

# MASTER PL-L 4 Pin

## MASTER PL-L 18W/827/4P 1CT/25

MASTER PL-L is a medium to high-wattage linear compact fluorescent lamp, typically used for general-illumination ceiling luminaires in retail, hospitality and office applications demanding higher lighting levels. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. It is designed for operation on electromagnetic as well as electronic HF control gear and is provided with a plug-in/pull-out lamp base.

## Product data

### • General Information

| | |
|---|---|
| Cap base | 2G11 [ 2G11] |
| Life to 10% failures (nom.) | 10000 h |
| Life to 50% failures (nom.) | 15000 h |
| Life to 50% failures preheat (nom.) | 20000 h |
| System description | na [ -] |
| LSF 2000 h Rated | 99 % |
| LSF 4000 h Rated | 98 % |
| LSF 6000 h Rated | 96 % |
| LSF 8000 h Rated | 94 % |
| LSF 12000 h Rated | 80 % |
| LSF Preheat 2000 h Rated | 99 % |
| LSF Preheat 4000 h Rated | 99 % |
| LSF Preheat 6000 h Rated | 98 % |
| LSF Preheat 8000 h Rated | 97 % |
| LSF Preheat 16000 h Rated | 82 % |
| LSF Preheat 20000 h Rated | 50 % |

### • Light Technical

| | |
|---|---|
| Luminous flux (nom.) | 1200 lm |
| Luminous flux (rated) (nom.) | 1200 lm |
| Colour designation | Incandescent White |
| Chromaticity coordinate X (nom.) | 465 |
| Chromaticity coordinate Y (nom.) | 420 |
| Correlated colour temperature (nom.) | 2700 K |
| Luminous efficacy (rated) (nom.) | 67 lm/W |
| Color rendering index (nom.) | 82 |
| LLMF 2000 h Rated | 94 % |
| LLMF 4000 h Rated | 93 % |
| LLMF 6000 h Rated | 92 % |
| LLMF 8000 h Rated | 91 % |
| LLMF 12000 h Rated | 90 % |
| LLMF 16000 h Rated | 90 % |
| LLMF 20000 h Rated | 90 % |

### • Operating and Electrical

| | |
|---|---|
| Power (Rated) (Nom) | 18.0 W |
| Lamp current (nom.) | 0.375 A |

### • Temperature

| | |
|---|---|
| Design temperature (nom.) | 30 °C |

### • Controls and Dimming

| | |
|---|---|
| Dimmable | Yes |

### • Mechanical and Housing

| | |
|---|---|
| Cap base information | 4P |

### • Approval and Application

| | |
|---|---|
| Energy efficiency label (EEL) | A |

PHILIPS

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| | |
|---|---|
| Mercury (Hg) content (nom.) | 2.0 mg |
| Energy Consumption kWh/1000 h | 20 kWh |

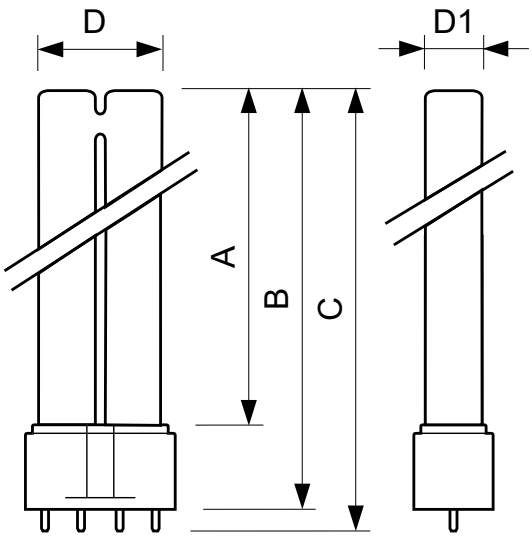
- Product Data

| | |
|---|---|
| Full product code | 871150070667640 |
| Order product name | MASTER PL-L 18W/827/4P 1CT/25 |
| EAN/UPC – product | 8711500706676 |
| Order code | 70667640 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 25 |
| Material no. (12NC) | 927903008270 |
| Net weight (piece) | 60.900 g |
| ILCOS Code | FSD-18/27/1B-E-2G11 |

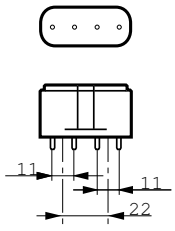
## Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied 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.

## Dimensional drawing



2G11, 4P

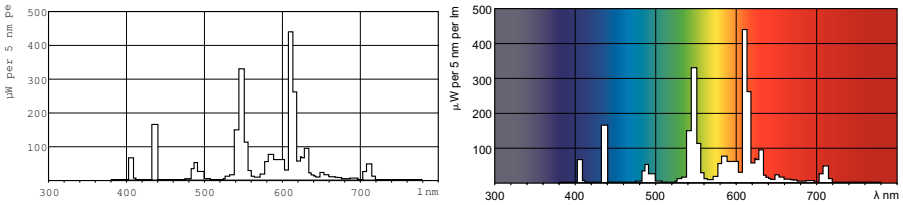



PL-L 18W/827/4P

| Product | D | D1 | A | B | C |
|---|---|---|---|---|---|
| MASTER PL-L 18W/827/4P 1CT/25 | 39.0 mm | 18.0 mm | 194.2 mm | 220 mm | 226.6 mm |

# MASTER PL-L 4 Pin

## Photometric data

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2016, August 4
data subject to change