



# MASTER PL-S 2 Pin

MASTER PL-S 5W/840/2P 1CT

MASTER PL-S is an efficient low-wattage compact fluorescent lamp, typically used for decorative and orientation purposes. 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                     | G23 [Two-Pin Compact Fluorescent; low preheat current; two retainers] |
| 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 | 95 %  |
| LSF EM 8000h Rated, 3h cycle | 86 %  |

### • Light Technical Characteristics

|                                |                    |
|--------------------------------|--------------------|
| Color Code                     | 840 [CCT of 4000K] |
| Color Rendering Index          | 82 Ra8             |
| Color Designation (text)       | Cool White         |
| Color Temperature              | 4000 K             |
| Luminous Flux EM 25°C, Rated   | 259 Lm             |
| Luminous Flux EM 25°C, Nominal | 250 Lm             |
| Lum Efficacy Rated EM 25°C     | 48 Lm/W            |
| LLMF EM 2000h Rated            | 89 %               |
| LLMF EM 4000h Rated            | 83 %               |
| LLMF EM 6000h Rated            | 80 %               |

|                           |       |
|---------------------------|-------|
| LLMF EM 8000h Rated       | 77 %  |
| Design Temperature        | 28 C  |
| Chromaticity Coordinate X | 381 - |
| Chromaticity Coordinate Y | 379 - |

### • Electrical Characteristics

|                               |         |
|-------------------------------|---------|
| Lamp Wattage                  | 5 W     |
| Lamp Wattage EM 25°C, Nominal | 5 W     |
| Lamp Wattage EM 25°C, Rated   | 5.4 W   |
| Lamp Voltage EM 25°C          | 35 V    |
| Lamp Current EM 25°C          | 0.180 A |
| Dimmable                      | No      |

### • Environmental Characteristics

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | B      |
| Mercury (Hg) Content          | 1.4 mg |
| Energy consumption kWh/1000h  | 7 kWh  |

### • Product Dimensions

|                          |              |
|--------------------------|--------------|
| Base Face to Base Face A | 67 (max) mm  |
| Insertion Length B       | 83 (max) mm  |
| Overall Length C         | 105 (max) mm |
| Diameter D               | 28 (max) mm  |



# MASTER PL-S 2 Pin

Diameter D1 13 (max) mm

• **Product Data**

Order code 927935284011  
 Full product code 927935284011  
 Full product name MASTER PL-S 5W/840/2P 1CT  
 Order product name MASTER PL-S 5W/840/2P 1CT/  
 5X10BOX  
 Pieces per pack 1  
 Packing configuration 5X10CC  
 Packs per outerbox 50

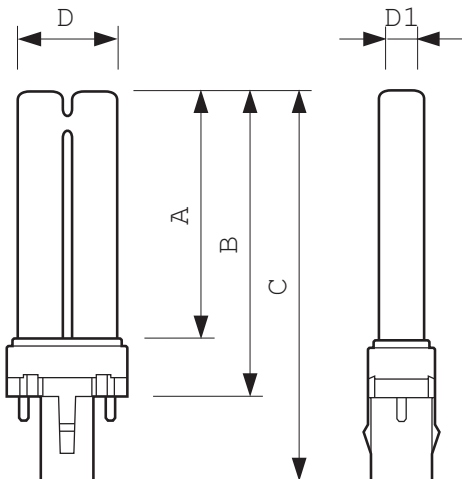
Bar code on pack - EAN1 8711500260482  
 Bar code on intermediate packing - EAN2 8711500260499  
 Bar code on outerbox - EAN3 8711500260505  
 Logistic code(s) - 12NC 927935284011  
 ILCOS code FSD-5/40/1B-I-G23  
 Net weight per piece 22.000 gr

## 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

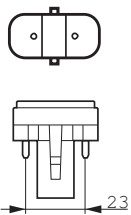
- Dimming is not possible

## Dimensional drawing



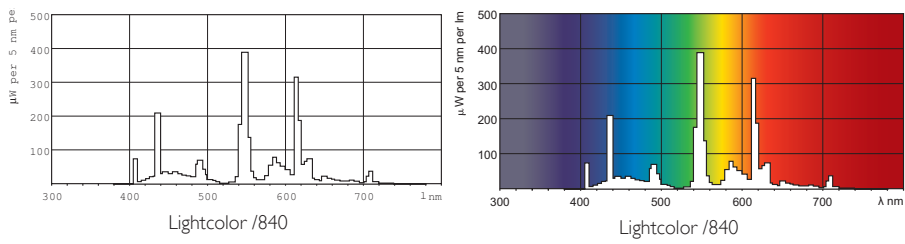
### MASTER PL-S 5W/840/2P 1CT

| Product           | A (Max) | B (Max) | C (Max) | D (Max) | D1 (Max) |
|-------------------|---------|---------|---------|---------|----------|
| PL-S 5W/840/2P LM | 67      | 83      | 105     | 28      | 13       |



G23

Photometric data



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data subject to change