



# MASTER PL-L 4 Pin



## MASTER PL-L 24W/827/4P 1CT/25

Energy-saving compact fluorescent lamps Compact long-arc low-pressure mercury discharge lamp Envelope consists of 2 parallel fluorescent tubes

### 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.

### 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 %         |

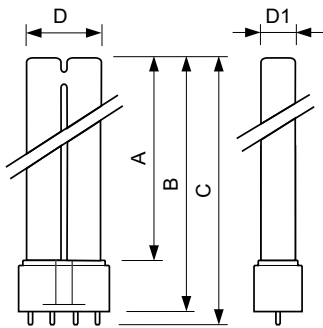
| Flux measurement reference           | Sphere              |
|--------------------------------------|---------------------|
| Light Technical                      |                     |
| Colour Code                          | 827 [ CCT of 2700K] |
| Luminous Flux (Nom)                  | 1800 lm             |
| Luminous Flux (Rated) (Nom)          | 1800 lm             |
| Colour Designation                   | Incandescent White  |
| Chromaticity Coordinate X (Nom)      | 0.463               |
| Chromaticity Coordinate Y (Nom)      | 0.42                |
| Colour Temperature, horizontal (Nom) | 2700 K              |
| Luminous Efficacy (rated) (Nom)      | 75 lm/W             |
| Colour Rendering Index horiz (Nom)   | 82                  |
| Depreciation 2000 hrs                | 94 %                |
| LLMF 4000 h Rated                    | 93 %                |
| Depreciation 5000 hrs                | 92 %                |
| LLMF 8000 h Rated                    | 91 %                |
| LLMF 12000 h Rated                   | 90 %                |

# MASTER PL-L 4 Pin

|                                 |         |
|---------------------------------|---------|
| LLMF 16000 h Rated              | 90 %    |
| LLMF 20000 h Rated              | 90 %    |
| <b>Operating and Electrical</b> |         |
| Power (Rated) (Nom)             | 24.2 W  |
| Lamp Current (Nom)              | 0.345 A |
| <b>Temperature</b>              |         |
| Design Temperature (Nom)        | 30 °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)      | 2 mg                          |
| Mercury (Hg) Content (Nom)      | 2.0 mg                        |
| Energy Consumption kWh/1000 h   | 25 kWh                        |
| EPREL Registration Number       | 423265                        |
| <b>Product Data</b>             |                               |
| Full product code               | 871150070670640               |
| Order product name              | MASTER PL-L 24W/827/4P 1CT/25 |
| EAN/UPC - Product               | 8711500706706                 |
| Order code                      | 70670640                      |
| Numerator - Quantity Per Pack   | 1                             |
| Numerator - Packs per outer box | 25                            |
| Material Nr. (12NC)             | 927903208270                  |
| Net Weight (Piece)              | 82.000 g                      |
| ILCOS Code                      | FSD-24/27/1B-E-2G11           |

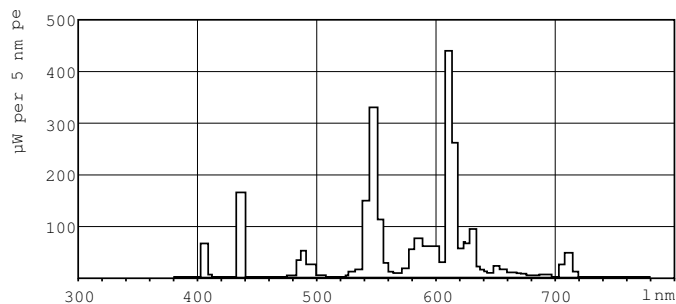
## Dimensional drawing



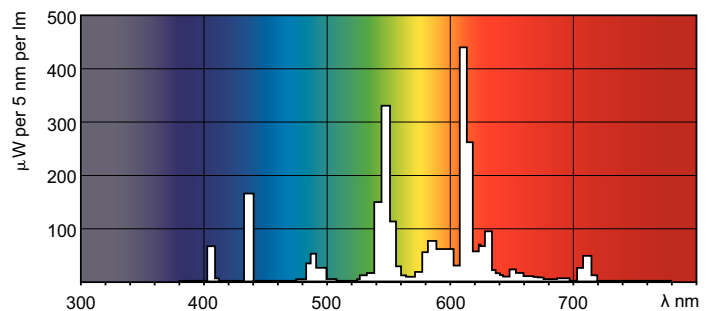
PL-L 24W/827/4P

| Product                          | D (max) | D1 (max) | A (max)  | B (max) | C (max)  |
|----------------------------------|---------|----------|----------|---------|----------|
| MASTER PL-L 24W/827/4P<br>1CT/25 | 39.0 mm | 18.0 mm  | 289.2 mm | 315 mm  | 321.6 mm |

## Photometric data



Lightcolour /827



Lightcolour /827

## MASTER PL-L 4 Pin

