



# MASTER PL-C 2 Pin

## MASTER PL-C 13W/827/2P 1CT

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 Characteristics

|                              |          |
|------------------------------|----------|
| Cap-Base                     | G24d-1   |
| Cap-Base Information         | 2P       |
| Life to 10% failures EM      | 6500 hr  |
| Life to 50% failures EM      | 10000 hr |
| LSF EM 2000h Rated, 3h cycle | 99 %     |
| LSF EM 4000h Rated, 3h cycle | 98 %     |
| LSF EM 6000h Rated, 3h cycle | 92 %     |
| LSF EM 8000h Rated, 3h cycle | 78 %     |

#### • Light Technical Characteristics

|                                |                    |
|--------------------------------|--------------------|
| Color Code                     | 827 [CCT of 2700K] |
| Color Rendering Index          | 83 Ra8             |
| Color Designation (text)       | Incandescent White |
| Color Temperature              | 2700 K             |
| Luminous Flux EM 25°C, Rated   | 900 Lm             |
| Luminous Flux EM 25°C, Nominal | 900 Lm             |
| Lum Efficacy Rated EM 25°C     | 67 Lm/W            |
| LLMF EM 2000h Rated            | 92 %               |
| LLMF EM 4000h Rated            | 87 %               |
| LLMF EM 6000h Rated            | 84 %               |

|                           |       |
|---------------------------|-------|
| LLMF EM 8000h Rated       | 81 %  |
| Design Temperature        | 28 C  |
| Chromaticity Coordinate X | 463 - |
| Chromaticity Coordinate Y | 420 - |

#### • Electrical Characteristics

|                               |         |
|-------------------------------|---------|
| Lamp Wattage                  | 13 W    |
| Lamp Wattage EM 25°C, Nominal | 13 W    |
| Lamp Wattage EM 25°C, Rated   | 13.4 W  |
| Lamp Voltage EM 25°C          | 95 V    |
| Lamp Current EM 25°C          | 0.170 A |
| Dimmable                      | No      |

#### • Environmental Characteristics

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A      |
| Mercury (Hg) Content          | 1.4 mg |
| Energy consumption kWh/1000h  | 17 kWh |

#### • Product Dimensions

|                          |                |
|--------------------------|----------------|
| Base Face to Base Face A | 97.7 (max) mm  |
| Insertion Length B       | 116.0 (max) mm |
| Overall Length C         | 138.4 (max) mm |
| Diameter D               | 27.1 (max) mm  |



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Diameter D1 27.1 (max) mm

• **Product Data**

Order code 927904882740  
 Full product code 927904882740  
 Full product name MASTER PL-C 13W/827/2P 1CT  
 Order product name MASTER PL-C 13W/827/2P 1CT/  
 5X10CC  
 Pieces per pack 1  
 Packing configuration 5X10CC  
 Packs per outerbox 50

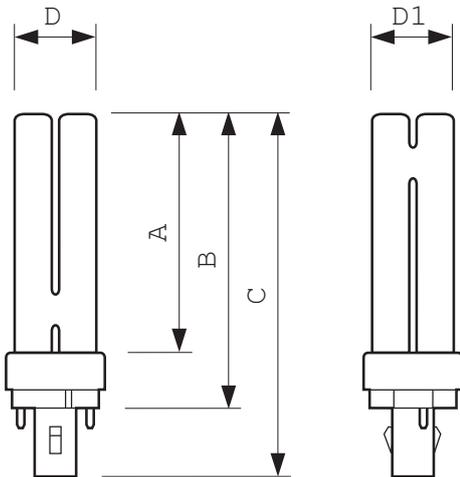
Bar code on pack - EAN1 8711500620811  
 Bar code on intermediate packing - EAN2 8711500621023  
 Bar code on outerbox - EAN3 8711500715647  
 Logistic code(s) - 12NC 927904882740  
 ILCOS code FSQ-13/27/1B-I-G24d=1  
 Net weight per piece 53.600 gr

## 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

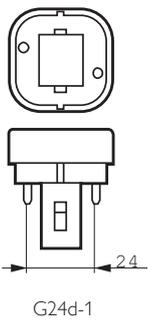
- Dimming is not possible

## Dimensional drawing

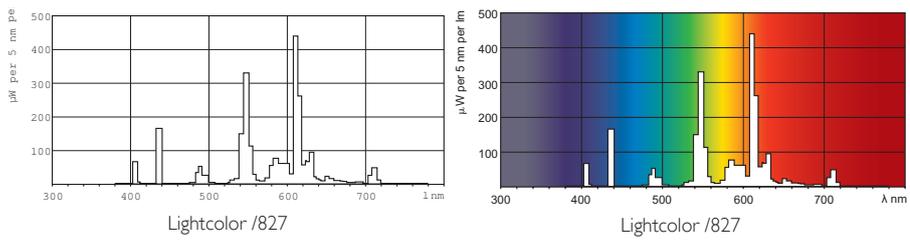


### MASTER PL-C 13W/827/2P 1CT

| Product         | A (Max) | B (Max) | C (Max) | D (Max) | D1 (Max) |
|-----------------|---------|---------|---------|---------|----------|
| PL-C 13W/827/2P | 97.7    | 116.0   | 138.4   | 27.1    | 27.1     |



Photometric data



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data subject to change