



# 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

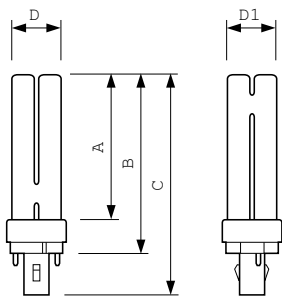
- Designed for general or supplementary lighting in professional or home environments
- Recessed or surface-mounted downlighters, wall units, table lamps and pendant lamps

# MASTER PL-C 2 Pin

## Versions



## Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
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 26W/ 840/2P 1CT/5X10BOX	27.1 mm	27.1 mm	130.5 mm	149.0 mm	171.4 mm
MASTER PL-C 26W/ 830/2P 1CT/5X10BOX	27.1 mm	27.1 mm	130.5 mm	149.0 mm	171.4 mm
MASTER PL-C 26W/827/2P 1CT/5X10BOX	27.1 mm	27.1 mm	130.5 mm	149.0 mm	171.4 mm
MASTER PL-C 18W/865/2P 1CT/5X10BOX	27.1 mm	27.1 mm	109.5 mm	128.0 mm	150.4 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 18W/ 830 /2P 1CT/5X10BOX	27.1 mm	27.1 mm	109.5 mm	128.0 mm	150.4 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/865/2P 1CT/5X10BOX	27.1 mm	27.1 mm	97.5 mm	117.0 mm	139.4 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 13W/830/2P 1CT/5X10BOX	27.1 mm	27.1 mm	97.5 mm	117.0 mm	139.4 mm
MASTER PL-C 13W/827/2P 1CT/5X10BOX	27.1 mm	27.1 mm	97.5 mm	117.0 mm	139.4 mm
MASTER PL-C 10W/840/2P 1CT/5X10BOX	27.1 mm	27.1 mm	75.5 mm	95.0 mm	117.4 mm
MASTER PL-C 10W/830/2P 1CT/5X10BOX	27.1 mm	27.1 mm	75.5 mm	95.0 mm	117.4 mm
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 2 Pin

## 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)
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

## 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)

## MASTER PL-C 2 Pin

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

### 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
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

## 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)
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

