



10-15% more efficient!

MASTER PL-C 2 Pin

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.

Benefits

- Optimal light performance for short or long operation per switch-on
- Multiple light color choice
- Good color rendering (CRI >80)

Features

- 2-pin base with a housing incorporating the special instant starter
- Fluorescent tri-phosphor technology
- Low light depreciation over lamp life

Application

- Designed for general or supplementary lighting in professional or home environments
- Recessed or surface-mounted downlighters, wall units, table lamps and pendant lamps

MASTER PL-C 2 Pin

Versions



10W, G24d-1, 2P



13W, G24d-1, 2P

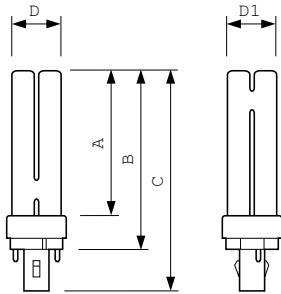


18W, G24d-2, 2P



26W, G24d-3, 2P

Dimensional drawing



| Product | D (max) | D1 (max) | A (max) | B (max) | C (max) |
|---------------------------------------|---------|----------|----------|----------|----------|
| MASTER PL-C 10W/827/2P 1CT/5X10BOX | 27.1 mm | 27.1 mm | 75.5 mm | 95.0 mm | 117.4 mm |
| MASTER PL-C 26W/865/2P 1CT/5X10BOX | 27.1 mm | 27.1 mm | 130.5 mm | 149.0 mm | 171.4 mm |
| MASTER PL-C 18W/840/2P 1CT/5X10BOX | 27.1 mm | 27.1 mm | 109.5 mm | 128.0 mm | 150.4 mm |
| MASTER PL-C 13W/840/2P 1CT/5X10BOX | 27.1 mm | 27.1 mm | 97.5 mm | 117.0 mm | 139.4 mm |
| MASTER PL-C 18W/827/2P 1CT/5X10BOX | 27.1 mm | 27.1 mm | 109.5 mm | 128.0 mm | 150.4 mm |
| MASTER PL-C 13W/827/2P 1CT/5X10BOX | 27.1 mm | 27.1 mm | 97.5 mm | 117.0 mm | 139.4 mm |

Approval and Application

Mercury (Hg) Content (Nom) 1.4 mg

Controls and Dimming

Dimmable No

General Information

Life To 10% Failures (Nom) 6500 h
 Life To 50% Failures (Nom) 10000 h
 LSF 2000 h Rated 99 %
 LSF 4000 h Rated 98 %
 LSF 6000 h Rated 92 %
 LSF 8000 h Rated 78 %

Temperature

Design Temperature (Nom) 28 °C

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/ 1000 h | Energy Efficiency Label (EEL) |
|--------------|------------------------------------|-----------------------------------|----------------------------------|
| 927903882740 | MASTER PL-C 10W/827/2P 1CT/5X10BOX | 13 kWh | B |
| 927904882740 | MASTER PL-C 13W/827/2P 1CT/5X10BOX | 17 kWh | A |
| 927904884040 | MASTER PL-C 13W/840/2P 1CT/5X10BOX | 17 kWh | A |
| 927905782740 | MASTER PL-C 18W/827/2P 1CT/5X10BOX | 22 kWh | B |
| 927905784040 | MASTER PL-C 18W/840/2P 1CT/5X10BOX | 22 kWh | B |
| 927906186540 | MASTER PL-C 26W/865/2P 1CT/5X10BOX | 32 kWh | B |

Operating and Electrical

MASTER PL-C 2 Pin

| Order Code | Full Product Name | Lamp Current (Nom) | Power (Rated) (Nom) |
|--------------|------------------------------------|--------------------|---------------------|
| 927903882740 | MASTER PL-C 10W/827/2P 1CT/5X10BOX | 0.190 A | 10.0 W |
| 927904882740 | MASTER PL-C 13W/827/2P 1CT/5X10BOX | 0.170 A | 13.4 W |
| 927904884040 | MASTER PL-C 13W/840/2P 1CT/5X10BOX | 0.170 A | 13.4 W |

| Order Code | Full Product Name | Lamp Current (Nom) | Power (Rated) (Nom) |
|--------------|------------------------------------|--------------------|---------------------|
| 927905782740 | MASTER PL-C 18W/827/2P 1CT/5X10BOX | 0.230 A | 17.9 W |
| 927905784040 | MASTER PL-C 18W/840/2P 1CT/5X10BOX | 0.230 A | 17.9 W |
| 927906186540 | MASTER PL-C 26W/865/2P 1CT/5X10BOX | 0.335 A | 26.5 W |

