



10-15% more efficient!

MASTER PL-C 4 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 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.

Benefits

- Optimal light performance for short or long operation per switch-on
- Multiple light color choice
- Good color rendering (CRI >80)
- Dimming possible down to 10%

Features

- 4-pin base
- 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

Warnings and Safety

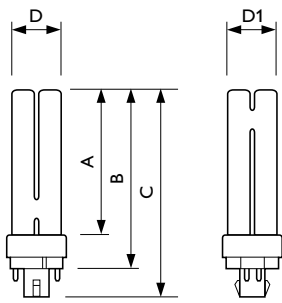
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- A lamp breaking is extremely unlikely to 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.

MASTER PL-C 4 Pin

Versions



Dimensional drawing



Product

| |
|------------------------------------|
| MASTER PL-C 13W/830/4P 1CT/5X10BOX |
| MASTER PL-C 10W/830/4P 1CT/5X10BOX |
| MASTER PL-C 18W/840/4P 1CT/5X10BOX |
| MASTER PL-C 10W/840/4P 1CT/5X10BOX |
| MASTER PL-C 26W/827/4P 1CT/5X10BOX |
| MASTER PL-C 13W/840/4P 1CT/5X10BOX |
| MASTER PL-C 13W/827/4P 1CT/5X10BOX |
| MASTER PL-C 26W/865/4P 1CT/5X10BOX |
| MASTER PL-C 18W/830/4P 1CT/5X10BOX |
| MASTER PL-C 26W/830/4P 1CT/5X10BOX |
| MASTER PL-C 18W/827/4P 1CT/5X10BOX |
| MASTER PL-C 26W/840/4P 1CT/5X10BOX |

Approval and Application

| | |
|----------------------------|--------|
| Mercury (Hg) Content (Nom) | 1.4 mg |
|----------------------------|--------|

Controls and Dimming

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

General Information

| | |
|------------------------------------|---------|
| Life To 50% Failures Preheat (Nom) | 13000 h |
| LSF Preheat 2000 h Rated | 99 % |
| LSF Preheat 4000 h Rated | 98 % |
| LSF Preheat 6000 h Rated | 97 % |
| LSF Preheat 8000 h Rated | 90 % |

Temperature

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

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 | Energy Efficiency |
|------------|------------------------------------|-----------------------------|-------------------|
| | | h | Label (EEL) |
| 62329470 | MASTER PL-C 10W/830/4P 1CT/5X10BOX | 11 kWh | A |
| 62330070 | MASTER PL-C 10W/840/4P 1CT/5X10BOX | 11 kWh | A |
| 62326370 | MASTER PL-C 13W/827/4P 1CT/5X10BOX | 15 kWh | A |
| 62331770 | MASTER PL-C 13W/830/4P 1CT/5X10BOX | 15 kWh | A |
| 62332470 | MASTER PL-C 13W/840/4P 1CT/5X10BOX | 15 kWh | A |
| 62327070 | MASTER PL-C 18W/827/4P 1CT/5X10BOX | 20 kWh | A |
| 62333170 | MASTER PL-C 18W/830/4P 1CT/5X10BOX | 20 kWh | A |
| 62334870 | MASTER PL-C 18W/840/4P 1CT/5X10BOX | 20 kWh | A |
| 62328770 | MASTER PL-C 26W/827/4P 1CT/5X10BOX | 29 kWh | A |
| 62335570 | MASTER PL-C 26W/830/4P 1CT/5X10BOX | 29 kWh | A |
| 62336270 | MASTER PL-C 26W/840/4P 1CT/5X10BOX | 29 kWh | A |
| 27705300 | MASTER PL-C 26W/865/4P 1CT/5X10BOX | 29 kWh | B |

Operating and Electrical

MASTER PL-C 4 Pin

| Order Code | Full Product Name | Lamp Current (Nom) | Power (Rated) (Nom) |
|------------|------------------------------------|--------------------|---------------------|
| 62329470 | MASTER PL-C 10W/830/4P 1CT/5X10BOX | 0.190 A | 10.0 W |
| 62330070 | MASTER PL-C 10W/840/4P 1CT/5X10BOX | 0.190 A | 10.0 W |
| 62326370 | MASTER PL-C 13W/827/4P 1CT/5X10BOX | 0.170 A | 13.0 W |
| 62331770 | MASTER PL-C 13W/830/4P 1CT/5X10BOX | 0.170 A | 13.0 W |
| 62332470 | MASTER PL-C 13W/840/4P 1CT/5X10BOX | 0.170 A | 13.0 W |
| 62327070 | MASTER PL-C 18W/827/4P 1CT/5X10BOX | 0.230 A | 16.5 W |

| Order Code | Full Product Name | Lamp Current (Nom) | Power (Rated) (Nom) |
|------------|-------------------------------------|--------------------|---------------------|
| 62333170 | MASTER PL-C 18W/830/4P 1CT/5X10BOX. | 0.230 A | 16.5 W |
| 62334870 | MASTER PL-C 18W/840/4P 1CT/5X10BOX | 0.230 A | 18.0 W |
| 62328770 | MASTER PL-C 26W/827/4P 1CT/5X10BOX | 0.335 A | 26.0 W |
| 62335570 | MASTER PL-C 26W/830/4P 1CT/5X10BOX | 0.335 A | 26.0 W |
| 62336270 | MASTER PL-C 26W/840/4P 1CT/5X10BOX | 0.335 A | 26.0 W |
| 27705300 | MASTER PL-C 26W/865/4P 1CT/5X10BOX | 0.335 A | 26.0 W |

