



# MASTER PL-C 4 Pin

## MASTER PL-C 18W/840/4P 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 4-pin version is designed for operation on electronic HF control gear with integrated pre-heat 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                |                     |
|------------------------------------|---------------------|
| Cap-Base                           | G24Q-2 [ G24q-2]    |
| Life to 50% Failures Preheat (Nom) | 13000 h             |
| LSF Preheat 2000 h Rated           | 99 %                |
| LSF Preheat 4000 h Rated           | 98 %                |
| LSF Preheat 6000 h Rated           | 97 %                |
| LSF Preheat 8000 h Rated           | 90 %                |
| Light Technical                    |                     |
| Color Code                         | 840 [ CCT of 4000K] |
| Luminous Flux (Nom)                | 1200 lm             |
| Luminous Flux (Rated) (Nom)        | 1200 lm             |
| Color Designation                  | Cool White (CW)     |

| Correlated Color Temperature (Nom) | 4000 K  |
|------------------------------------|---------|
| Luminous Efficacy (rated) (Nom)    | 67 lm/W |
| Color Rendering Index (Nom)        | 82      |
| LLMF 2000 h Rated                  | 92 %    |
| LLMF 4000 h Rated                  | 87 %    |
| LLMF 6000 h Rated                  | 83 %    |
| LLMF 8000 h Rated                  | 81 %    |
| Operating and Electrical           |         |
| Power (Nom)                        | 18.0 W  |
| Lamp Current (Nom)                 | 0.230 A |

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## Temperature

|                          |       |
|--------------------------|-------|
| Design Temperature (Nom) | 28 °C |
|--------------------------|-------|

## Controls and Dimming

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

## Mechanical and Housing

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

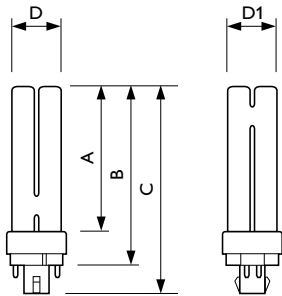
## Approval and Application

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A      |
| Mercury (Hg) Content (Nom)    | 1.4 mg |
| Energy Consumption kWh/1000 h | 20 kWh |

## Product Data

|                                 |                                    |
|---------------------------------|------------------------------------|
| Full product code               | 871150062334870                    |
| Order product name              | MASTER PL-C 18W/840/4P 1CT/5X10BOX |
| EAN/UPC - Product               | 8711500623348                      |
| Order code                      | 927907284040                       |
| Numerator - Quantity Per Pack   | 1                                  |
| Numerator - Packs per outer box | 50                                 |
| Material Nr. (12NC)             | 927907284040                       |
| Net Weight (Piece)              | 55.300 g                           |
| ILCOS Code                      | FSQ-18/40/1B-E-G24q=2              |

## Dimensional drawing

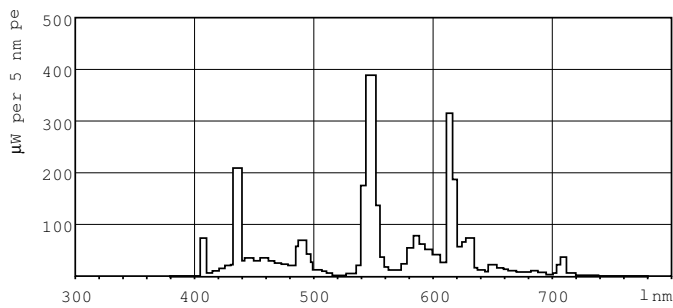


PL-C 18W/840/4P

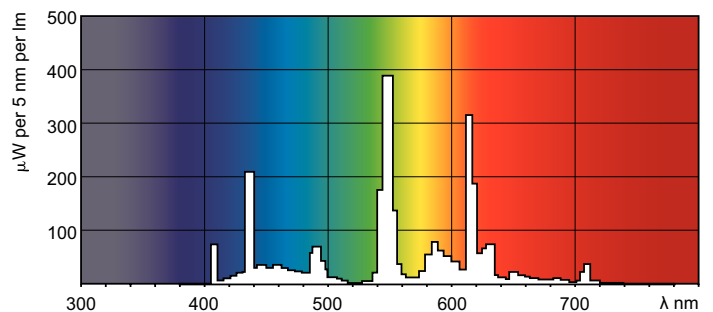
## Product

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## Photometric data



LDPB\_PLC4P\_840-Spectral power distribution B/W



LDPO\_PLC4P\_840-Spectral power distribution Colour

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## Lifetime



LDLE\_PLC4P\_0001-Life expectancy diagram

LDLE\_PLC4P\_0002-Life expectancy diagram



LDLM\_PLC4P\_0001-Lumen maintenance diagram

