



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

Application

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

Warnings and Safety

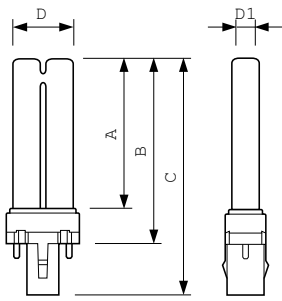
- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position
- Dimming is not possible
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp 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.

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Versions



Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-S 9W/830/2P 1CT/5X10BOX	28 mm	13 mm	129 mm	145 mm	167 mm
MASTER PL-S 9W/865/2P 1CT/10	28 mm	13 mm	97 mm	113 mm	135 mm
MASTER PL-S 7W/827/2P 1CT/10	28 mm	13 mm	97 mm	113 mm	135 mm
MASTER PL-S 9W/840/2P 1CT/10	28 mm	13 mm	129 mm	145 mm	167 mm
MASTER PL-S 7W/840/2P 1CT/10	28 mm	13 mm	97 mm	113 mm	135 mm
MASTER PL-S 11W/865/2P 1CT/10	28 mm	13 mm	97 mm	113 mm	135 mm
MASTER PL-S 9W/827/2P 1CT/10	28 mm	13 mm	129 mm	145 mm	167 mm
MASTER PL-S 11W/827/2P 1CT/10	28 mm	13 mm	198 mm	214 mm	235.8 mm
MASTER PL-S 11W/840/2P 1CT/10	28 mm	13 mm	198 mm	214 mm	235.8 mm

Approval and Application

Mercury (Hg) Content (Nom) 1.4 mg

Controls and Dimming

Dimmable No

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
927902882766	MASTER PL-S 13W/827/2P 1CT/10	-	-
927902884066	MASTER PL-S 13W/840/2P 1CT/10	-	-
927902886566	MASTER PL-S 13W/865/2P 1CT/10	-	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
927935682765	MASTER PL-S 7W/827/2P 1CT/10	9 kWh	-
927935684065	MASTER PL-S 7W/840/2P 1CT/10	9 kWh	-
927936082765	MASTER PL-S 9W/827/2P 1CT/10	11 kWh	-
927936084065	MASTER PL-S 9W/840/2P 1CT/10	11 kWh	-

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Order Code	Full Product Name	Energy	Mercury (Hg)
		Consumption kWh/ 1000 h	Content (Max)
927936086565	MASTER PL-S 9W/865/2P 1CT/10	-	-
927936482765	MASTER PL-S 11W/827/2P 1CT/10	14 kWh	-
927936484065	MASTER PL-S 11W/840/2P 1CT/10	14 kWh	-

Order Code	Full Product Name	Energy	Mercury (Hg)
		Consumption kWh/ 1000 h	Content (Max)
927936486565	MASTER PL-S 11W/865/2P 1CT/10	-	-
927936083011	MASTER PL-S 9W/830/2P 1CT/ 5X10BOX	9 kWh	1.4 mg

Operating and Electrical

Order Code	Full Product Name	Lamp	Power	
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)
927902882766	MASTER PL-S 13W/827/2P 1CT/10	0.290 A	56 V	13.0 W
927902884066	MASTER PL-S 13W/840/2P 1CT/10	0.290 A	56 V	13.0 W
927902886566	MASTER PL-S 13W/865/2P 1CT/10	0.290 A	56 V	13.0 W
927935682765	MASTER PL-S 7W/827/2P 1CT/10	0.175 A	-	7.1 W
927935684065	MASTER PL-S 7W/840/2P 1CT/10	0.175 A	-	7 W
927936082765	MASTER PL-S 9W/827/2P 1CT/10	0.170 A	-	8.7 W

Order Code	Full Product Name	Lamp	Power	
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)
927936084065	MASTER PL-S 9W/840/2P 1CT/10	0.170 A	-	8.7 W
927936086565	MASTER PL-S 9W/865/2P 1CT/10	0.170 A	60 V	8.6 W
927936482765	MASTER PL-S 11W/827/2P 1CT/10	0.155 A	-	11.6 W
927936484065	MASTER PL-S 11W/840/2P 1CT/10	0.155 A	-	11.6 W
927936486565	MASTER PL-S 11W/865/2P 1CT/10	0.160 A	89 V	11.6 W
927936083011	MASTER PL-S 9W/830/2P 1CT/5X10BOX	0.170 A	-	8.8 W

General Information

Order Code	Full Product Name	Cap-Base	Life To 10%	Life To 50% Failures	LSF 2000 h	LSF 4000 h	LSF 6000 h	LSF 8000 h
			Failures (Nom)	(Nom)	Rated	Rated	Rated	Rated
927902882766	MASTER PL-S 13W/827/2P 1CT/10	GX23	-	8000 h	-	-	-	-
927902884066	MASTER PL-S 13W/840/2P 1CT/10	GX23	-	8000 h	-	-	-	-
927902886566	MASTER PL-S 13W/865/2P 1CT/10	GX23	-	8000 h	-	-	-	-
927935682765	MASTER PL-S 7W/827/2P 1CT/10	G23	0 h	10000 h	99 %	98 %	95 %	86 %
927935684065	MASTER PL-S 7W/840/2P 1CT/10	G23	0 h	10000 h	99 %	98 %	95 %	86 %
927936082765	MASTER PL-S 9W/827/2P 1CT/10	G23	0 h	10000 h	99 %	98 %	95 %	86 %
927936084065	MASTER PL-S 9W/840/2P 1CT/10	G23	0 h	10000 h	99 %	98 %	95 %	86 %
927936086565	MASTER PL-S 9W/865/2P 1CT/10	G23	-	10000 h	-	-	-	-
927936482765	MASTER PL-S 11W/827/2P 1CT/10	G23	0 h	10000 h	99 %	98 %	95 %	86 %
927936484065	MASTER PL-S 11W/840/2P 1CT/10	G23	0 h	10000 h	99 %	98 %	95 %	86 %
927936486565	MASTER PL-S 11W/865/2P 1CT/10	G23	-	10000 h	-	-	-	-
927936083011	MASTER PL-S 9W/830/2P 1CT/5X10BOX	G23	6500 h	10000 h	99 %	98 %	95 %	86 %