General Information

| Order Code | Full Product Name | Cap-Base |
|--------------|------------------------------------|----------|
| 927903882740 | MASTER PL-C 10W/827/2P 1CT/5X10BOX | G24D-1 |
| 927904882740 | MASTER PL-C 13W/827/2P 1CT/5X10BOX | G24D-1 |
| 927904884040 | MASTER PL-C 13W/840/2P 1CT/5X10BOX | G24D-1 |

| Order Code | Full Product Name | Cap-Base |
|--------------|------------------------------------|----------|
| 927905782740 | MASTER PL-C 18W/827/2P 1CT/5X10BOX | G24D-2 |
| 927905784040 | MASTER PL-C 18W/840/2P 1CT/5X10BOX | G24D-2 |
| 927906186540 | MASTER PL-C 26W/865/2P 1CT/5X10BOX | G24D-3 |

Light Technical (1/2)

| Order Code | Full Product Name | Color Code | Color Designation | Correlated Color Temperature (Nom) | Color Rendering Index (Nom) |
|--------------|------------------------------------|------------|--------------------|------------------------------------|-----------------------------|
| 927903882740 | MASTER PL-C 10W/827/2P 1CT/5X10BOX | 827 | Incandescent White | 2700 K | >80 |
| 927904882740 | MASTER PL-C 13W/827/2P 1CT/5X10BOX | 827 | Incandescent White | 2700 K | 83 |
| 927904884040 | MASTER PL-C 13W/840/2P 1CT/5X10BOX | 841 | Cool White (CW) | 4000 K | 82 |

| Order Code | Full Product Name | Color Code | Color Designation | Correlated Color Temperature (Nom) | Color Rendering Index (Nom) |
|--------------|------------------------------------|------------|--------------------|------------------------------------|-----------------------------|
| 927905782740 | MASTER PL-C 18W/827/2P 1CT/5X10BOX | 827 | Incandescent White | 2700 K | 82 |
| 927905784040 | MASTER PL-C 18W/840/2P 1CT/5X10BOX | 841 | Cool White (CW) | 4000 K | 82 |
| 927906186540 | MASTER PL-C 26W/865/2P 1CT/5X10BOX | 865 | Cool Daylight | 6500 K | 80 |

Light Technical (2/2)

| Order Code | Full Product Name | LLMF 2000 h Rated | LLMF 4000 h Rated | LLMF 6000 h Rated | LLMF 8000 h Rated | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) | Luminous Flux (Rated) (Nom) |
|--------------|------------------------------------|-------------------|-------------------|-------------------|-------------------|---------------------------------|---------------------|-----------------------------|
| 927903882740 | MASTER PL-C 10W/827/2P 1CT/5X10BOX | 92 % | 87 % | 83 % | 81 % | 60 lm/W | 600 lm | 600 lm |
| 927904882740 | MASTER PL-C 13W/827/2P 1CT/5X10BOX | 92 % | 87 % | 83 % | 81 % | 69 lm/W | 925 lm | 925 lm |
| 927904884040 | MASTER PL-C 13W/840/2P 1CT/5X10BOX | 92 % | 87 % | 83 % | 81 % | 69 lm/W | 925 lm | 925 lm |
| 927905782740 | MASTER PL-C 18W/827/2P 1CT/5X10BOX | 92 % | 87 % | 83 % | 81 % | 67 lm/W | 1200 lm | 1200 lm |
| 927905784040 | MASTER PL-C 18W/840/2P 1CT/5X10BOX | 92 % | 87 % | 83 % | 81 % | 67 lm/W | 1200 lm | 1200 lm |
| 927906186540 | MASTER PL-C 26W/865/2P 1CT/5X10BOX | 90 % | 85 % | 81 % | 77 % | 66 lm/W | 1740 lm | 1740 lm |

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