
927936283011	MASTER PL-S 9W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm White (WW)
927936284011	MASTER PL-S 9W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927936682711	MASTER PL-S 11W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
927936683011	MASTER PL-S 11W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm White (WW)
927936684011	MASTER PL-S 11W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

### Light Technical (2/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Luminous	
					Luminous Flux (Nom)	Luminous Flux (Rated)
927935482711	MASTER PL-S 5W/827/4P 1CT/5X10BOX	2700 K	82	52 lm/W	250 lm	259 lm
927935484011	MASTER PL-S 5W/840/4P 1CT/5X10BOX	4000 K	80	52 lm/W	250 lm	259 lm
927935883011	MASTER PL-S 7W/830/4P 1CT/5X10BOX	3000 K	82	62 lm/W	400 lm	405 lm
927935884011	MASTER PL-S 7W/840/4P 1CT/5X10BOX	4000 K	80	62 lm/W	400 lm	405 lm
927936282711	MASTER PL-S 9W/827/4P 1CT/5X10BOX	2700 K	82	73 lm/W	600 lm	583 lm
927936283011	MASTER PL-S 9W/	3000 K	82	73 lm/W	590 lm	583 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Luminous	
					Luminous Flux (Nom)	Luminous Flux (Rated)
	830/4P 1CT/5X10BOX					
927936284011	MASTER PL-S 9W/840/4P 1CT/5X10BOX	4000 K	80	73 lm/W	570 lm	583 lm
927936682711	MASTER PL-S 11W/827/4P 1CT/5X10BOX	2700 K	82	80 lm/W	900 lm	880 lm
927936683011	MASTER PL-S 11W/830/4P 1CT/5X10BOX	3000 K	82	82 lm/W	900 lm	900 lm
927936684011	MASTER PL-S 11W/840/4P 1CT/5X10BOX	4000 K	80	82 lm/W	880 lm	900 lm

## MASTER PL-S 4 Pin

