



# MASTER PL-S 4 Pin

## MASTER PL-S 7W/840/4P 1CT/5X10BOX

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.

### 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.

### Product data

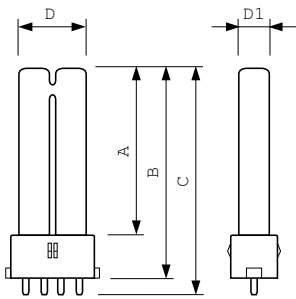
| General information                 |                           | Colour designation                  |                 |
|-------------------------------------|---------------------------|-------------------------------------|-----------------|
| Cap base                            | 2G7 [ 2G7]                | Colour designation                  | Cool White (CW) |
| Life to 50% failures preheat (nom.) | 13000 h                   | Chromaticity coordinate X (nom.)    | 0.38            |
| LSF preheat 2,000 hours rated       | 99 %                      | Chromaticity coordinate Y (nom.)    | 0.38            |
| LSF preheat 4,000 hours rated       | 98 %                      | Correlated Colour Temperature (Nom) | 4000 K          |
| LSF preheat 6,000 hours rated       | 97 %                      | Luminous efficacy (rated) (nom.)    | 62 lm/W         |
| LSF preheat 8,000 hours rated       | 92 %                      | Colour rendering index (nom.)       | 80              |
| LSF preheat 16,000 hours rated      | 30 %                      | LLMF 2000 h Rated                   | 95 %            |
|                                     | Sphere                    | LLMF 4000 h Rated                   | 92 %            |
|                                     |                           | LLMF 6000 h Rated                   | 90 %            |
|                                     |                           | LLMF 8000 h Rated                   | 88 %            |
|                                     |                           | LLMF 12000 h Rated                  | 86 %            |
| Light technical                     |                           | Operating and electrical            |                 |
| Colour Code                         | 841 [ CCT of 4100K (841)] | Power (Rated) (Nom)                 | 7.2 W           |
| Luminous flux (nom.)                | 400 lm                    |                                     |                 |
| Luminous flux (rated) (nom.)        | 405 lm                    |                                     |                 |

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|                                    |         |
|------------------------------------|---------|
| Lamp current (nom.)                | 0.175 A |
| <b>Temperature</b>                 |         |
| Design temperature (nom.)          | 28 °C   |
| <b>Controls and dimming</b>        |         |
| Dimmable                           | Yes     |
| <b>Mechanical and housing</b>      |         |
| Cap-base information               | 4P      |
| <b>Approval and application</b>    |         |
| Energy Efficiency Class            | G       |
| Mercury (Hg) content (max.)        | 1.4 mg  |
| Mercury (Hg) content (nom.)        | 1.4 mg  |
| Energy consumption kWh/1,000 hours | 8 kWh   |

|                                   |                                   |
|-----------------------------------|-----------------------------------|
|                                   | 423587                            |
| <b>Product data</b>               |                                   |
| Full product code                 | 871150026076570                   |
| Order product name                | MASTER PL-S 7W/840/4P 1CT/5X10BOX |
| EAN/UPC – product                 | 8711500260765                     |
| Order code                        | 26076570                          |
| SAP numerator – quantity per pack | 1                                 |
| Local code description            | 4923623                           |
| Numerator – packs per outer box   | 50                                |
| SAP material                      | 927935884011                      |
| Net Weight (Piece)                | 24.000 g                          |
| ILCOS code                        | FSD-7/40/1B-E-2G7                 |

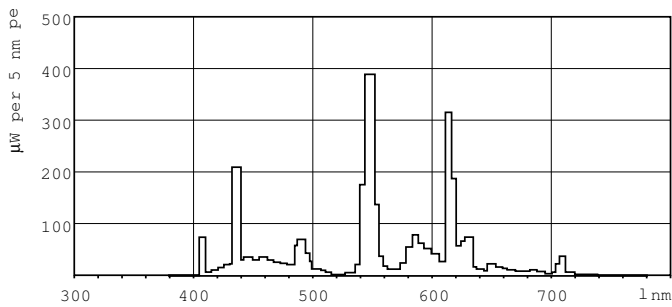
## Dimensional drawing



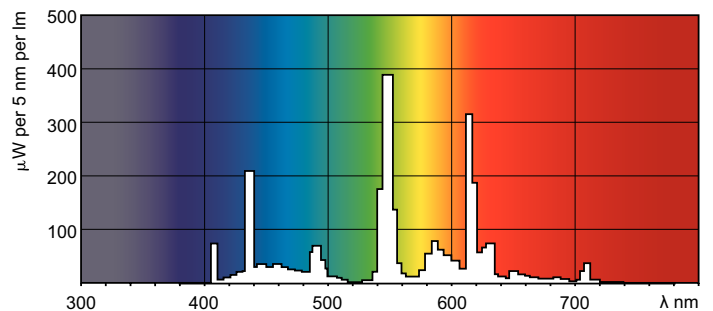
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| Product                           | D (max) | D1 (max) | A (max) | B (max) | C (max)  |
|-----------------------------------|---------|----------|---------|---------|----------|
| MASTER PL-S 7W/840/4P 1CT/5X10BOX | 28 mm   | 13 mm    | 96 mm   | 113 mm  | 119.1 mm |

## Photometric data



LDPB\_PLS4PLM\_840-Spectral power distribution B/W



Lightcolour /840

# MASTER PL-S 4 Pin

## Lifetime



LDLE\_PLS4PLM\_0001-Life expectancy diagram

LDLE\_PLS4PLM\_0002-Life expectancy diagram



LDLM\_PLS4PLM\_0001-Lumen maintenance diagram

