



The original!

MASTER PL-S 2 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 2-pin version is designed for operation on electromagnetic 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)

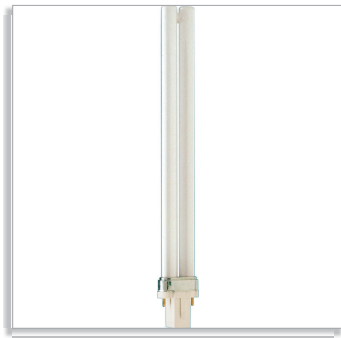
Features

- 2-pin base with a housing incorporating the special instant starter and capacitor
- Fluorescent tri-phosphor technology
- Low light depreciation over lamp life

Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position
- Dimming is not possible

Related products



11W, G23, 2P



5W, G23, 2P

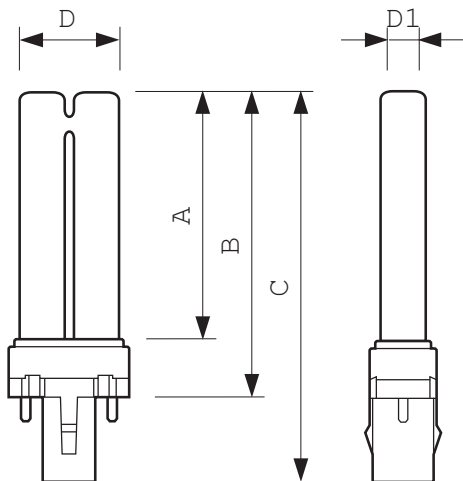


7W, G23, 2P



9W, G23, 2P

Dimensional drawing



MASTER PL-S 5W/827/2P 1CT

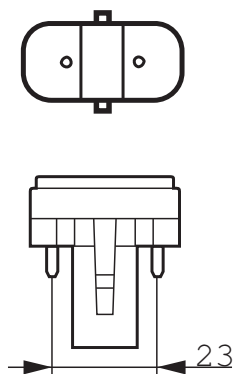
Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-S 5W/827/2P LM	67	83	105	28	13
PL-S 5W/840/2P LM	67	83	105	28	13
PL-S 7W/827/2P LM	97	113	135	28	13
PL-S 7W/830/2P LM	97	113	135	28	13
PL-S 7W/840/2P LM	97	113	135	28	13
PL-S 9W/827/2P LM	129	145	167	28	13
PL-S 9W/827/2P LM	129	145	167	28	13
PL-S 9W/830/2P LM	129	145	167	28	13
PL-S 9W/830/2P LM	129	145	167	28	13
PL-S 9W/840/2P LM	129	145	167	28	13
PL-S 11W/827/2P LM	198	214	235.8	28	13
PL-S 11W/827/2P LM	198	214	235.8	28	13
PL-S 11W/830/2P LM	198	214	235.8	28	13
PL-S 11W/840/2P LM	198	214	235.8	28	13
PL-S 11W/840/2P LM	198	214	235.8	28	13

General Characteristics

Order code	Full product name	Cap-Base	Life to 10% failures EM	Life to 50% failures EM	LSF EM 2000h Rated,3h cycle	LSF EM 4000h Rated,3h cycle	LSF EM 6000h Rated,3h cycle	LSF EM 8000h Rated,3h cycle	LSF EM 12000h Rated,3h cycle	LSF EM 16000h Rated,3h cycle	LSF EM 20000h Rated,3h cycle
927936482711	MASTER PL-S 11W/827/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%

Order code	Full product name	Cap-Base	Life to 10% failures EM	Life to 50% failures EM	LSF EM 2000h Rated,3h cycle	LSF EM 4000h Rated,3h cycle	LSF EM 6000h Rated,3h cycle	LSF EM 8000h Rated,3h cycle	LSF EM 12000h Rated,3h cycle	LSF EM 16000h Rated,3h cycle	LSF EM 20000h Rated,3h cycle
927936482717	MASTER PL-S 11W/827/2P UNP	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927936483011	MASTER PL-S 11W/830/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927936484011	MASTER PL-S 11W/840/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927936484017	MASTER PL-S 11W/840/2P UNP	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927935282711	MASTER PL-S 5W/827/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927935284011	MASTER PL-S 5W/840/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927935682711	MASTER PL-S 7W/827/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927935683011	MASTER PL-S 7W/830/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927935684011	MASTER PL-S 7W/840/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927936082711	MASTER PL-S 9W/827/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927936082717	MASTER PL-S 9W/827/2P UNP	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927936083011	MASTER PL-S 9W/830/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927936083017	MASTER PL-S 9W/830/2P UNP	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%
927936084011	MASTER PL-S 9W/840/2P 1CT	G23	6500 hr	10000 hr	99 %	98 %	95 %	86 %	%	%	%

Installation diagrams



G23

Light Technical Characteristics (1/2)