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour		Colour		
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Colour Designation	Correlated Colour Temperature (Nom)	Rendering Index (Nom)	LLMF 2000 h Rated
927902882766	MASTER PL-S 13W/827/2P 1CT/10	-	-	827	Incandescent White	2700 K	>80	-
927902884066	MASTER PL-S 13W/840/2P 1CT/10	-	-	840	Cool White (CW)	4000 K	82	-
927902886566	MASTER PL-S 13W/865/2P 1CT/10	-	-	865	Cool Daylight	6500 K	82	-
927935682765	MASTER PL-S 7W/827/2P 1CT/10	-	-	827	Incandescent White	2700 K	82	94 %
927935684065	MASTER PL-S 7W/840/2P 1CT/10	-	-	840	Cool White (CW)	4000 K	82	94 %

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Order Code	Full Product Name	Chromaticity	Chromaticity	Colour		Correlated Colour	Colour	LLMF 2000
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Colour Designation	Temperature (Nom)	Rendering Index (Nom)	h Rated
927936082765	MASTER PL-S 9W/827/2P 1CT/10	-	-	827	Incandescent White	2700 K	82	94 %
927936084065	MASTER PL-S 9W/840/2P 1CT/10	-	-	840	Cool White (CW)	4000 K	82	94 %
927936086565	MASTER PL-S 9W/865/2P 1CT/10	-	-	865	Cool Daylight	6500 K	82	-
927936482765	MASTER PL-S 11W/827/2P 1CT/10	-	-	827	Incandescent White	2700 K	82	94 %
927936484065	MASTER PL-S 11W/840/2P 1CT/10	-	-	840	Cool White (CW)	4000 K	82	94 %
927936486565	MASTER PL-S 11W/865/2P 1CT/10	-	-	865	Cool Daylight	6500 K	82	-
927936083011	MASTER PL-S 9W/830/2P 1CT/ 5X10BOX	0.44	0.403	830	Warm white (WW)	3000 K	82	94 %

Light Technical (2/2)

Order Code	Full Product Name	LLMF	LLMF	LLMF	Lumen	Lumen	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		4000 h Rated	6000 h Rated	8000 h Rated	Maintenance 2000 h (Nom)	Maintenance 5000 h (Nom)			
927902882766	MASTER PL-S 13W/827/2P 1CT/10	-	-	-	85 %	80 %	62.3 lm/W	810 lm	-
927902884066	MASTER PL-S 13W/840/2P 1CT/10	-	-	-	85 %	80 %	66 lm/W	860 lm	-
927902886566	MASTER PL-S 13W/865/2P 1CT/10	-	-	-	82 %	77 %	63 lm/W	820 lm	-
927935682765	MASTER PL-S 7W/827/2P 1CT/10	91 %	89 %	86 %	-	-	57 lm/W	400 lm	405 lm
927935684065	MASTER PL-S 7W/840/2P 1CT/10	91 %	89 %	86 %	-	-	57 lm/W	400 lm	405 lm
927936082765	MASTER PL-S 9W/827/2P 1CT/10	91 %	89 %	86 %	-	-	67 lm/W	600 lm	583 lm
927936084065	MASTER PL-S 9W/840/2P 1CT/10	91 %	89 %	86 %	-	-	67 lm/W	600 lm	583 lm
927936086565	MASTER PL-S 9W/865/2P 1CT/10	-	-	-	91 %	87 %	62 lm/W	540 lm	-
927936482765	MASTER PL-S 11W/827/2P 1CT/10	91 %	89 %	86 %	-	-	77 lm/W	900 lm	893 lm
927936484065	MASTER PL-S 11W/840/2P 1CT/10	91 %	89 %	86 %	-	-	77 lm/W	900 lm	893 lm
927936486565	MASTER PL-S 11W/865/2P 1CT/10	-	-	-	91 %	87 %	70 lm/W	835 lm	-
927936083011	MASTER PL-S 9W/830/2P 1CT/5X10BOX	91 %	89 %	86 %	-	-	67 lm/W	600 lm	583 lm

Temperature

Order Code	Full Product Name	Design Temperature (Nom)	Order Code	Full Product Name	Design Temperature (Nom)
927902882766	MASTER PL-S 13W/827/2P 1CT/10	-	927936084065	MASTER PL-S 9W/840/2P 1CT/10	28 °C
927902884066	MASTER PL-S 13W/840/2P 1CT/10	-	927936086565	MASTER PL-S 9W/865/2P 1CT/10	-
927902886566	MASTER PL-S 13W/865/2P 1CT/10	-	927936482765	MASTER PL-S 11W/827/2P 1CT/10	28 °C
927935682765	MASTER PL-S 7W/827/2P 1CT/10	28 °C	927936484065	MASTER PL-S 11W/840/2P 1CT/10	28 °C
927935684065	MASTER PL-S 7W/840/2P 1CT/10	28 °C	927936486565	MASTER PL-S 11W/865/2P 1CT/10	-
927936082765	MASTER PL-S 9W/827/2P 1CT/10	28 °C	927936083011	MASTER PL-S 9W/830/2P 1CT/5X10BOX	28 °C

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