



# MASTER PL-C 2 Pin

## MASTER PL-C 18W/865/2P 1CT/5X10BOX

MASTER PL-C is an efficient medium-wattage compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. The 2-pin version is designed for operation on electromagnetic gear and is provided with a plug-in/pull-out lamp base.

### Product data

| General Information                |                     |
|------------------------------------|---------------------|
| Cap-Base                           | G24D-2 [ G24d-2]    |
| Life To 10% Failures (Nom)         | 6500 h              |
| Life To 50% Failures (Nom)         | 10000 h             |
| LSF 2000 h Rated                   | 99 %                |
| LSF 4000 h Rated                   | 98 %                |
| LSF 6000 h Rated                   | 92 %                |
| LSF 8000 h Rated                   | 78 %                |
| Light Technical                    |                     |
| Color Code                         | 865 [ CCT of 6500K] |
| Luminous Flux (Nom)                | 1200 lm             |
| Luminous Flux (Rated) (Nom)        | 1120 lm             |
| Color Designation                  | Cool Daylight       |
| Chromaticity Coordinate X (Nom)    | 313                 |
| Chromaticity Coordinate Y (Nom)    | 337                 |
| Correlated Color Temperature (Nom) | 6500 K              |
| Luminous Efficacy (rated) (Nom)    | 67 lm/W             |
| Color Rendering Index (Nom)        | 82                  |
| LLMF 2000 h Rated                  | 90 %                |
| LLMF 4000 h Rated                  | 85 %                |

| LLMF 6000 h Rated             | 81 %    |
|-------------------------------|---------|
| LLMF 8000 h Rated             | 77 %    |
| Operating and Electrical      |         |
| Power (Rated) (Nom)           | 17.9 W  |
| Lamp Current (Nom)            | 0.230 A |
| Temperature                   |         |
| Design Temperature (Nom)      | 28 °C   |
| Controls and Dimming          |         |
| Dimmable                      | No      |
| Mechanical and Housing        |         |
| Cap-Base Information          | 2 Pins  |
| Approval and Application      |         |
| Energy Efficiency Label (EEL) | B       |
| Mercury (Hg) Content (Nom)    | 1.4 mg  |
| Energy Consumption kWh/1000 h | 22 kWh  |

# MASTER PL-C 2 Pin

## Product Data

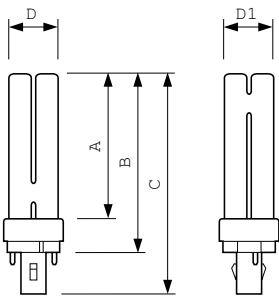
|                               |                                    |
|-------------------------------|------------------------------------|
| Full product code             | 87115006352730                     |
| Order product name            | MASTER PL-C 18W/865/2P 1CT/5X10BOX |
| EAN/UPC - Product             | 8711500635273                      |
| Order code                    | 927905786540                       |
| Numerator - Quantity Per Pack | 1                                  |

|                                 |                       |
|---------------------------------|-----------------------|
| Numerator - Packs per outer box | 50                    |
| Material Nr. (12NC)             | 927905786540          |
| Net Weight (Piece)              | 57.800 g              |
| ILCOS Code                      | FSQ-18/65/1B-I-G24d=2 |

## Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position
- Dimming is not possible
- 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.

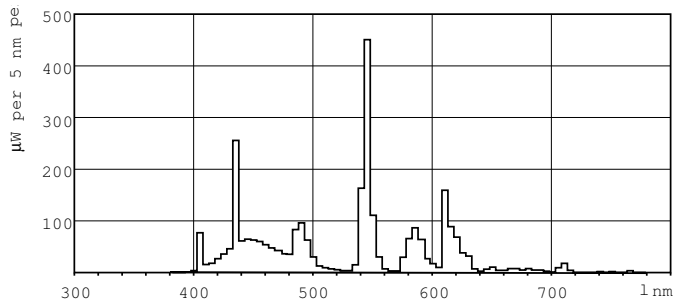
## Dimensional drawing



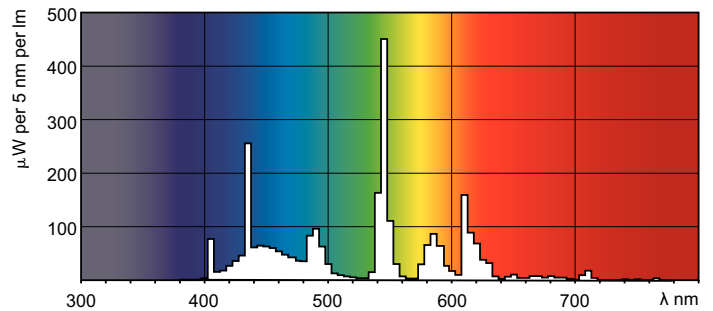
PL-C 18W/865/2P

| Product                               | D (max) | D1 (max) | A (max)  | B (max)  | C (max)  |
|---------------------------------------|---------|----------|----------|----------|----------|
| MASTER PL-C 18W/865/2P<br>1CT/5X10BOX | 27.1 mm | 27.1 mm  | 109.5 mm | 128.0 mm | 150.4 mm |

## Photometric data



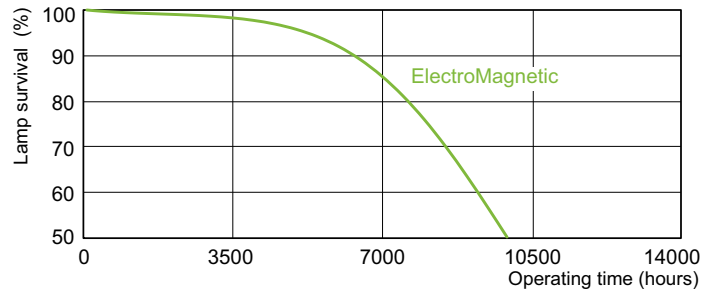
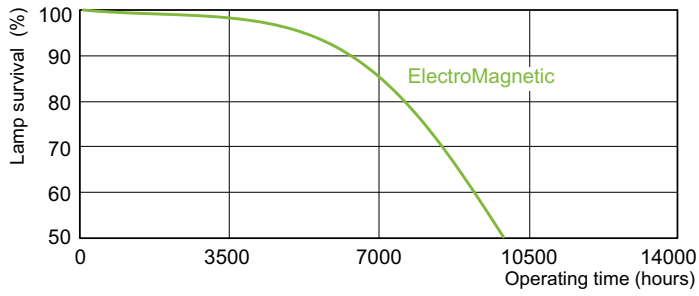
Lightcolor /865



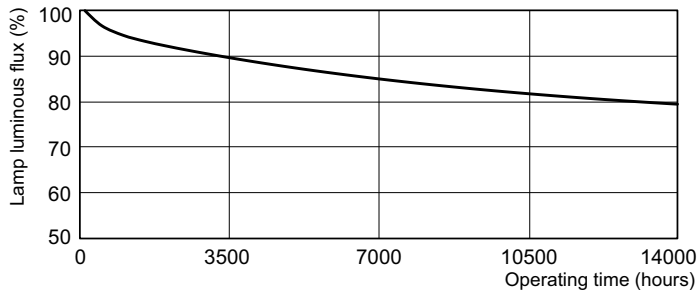
Lightcolor /865

# MASTER PL-C 2 Pin

## Lifetime



### Life Expectancy 3 h cycle



### Life Expectancy 12 h cycle

### Lumen Maintenance 3h + 12 h cycle

