



# MASTER PL-C Xtra 4 Pin



## MASTER PL-C Xtra 18W/840/4P 1CT/5X10BOX

MASTER PL-C Xtra is an efficient compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications. MASTER PL-C Xtra lamps furthermore provide significantly lower operating costs thanks to their lifetime, which is more than double that of a standard MASTER PL-C lamp, and their very low early failure rate. 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) | 33000 h          |
| LSF Preheat 2000 h Rated           | 99 %             |
| LSF Preheat 4000 h Rated           | 98 %             |
| LSF Preheat 6000 h Rated           | 97 %             |
| LSF Preheat 8000 h Rated           | 96 %             |
| LSF Preheat 16000 h Rated          | 94 %             |

| LSF Preheat 20000 h Rated   | 90 %                |
|-----------------------------|---------------------|
| Flux measurement reference  | Sphere              |
| Light technical             |                     |
| Color Code                  | 840 [ CCT of 4000K] |
| Luminous Flux (Nom)         | 1200 lm             |
| Luminous Flux (Rated) (Nom) | 1200 lm             |
| Color Designation           | Cool White (CW)     |

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|                                    |         |
|------------------------------------|---------|
| Chromaticity Coordinate X (Nom)    | 0.38    |
| Chromaticity Coordinate Y (Nom)    | 0.38    |
| Correlated Color Temperature (Nom) | 4000 K  |
| Luminous Efficacy (rated) (Nom)    | 67 lm/W |
| Color Rendering Index (Nom)        | 80      |
| LLMF 2000 h Rated                  | 92 %    |
| LLMF 4000 h Rated                  | 88 %    |
| LLMF 6000 h Rated                  | 86 %    |
| LLMF 8000 h Rated                  | 84 %    |
| LLMF 12000 h Rated                 | 81 %    |
| LLMF 16000 h Rated                 | 79 %    |
| LLMF 20000 h Rated                 | 78 %    |

## Operating and electrical

|                    |         |
|--------------------|---------|
| Power (Nom)        | 18.4 W  |
| Lamp Current (Nom) | 0.220 A |

## Temperature

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

## Controls and dimming

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

## Mechanical and housing

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

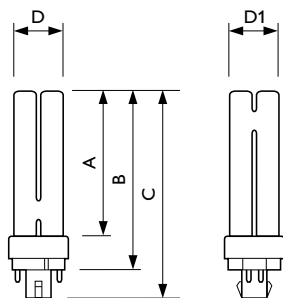
## Approval and application

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Class       | G      |
| Mercury (Hg) Content (Max)    | 3 mg   |
| Mercury (Hg) Content (Nom)    | 3.0 mg |
| Energy Consumption kWh/1000 h | 19 kWh |
| EPREL Registration Number     | 423295 |

## Product data

|                                 |   |
|---------------------------------|---|
| Full product code               | 871150095036970                         |
| Order product name              | MASTER PL-C Xtra 18W/840/4P 1CT/5X10BOX |
| EAN/UPC - Product               | 8711500950369                           |
| Order code                      | 927906584014                            |
| Numerator - Quantity Per Pack   | 1                                       |
| Numerator - Packs per outer box | 50                                      |
| Material Nr. (12NC)             | 927906584014                            |
| Copy Net Weight (Piece)         | 55.300 g                                |
| ILCOS Code                      | FSQ-18/40/1B-E-G24q=2                   |

