



MASTER PL-C ^{SHOP220} 2 Pin

MASTER PL-C 18W/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-2 |
| 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 | 82 Ra8 |
| Color Designation (text) | Incandescent White |
| Color Temperature | 2700 K |
| Luminous Flux EM 25°C, Rated | 1200 Lm |
| Luminous Flux EM 25°C, Nominal | 1200 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 | 18 W |
| Lamp Wattage EM 25°C, Nominal | 18 W |
| Lamp Wattage EM 25°C, Rated | 17.9 W |
| Lamp Voltage EM 25°C | 95 V |
| Lamp Current EM 25°C | 0.230 A |
| Dimmable | No |

• Environmental Characteristics

| | |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | B |
| Mercury (Hg) Content | 1.4 mg |

• Product Dimensions

| | |
|--------------------------|----------------|
| Base Face to Base Face A | 109.7 (max) mm |
| Insertion Length B | 128.0 (max) mm |
| Overall Length C | 150.4 (max) mm |
| Diameter D | 27.1 (max) mm |
| Diameter D1 | 27.1 (max) mm |



MASTER PL-C 2 Pin

• Product Data

Order code 927905782701
Full product code 927905782701
Full product name MASTER PL-C 18W/827/2P 1CT
Order product name MASTER PL-C 18W/827/2P 1CT/
5X10CC
Pieces per pack 1
Packing configuration 5X10CC
Packs per outerbox 50
Bar code on pack - EAN1 8711500620880

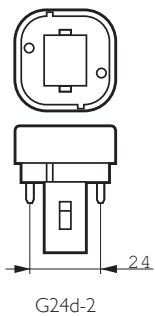
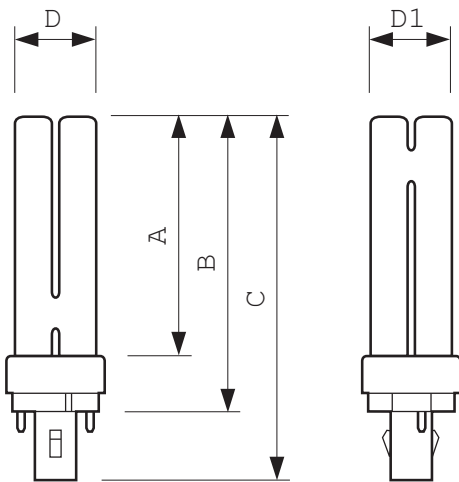
Bar code on intermediate packing - EAN2 8711500621146
Bar code on outerbox - EAN3 8711500621153
Logistic code(s) - 12NC 927905782701
ILCOS code FSQ-18/27/1B-I-G24d=2
Net weight per piece 0.069 kg

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

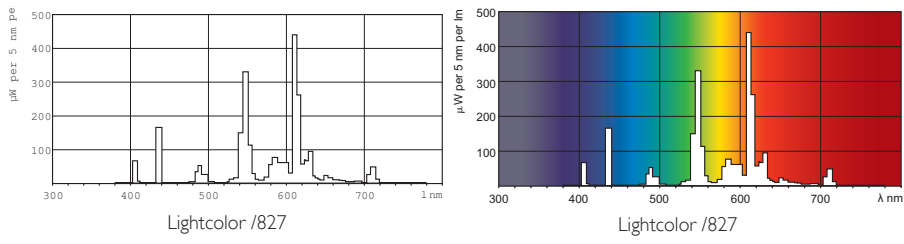
Dimensional drawing



PL-C ALTO 18W/827/2P 1CT

| Product | A (Max) | B (Max) | C (Max) | D (Max) | D1 (Max) |
|-----------------|---------|---------|---------|---------|----------|
| PL-C 18W/827/2P | 109.7 | 128.0 | 150.4 | 27.1 | 27.1 |

Photometric data



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data subject to change