



MASTER PL-S 4 Pin

MASTER PL-S 9W/827/4P 1CT

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.

Product data

• General Characteristics

| | |
|--------------------------------|----------|
| Cap-Base | 2G7 |
| Cap-Base Information | 4P |
| Life to 50% failures EM | 10000 hr |
| Life to 50% fail Preheat EL,3h | 13000 hr |
| Life to 50% fail Nonpreh EL,3h | 7000 hr |
| Life to 10% fail Nonpreh EL,3h | 4500 hr |
| Life to 10% fail Preheat EL,3h | 8000 hr |
| Life to 10% failures EM | 6500 hr |
| LSF HF Preheat 16000h Rated,3h | 30 % |
| LSF HF Preheat 12000h Rated,3h | 66 % |
| LSF HF Preheat 8000h Rated,3h | 92 % |
| LSF HF Preheat 6000h Rated,3h | 97 % |
| LSF HF Preheat 4000h Rated,3h | 98 % |
| LSF HF Preheat 2000h Rated,3h | 99 % |

• Light Technical Characteristics

| | |
|--------------------------|--------------------|
| Color Code | 827 [CCT of 2700K] |
| Color Rendering Index | 82 Ra8 |
| Color Designation (text) | Incandescent White |
| Color Temperature | 2700 K |

| | |
|--------------------------------|---------|
| Chromaticity Coordinate X | 455 - |
| Chromaticity Coordinate Y | 417 - |
| Lum Efficacy Rated EM 25°C | 73 Lm/W |
| LLMF HF 12000h Rated | 86 % |
| LLMF HF 8000h Rated | 88 % |
| LLMF HF 6000h Rated | 90 % |
| LLMF HF 4000h Rated | 92 % |
| LLMF HF 2000h Rated | 95 % |
| Luminous Flux EM 25°C, Rated | 583 Lm |
| Luminous Flux EL 25°C, Rated | 583 Lm |
| Luminous Flux EL 25°C, Nominal | 600 Lm |
| Luminous Flux EM 25°C, Nominal | 600 Lm |
| Design Temperature | 28 C |

• Electrical Characteristics

| | |
|----------------------|---------|
| Lamp Wattage | 9 W |
| Lamp Voltage EL 25°C | 60 V |
| Lamp Current EL 25°C | 0.170 A |
| Dimmable | Yes |
| Lamp Current EM 25°C | 0.170 A |



MASTER PL-S 4 Pin

| | |
|----------------------------------|-------|
| Lamp Wattage EM 25°C, Rated | 8.6 W |
| Lamp Wattage EL 25°C, Rated | 8.0 W |
| Lamp Wattage EL 25°C, Nominal | 9 W |
| Lamp Wattage EM 25°C, Nominal | 9 W |
| Lamp Voltage EM 25°C | 60 V |

• Environmental Characteristics

| | |
|----------------------------------|--------|
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content | 1.4 mg |

• Product Dimensions

| | |
|-----------------------------|----------------|
| Base Face to Base Face A | 128 (max) mm |
| Insertion Length B | 145 (max) mm |
| Overall Length C | 151.1 (max) mm |

| | |
|-------------|-------------|
| Diameter D | 28 (max) mm |
| Diameter D1 | 13 (max) mm |

• Product Data

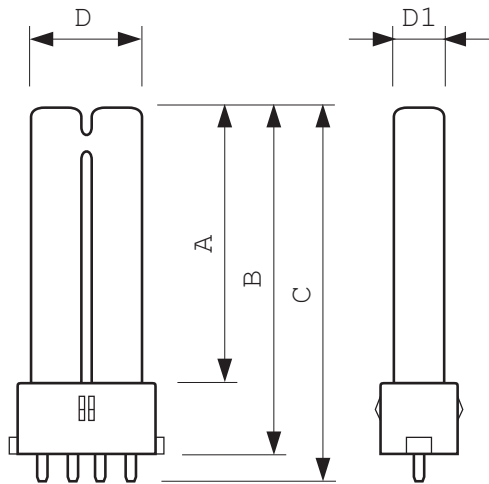
| | |
|---|---------------------------------------|
| Order code | 927936282711 |
| Full product code | 927936282711 |
| Full product name | MASTER PL-S 9W/827/4P 1CT |
| Order product name | MASTER PL-S 9W/827/4P 1CT/ 5X10BOX |
| Pieces per pack | 1 |
| Packing configuration | 5X10CC |
| Packs per outerbox | 50 |
| Bar code on pack - EAN1 | 8711500260901 |
| Bar code on inter- mediate packing - EAN2 | 8711500260918 |
| Bar code on outerbox - EAN3 | 8711500260925 |
| Logistic code(s) - 12NC | 927936282711 |
| ILCOS code | FSD-9/27/1B-E-2G7 |
| Net weight per piece | 30.000 gr |

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

Dimensional drawing

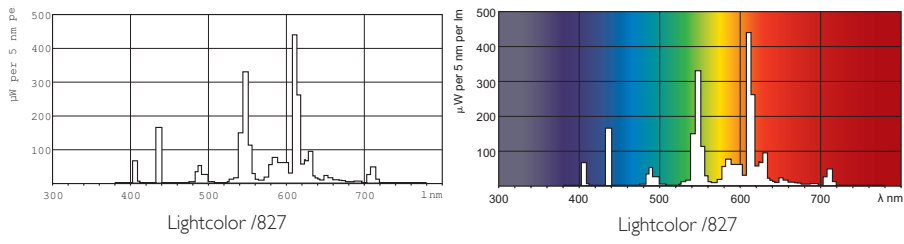


2G7

2G7, 4P

| Product | A (Max) | B (Max) | C (Max) | D (Max) | D1 (Max) |
|-------------------|---------|---------|---------|---------|----------|
| PL-S 9W/827/4P LM | 128 | 145 | 151.1 | 28 | 13 |

Photometric data



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2012, April 10
data subject to change