



# 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

### 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
- 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 2 Pin

## Versions



### Approval and Application

Mercury (Hg) Content (Nom)	1.4 mg
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### Controls and Dimming

Dimmable	No
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### 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
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### Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	13 kWh	B
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	13 kWh	B
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	13 kWh	B
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	17 kWh	A
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	17 kWh	A
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	17 kWh	A
63523570	MASTER PL-C 13W/865/2P 1CT/5X10BOX	17 kWh	B
62088070	MASTER PL-C 18W/827/2P 1CT/5X10BOX	22 kWh	B
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	22 kWh	B
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	22 kWh	B
63527370	MASTER PL-C 18W/865/2P 1CT/5X10BOX	22 kWh	B
62095870	MASTER PL-C 26W/827/2P 1CT/5X10BOX	32 kWh	B
62098970	MASTER PL-C 26W/830 /2P 1CT/5X10BOX	32 kWh	B
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	32 kWh	B
63531070	MASTER PL-C 26W/865/2P 1CT/5X10BOX	32 kWh	B

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	0.190 A	10.0 W
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	0.190 A	10.0 W
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	0.190 A	10.0 W
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	0.170 A	13.4 W
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	0.170 A	13.4 W
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	0.170 A	13.4 W
63523570	MASTER PL-C 13W/865/2P 1CT/5X10BOX	0.170 A	13.4 W
62088070	MASTER PL-C 18W/827/2P 1CT/5X10BOX	0.230 A	17.9 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	0.230 A	17.9 W
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	0.230 A	17.9 W
63527370	MASTER PL-C 18W/865/2P 1CT/5X10BOX	0.230 A	17.9 W
62095870	MASTER PL-C 26W/827/2P 1CT/5X10BOX	0.335 A	26.5 W
62098970	MASTER PL-C 26W/830 /2P 1CT/5X10BOX	0.335 A	26.5 W
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	0.335 A	26.5 W
63531070	MASTER PL-C 26W/865/2P 1CT/5X10BOX	0.335 A	26.5 W

# MASTER PL-C 2 Pin

## General Information

Order Code	Full Product Name	Cap-Base
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	G24D-1
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	G24D-1
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	G24D-1
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	G24D-1
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	G24D-1
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	G24D-1
63523570	MASTER PL-C 13W/865/2P 1CT/5X10BOX	G24D-1
62088070	MASTER PL-C 18W/827/2P 1CT/5X10BOX	G24D-2

Order Code	Full Product Name	Cap-Base
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	G24D-2
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	G24D-2
63527370	MASTER PL-C 18W/865/2P 1CT/5X10BOX	G24D-2
62095870	MASTER PL-C 26W/827/2P 1CT/5X10BOX	G24D-3
62098970	MASTER PL-C 26W/830/2P 1CT/5X10BOX	G24D-3
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	G24D-3
63531070	MASTER PL-C 26W/865/2P 1CT/5X10BOX	G24D-3

## Light Technical (1/2)

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	827	Incandescent White	2700 K	>80
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	830	Warm White (WW)	3000 K	>80
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	841	Cool White (CW)	4000 K	82
62081170	MASTER PL-C 13W/827/2P 1CT/5X10BOX	827	Incandescent White	2700 K	83
62084270	MASTER PL-C 13W/830/2P 1CT/5X10BOX	830	Warm White (WW)	3000 K	82
62086670	MASTER PL-C 13W/840/2P 1CT/5X10BOX	841	Cool White (CW)	4000 K	82
63523570	MASTER PL-C 13W/865/2P 1CT/5X10BOX	865	Cool Daylight	6500 K	80
62088070	MASTER PL-C 18W/827/2P 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)
62091070	MASTER PL-C 18W/830/2P 1CT/5X10BOX	830	Warm White (WW)	3000 K	82
62093470	MASTER PL-C 18W/840/2P 1CT/5X10BOX	841	Cool White (CW)	4000 K	82
63527370	MASTER PL-C 18W/865/2P 1CT/5X10BOX	865	Cool Daylight	6500 K	82
62095870	MASTER PL-C 26W/827/2P 1CT/5X10BOX	827	Incandescent White	2700 K	82
62098970	MASTER PL-C 26W/830/2P 1CT/5X10BOX	830	Warm White (WW)	3000 K	82
62100970	MASTER PL-C 26W/840/2P 1CT/5X10BOX	841	Cool White (CW)	4000 K	82
63531070	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)
70681270	MASTER PL-C 10W/827/2P 1CT/5X10BOX	92 %	87 %	83 %	81 %	60 lm/W	600 lm	600 lm
70724670	MASTER PL-C 10W/830/2P 1CT/5X10BOX	92 %	87 %	83 %	81 %	60 lm/W	600 lm	600 lm
70498670	MASTER PL-C 10W/840/2P 1CT/5X10BOX	92 %	87 %	83 %	81 %	60 lm/W	600 lm	600 lm

## MASTER PL-C 2 Pin

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)
62081170	MASTER PL-C 13W/827/2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	69 lm/W	925 lm	925 lm
62084270	MASTER PL-C 13W/830/2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	69 lm/W	925 lm	925 lm
62086670	MASTER PL-C 13W/840/2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	69 lm/W	925 lm	925 lm
63523570	MASTER PL-C 13W/865/2P 1CT/ 5X10BOX	90 %	85 %	81 %	77 %	63 lm/W	845 lm	845 lm
62088070	MASTER PL-C 18W/827/2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	67 lm/W	1200 lm	1200 lm
62091070	MASTER PL-C 18W/830/2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	67 lm/W	1200 lm	1200 lm
62093470	MASTER PL-C 18W/840/2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	67 lm/W	1200 lm	1200 lm
63527370	MASTER PL-C 18W/865/2P 1CT/ 5X10BOX	90 %	85 %	81 %	77 %	67 lm/W	1200 lm	1120 lm
62095870	MASTER PL-C 26W/827/2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	68 lm/W	1800 lm	1800 lm
62098970	MASTER PL-C 26W/830 /2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	68 lm/W	1800 lm	1800 lm
62100970	MASTER PL-C 26W/840/2P 1CT/ 5X10BOX	92 %	87 %	83 %	81 %	68 lm/W	1800 lm	1800 lm
63531070	MASTER PL-C 26W/865/2P 1CT/ 5X10BOX	90 %	85 %	81 %	77 %	66 lm/W	1740 lm	1740 lm