General Information

| Order Code | Full Product Name | Cap-Base |
|------------|------------------------------------|----------|
| 62329470 | MASTER PL-C 10W/830/4P 1CT/5X10BOX | G24Q-1 |
| 62330070 | MASTER PL-C 10W/840/4P 1CT/5X10BOX | G24Q-1 |
| 62326370 | MASTER PL-C 13W/827/4P 1CT/5X10BOX | G24Q-1 |
| 62331770 | MASTER PL-C 13W/830/4P 1CT/5X10BOX | G24Q-1 |
| 62332470 | MASTER PL-C 13W/840/4P 1CT/5X10BOX | G24Q-1 |
| 62327070 | MASTER PL-C 18W/827/4P 1CT/5X10BOX | G24Q-2 |

| Order Code | Full Product Name | Cap-Base |
|------------|-------------------------------------|----------|
| 62333170 | MASTER PL-C 18W/830/4P 1CT/5X10BOX. | G24Q-2 |
| 62334870 | MASTER PL-C 18W/840/4P 1CT/5X10BOX | G24Q-2 |
| 62328770 | MASTER PL-C 26W/827/4P 1CT/5X10BOX | G24Q-3 |
| 62335570 | MASTER PL-C 26W/830/4P 1CT/5X10BOX | G24Q-3 |
| 62336270 | MASTER PL-C 26W/840/4P 1CT/5X10BOX | G24Q-3 |
| 27705300 | MASTER PL-C 26W/865/4P 1CT/5X10BOX | G24Q-3 |

Light Technical (1/2)

| Order Code | Full Product Name | Colour Code | Colour Designation | Correlated Colour Temperature (Nom) | Colour Rendering Index (Nom) |
|------------|------------------------------------|-------------|--------------------|-------------------------------------|------------------------------|
| 62329470 | MASTER PL-C 10W/830/4P 1CT/5X10BOX | 830 | Warm White (WW) | 3000 K | 82 |
| 62330070 | MASTER PL-C 10W/840/4P 1CT/5X10BOX | 841 | Cool White (CW) | 4000 K | 82 |
| 62326370 | MASTER PL-C 13W/827/4P 1CT/5X10BOX | 827 | Incandescent White | 2700 K | 82 |
| 62331770 | MASTER PL-C 13W/830/4P 1CT/5X10BOX | 830 | Warm White (WW) | 3000 K | 82 |
| 62332470 | MASTER PL-C 13W/840/4P 1CT/5X10BOX | 841 | Cool White (CW) | 4000 K | 82 |
| 62327070 | MASTER PL-C 18W/827/4P 1CT/5X10BOX | 827 | Incandescent White | 2700 K | 82 |

| Order Code | Full Product Name | Colour Code | Colour Designation | Correlated Colour Temperature (Nom) | Colour Rendering Index (Nom) |
|------------|-------------------------------------|-------------|--------------------|-------------------------------------|------------------------------|
| 62333170 | MASTER PL-C 18W/830/4P 1CT/5X10BOX. | 830 | Warm White (WW) | 3000 K | 82 |
| 62334870 | MASTER PL-C 18W/840/4P 1CT/5X10BOX | 841 | Cool White (CW) | 4000 K | 82 |
| 62328770 | MASTER PL-C 26W/827/4P 1CT/5X10BOX | 827 | Incandescent White | 2700 K | 82 |
| 62335570 | MASTER PL-C 26W/830/4P 1CT/5X10BOX | 830 | Warm White (WW) | 3000 K | 82 |
| 62336270 | MASTER PL-C 26W/840/4P 1CT/5X10BOX | 841 | Cool White (CW) | 4000 K | 82 |
| 27705300 | MASTER PL-C 26W/865/4P 1CT/5X10BOX | 865 | Cool Daylight | 6500 K | 80 |

Light Technical (2/2)

MASTER PL-C 4 Pin

| Order Code | Full Product Name | LLMF | | | | | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) | Luminous Flux (Rated) (Nom) |
|------------|--|------------------|----------------------|----------------------|----------------------|----------------------|------------------------------------|------------------------|--------------------------------|
| | | 12000 h Rated | LLMF 2000 h Rated | LLMF 4000 h Rated | LLMF 6000 h Rated | LLMF 8000 h Rated | | | |
| 62329470 | MASTER PL-C 10W/830/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 60 lm/W | 600 lm | 600 lm |
| 62330070 | MASTER PL-C 10W/840/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 60 lm/W | 600 lm | 600 lm |
| 62326370 | MASTER PL-C 13W/827/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 69 lm/W | 925 lm | 925 lm |
| 62331770 | MASTER PL-C 13W/830/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 72 lm/W | 900 lm | 900 lm |
| 62332470 | MASTER PL-C 13W/840/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 69 lm/W | 925 lm | 925 lm |
| 62327070 | MASTER PL-C 18W/827/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 67 lm/W | 1200 lm | 1200 lm |
| 62333170 | MASTER PL-C 18W/830/4P 1CT/ 5X10BOX | 81 % | 92 % | 87 % | 83 % | 81 % | 67 lm/W | 1200 lm | 1200 lm |
| 62334870 | MASTER PL-C 18W/840/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 67 lm/W | 1200 lm | 1200 lm |
| 62328770 | MASTER PL-C 26W/827/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 67 lm/W | 1800 lm | 1800 lm |
| 62335570 | MASTER PL-C 26W/830/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 67 lm/W | 1800 lm | 1800 lm |
| 62336270 | MASTER PL-C 26W/840/4P 1CT/ 5X10BOX | - | 92 % | 87 % | 83 % | 81 % | 67 lm/W | 1800 lm | 1800 lm |
| 27705300 | MASTER PL-C 26W/865/4P 1CT/ 5X10BOX | - | 90 % | 85 % | 81 % | 77 % | 66 lm/W | 1740 lm | 1740 lm |