## Dimensional drawing

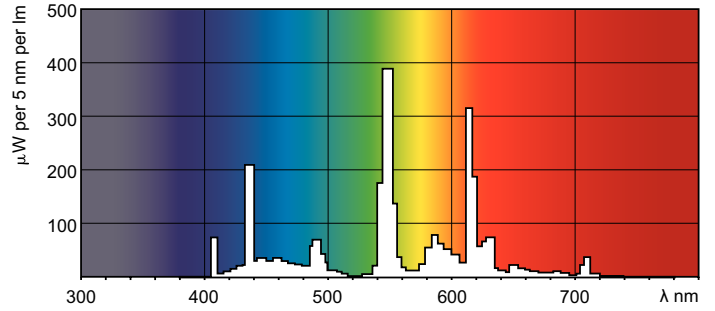


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| Product                                     | D (max) | D1 (max) | A (max)  | B (max)  | C (max)  |
|---|---------|----------|----------|----------|----------|
| MASTER PL-C Xtra 18W/<br>840/4P 1CT/5X10BOX | 27.1 mm | 27.1 mm  | 109.7 mm | 128.0 mm | 142.9 mm |

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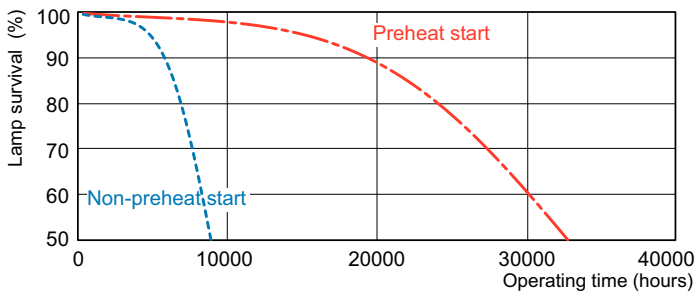
## Photometric data



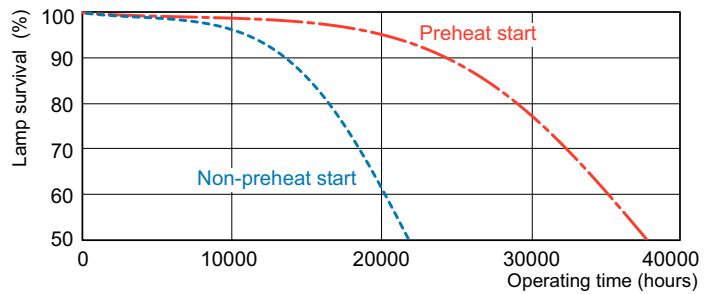
LDPB\_PLC4PLTG\_840-Spectral power distribution B/W

LDPO\_PLC4PLTG\_840-Spectral power distribution Colour

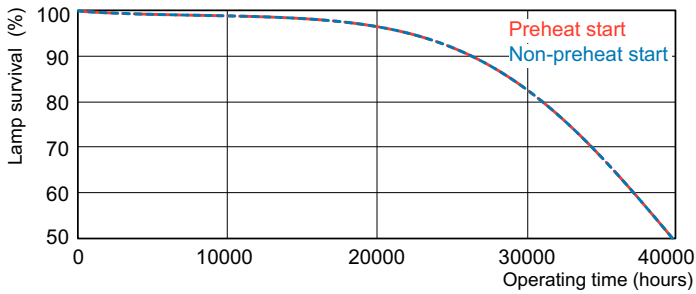
## Lifetime



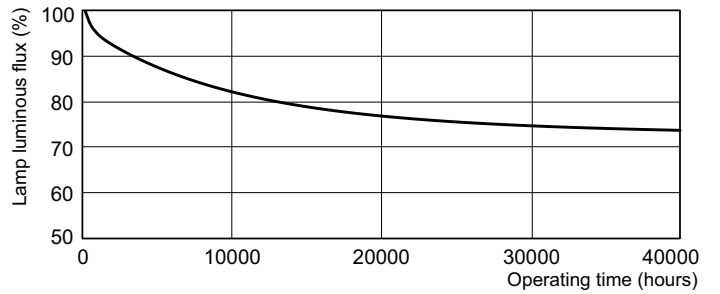
LDLE\_PLC4PLTG\_0001-Life expectancy diagram



LDLE\_PLC4PLTG\_0002-Life expectancy diagram



LDLE\_PLC4PLTG\_0003-Life expectancy diagram



LDLM\_PLC4PLTG\_0001-Lumen maintenance diagram

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