Order code	Full product name	Color Code	Color Rendering Index	Color Designation (text)	Color Temperature	Luminous Flux EM 25°C, Rated	Luminous Flux EM 25°C, Nominal	Lum Efficacy Rated EM 25°C	LLMF EM 2000h Rated	LLMF EM 4000h Rated	LLMF EM 6000h Rated
927936482711	MASTER PL-S 11W/ 827/2P 1CT	827	82 Ra8	Incandescent White	2700 K	893 Lm	900 Lm	77 Lm/W	94 %	91 %	89 %
927936482717	MASTER PL-S 11W/ 827/2P UNP	827	82 Ra8	Incandescent White	2700 K	893 Lm	900 Lm	77 Lm/W	94 %	91 %	89 %
927936483011	MASTER PL-S 11W/ 830/2P 1CT	830	82 Ra8	Warm White	3000 K	893 Lm	900 Lm	77 Lm/W	94 %	91 %	89 %
927936484011	MASTER PL-S 11W/ 840/2P 1CT	840	82 Ra8	Cool White	4000 K	893 Lm	900 Lm	77 Lm/W	94 %	91 %	89 %
927936484017	MASTER PL-S 11W/ 840/2P UNP	840	82 Ra8	Cool White	4000 K	893 Lm	900 Lm	77 Lm/W	94 %	91 %	89 %
927935282711	MASTER PL-S 5W/ 827/2P 1CT	827	82 Ra8	Incandescent White	2700 K	259 Lm	250 Lm	48 (min) Lm/W	89 %	83 %	80 %
927935284011	MASTER PL-S 5W/ 840/2P 1CT	840	82 Ra8	Cool White	4000 K	259 Lm	250 Lm	48 Lm/W	89 %	83 %	80 %
927935682711	MASTER PL-S 7W/ 827/2P 1CT	827	82 Ra8	Incandescent White	2700 K	405 Lm	400 Lm	57 Lm/W	94 %	91 %	89 %
927935683011	MASTER PL-S 7W/ 830/2P 1CT	830	82 Ra8	Warm White	3000 K	405 Lm	400 Lm	57 Lm/W	94 %	91 %	89 %
927935684011	MASTER PL-S 7W/ 840/2P 1CT	840	82 Ra8	Cool White	4000 K	405 Lm	400 Lm	57 Lm/W	94 %	91 %	89 %
927936082711	MASTER PL-S 9W/ 827/2P 1CT	827	82 Ra8	Incandescent White	2700 K	583 Lm	600 Lm	67 Lm/W	94 %	91 %	89 %
927936082717	MASTER PL-S 9W/ 827/2P UNP	827	82 Ra8	Incandescent White	2700 K	583 Lm	600 Lm	67 Lm/W	94 %	91 %	89 %
927936083011	MASTER PL-S 9W/ 830/2P 1CT	830	82 Ra8	Warm White	3000 K	583 Lm	600 Lm	67 Lm/W	94 %	91 %	89 %
927936083017	MASTER PL-S 9W/ 830/2P UNP	830	82 Ra8	Warm White	3000 K	583 Lm	600 Lm	67 Lm/W	94 %	91 %	89 %
927936084011	MASTER PL-S 9W/ 840/2P 1CT	840	82 Ra8	Cool White	4000 K	583 Lm	600 Lm	67 Lm/W	94 %	91 %	89 %

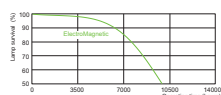
Light Technical Characteristics (2/2)

Order code	Full product name	LLMF EM 8000h Rated	LLMF EM 12000h Rated	LLMF EM 16000h Rated	LLMF EM 20000h Rated	Design Temperature	Chromaticity Coordinate X	Chromaticity Coordinate Y
927936482711	MASTER PL-S 11W/827/2P 1CT	86 %	%	%	%	28 C	455 -	417 -
927936482717	MASTER PL-S 11W/827/2P UNP	86 %	%	%	%	28 C	455 -	417 -
927936483011	MASTER PL-S 11W/830/2P 1CT	86 %	%	%	%	28 C	435 -	401 -
927936484011	MASTER PL-S 11W/840/2P 1CT	86 %	%	%	%	28 C	381 -	379 -
927936484017	MASTER PL-S 11W/840/2P UNP	86 %	%	%	%	28 C	381 -	379 -
927935282711	MASTER PL-S 5W/827/2P 1CT	77 %	%	%	%	28 C	455 -	417 -
927935284011	MASTER PL-S 5W/840/2P 1CT	77 %	%	%	%	28 C	381 -	379 -
927935682711	MASTER PL-S 7W/827/2P 1CT	86 %	%	%	%	28 C	455 -	417 -
927935683011	MASTER PL-S 7W/830/2P 1CT	86 %	%	%	%	28 C	435 -	401 -
927935684011	MASTER PL-S 7W/840/2P 1CT	86 %	%	%	%	28 C	381 -	379 -
927936082711	MASTER PL-S 9W/827/2P 1CT	86 %	%	%	%	28 C	455 -	417 -
927936082717	MASTER PL-S 9W/827/2P UNP	86 %	%	%	%	28 C	455 -	417 -
927936083011	MASTER PL-S 9W/830/2P 1CT	86 %	%	%	%	28 C	435 -	401 -
927936083017	MASTER PL-S 9W/830/2P UNP	86 %	%	%	%	28 C	435 -	401 -
927936084011	MASTER PL-S 9W/840/2P 1CT	86 %	%	%	%	28 C	381 -	379 -

