



# MASTER PL-L 4 Pin



## MASTER PL-L 36W/865/4P 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.

### 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] | LSF Preheat 4000 h Rated    | 99 %                |
| Life To 10% Failures (Nom)         | 10000 h      | LSF Preheat 6000 h Rated    | 98 %                |
| Life to 50% Failures (Nom)         | 15000 h      | LSF Preheat 8000 h Rated    | 97 %                |
| Life to 50% Failures Preheat (Nom) | 20000 h      | LSF Preheat 16000 h Rated   | 82 %                |
| System Description                 | -            | LSF Preheat 20000 h Rated   | 50 %                |
| LSF 2000 h Rated                   | 99 %         | Flux measurement reference  | Sphere              |
| LSF 4000 h Rated                   | 98 %         |                             |                     |
| LSF 6000 h Rated                   | 96 %         | Light technical             |                     |
| LSF 8000 h Rated                   | 94 %         | Color Code                  | 865 [ CCT of 6500K] |
| LSF 12000 h Rated                  | 80 %         | Luminous Flux (Nom)         | 2800 lm             |
| LSF Preheat 2000 h Rated           | 99 %         | Luminous Flux (Rated) (Nom) | 2880 lm             |
|                                    |              | Color Designation           | Cool Daylight       |

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|                                    |         |
|------------------------------------|---------|
| Chromaticity Coordinate X (Nom)    | 0.313   |
| Chromaticity Coordinate Y (Nom)    | 0.337   |
| Correlated Color Temperature (Nom) | 6500 K  |
| Luminous Efficacy (rated) (Nom)    | 80 lm/W |
| Color Rendering Index (Nom)        | 80      |
| LLMF 2000 h Rated                  | 93 %    |
| LLMF 4000 h Rated                  | 91 %    |
| LLMF 6000 h Rated                  | 90 %    |
| LLMF 8000 h Rated                  | 89 %    |
| LLMF 12000 h Rated                 | 87 %    |
| LLMF 16000 h Rated                 | 88 %    |
| LLMF 20000 h Rated                 | 87 %    |

## Operating and electrical

|                    |         |
|--------------------|---------|
| Power (Nom)        | 36.3 W  |
| Lamp Current (Nom) | 0.435 A |

## Temperature

|                          |       |
|--------------------------|-------|
| Design Temperature (Nom) | 30 °C |
|--------------------------|-------|

## Controls and dimming

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

## Mechanical and housing

|                      |        |
|----------------------|--------|
| Cap-Base Information | 4 Pins |
|----------------------|--------|

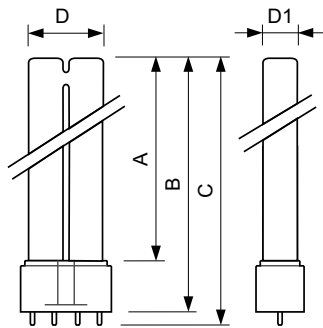
## Approval and application

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Class       | G      |
| Mercury (Hg) Content (Max)    | 2 mg   |
| Mercury (Hg) Content (Nom)    | 2.0 mg |
| Energy Consumption kWh/1000 h | 37 kWh |
| EPREL Registration Number     | 423272 |

## Product data

|                                 |                               |
|---------------------------------|-------------------------------|
| Full product code               | 871150063520440               |
| Order product name              | MASTER PL-L 36W/865/4P 1CT/25 |
| EAN/UPC - Product               | 8711500635204                 |
| Order code                      | 927903486570                  |
| Numerator - Quantity Per Pack   | 1                             |
| Numerator - Packs per outer box | 25                            |
| Material Nr. (12NC)             | 927903486570                  |
| Net Weight (Piece)              | 104.000 g                     |
| ILCOS Code                      | FSD-36/65/1B-E-2G11           |

## Dimensional drawing

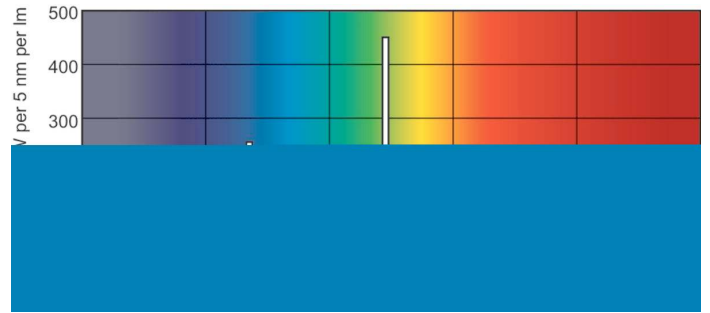


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| Product                       | D (max) | D1 (max) | A (max)  | B (max) | C (max)  |
|-------------------------------|---------|----------|----------|---------|----------|
| MASTER PL-L 36W/865/4P 1CT/25 | 39.0 mm | 18.0 mm  | 384.2 mm | 410 mm  | 416.6 mm |

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## Photometric data



LDPB\_PLL4P\_865-Spectral power distribution B/W

LDPO\_PLL4P\_865-Spectral power distribution Colour