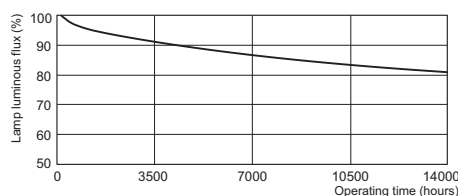
Electrical Characteristics

Order code	Full product name	Lamp Wattage	Lamp Wattage EM 25°C, Nominal	Lamp Wattage EM 25°C, Rated	Lamp Voltage EM 25°C	Lamp Current EM 25°C	Dimmable
927936482711	MASTER PL-S 11W/827/2P 1CT	11 W	11 W	11.6 W	91 V	0.155 A	No
927936482717	MASTER PL-S 11W/827/2P UNP	11 W	11 W	11.6 W	91 V	0.155 A	No
927936483011	MASTER PL-S 11W/830/2P 1CT	11 W	11 W	11.6 W	91 V	0.155 A	No
927936484011	MASTER PL-S 11W/840/2P 1CT	11 W	11 W	11.6 W	91 V	0.155 A	No
927936484017	MASTER PL-S 11W/840/2P UNP	11 W	11 W	11.6 W	91 V	0.155 A	No
927935282711	MASTER PL-S 5W/827/2P 1CT	5 W	5 W	5.4 W	35 V	0.180 A	No
927935284011	MASTER PL-S 5W/840/2P 1CT	5 W	5 W	5.4 W	35 V	0.180 A	No
927935682711	MASTER PL-S 7W/827/2P 1CT	7 W	7 W	7.1 W	47 V	0.175 A	No
927935683011	MASTER PL-S 7W/830/2P 1CT	7 W	7 W	7.1 W	47 V	0.175 A	No
927935684011	MASTER PL-S 7W/840/2P 1CT	7 W	7 W	7.1 W	47 V	0.175 A	No
927936082711	MASTER PL-S 9W/827/2P 1CT	9 W	9 W	8.7 W	60 V	0.170 A	No
927936082717	MASTER PL-S 9W/827/2P UNP	9 W	9 W	8.7 W	60 V	0.170 A	No
927936083011	MASTER PL-S 9W/830/2P 1CT	9 W	9 W	8.7 W	60 V	0.170 A	No
927936083017	MASTER PL-S 9W/830/2P UNP	9 W	9 W	8.7 W	60 V	0.170 A	No
927936084011	MASTER PL-S 9W/840/2P 1CT	9 W	9 W	8.7 W	60 V	0.170 A	No

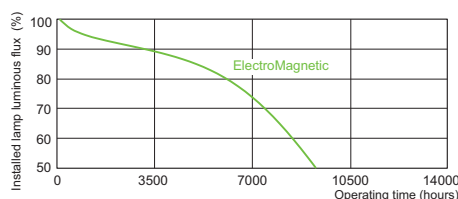
Performance diagrams



Life Expectancy 12 h cycle



Lumen Maintenance 3 h + 12 h cycle



Service Lifetime 12 h cycle

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927936482711	MASTER PL-S 11W/827/2P 1CT	A	1.4 mg
927936482717	MASTER PL-S 11W/827/2P UNP	A	1.4 mg
927936483011	MASTER PL-S 11W/830/2P 1CT	A	1.4 mg

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927936484011	MASTER PL-S 11W/840/2P 1CT	A	1.4 mg
927936484017	MASTER PL-S 11W/840/2P UNP	A	1.4 mg
927935282711	MASTER PL-S 5W/827/2P 1CT	B	1.4 mg
927935284011	MASTER PL-S 5W/840/2P 1CT	B	1.4 mg

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927935682711	MASTER PL-S 7W/827/2P 1CT	B	1.4 mg
927935683011	MASTER PL-S 7W/830/2P 1CT	B	1.4 mg
927935684011	MASTER PL-S 7W/840/2P 1CT	B	1.4 mg
927936082711	MASTER PL-S 9W/827/2P 1CT	A	1.4 mg
927936082717	MASTER PL-S 9W/827/2P UNP	A	1.4 mg

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927936083011	MASTER PL-S 9W/830/2P 1CT	A	1.4 mg
927936083017	MASTER PL-S 9W/830/2P UNP	A	1.4 mg
927936084011	MASTER PL-S 9W/840/2P 1CT	A	1.4 mg



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