



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

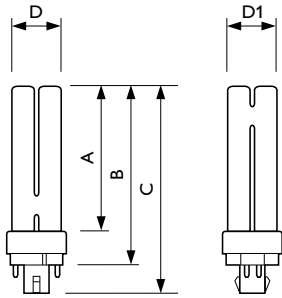
- Designed for general or supplementary lighting in professional or home environments
- Recessed or surface-mounted downlighters, wall units, table lamps and pendant lamps

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

Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C 10W/ 830/4P 1CT/5X10BOX	27.1 mm	27.1 mm	75.5 mm	95.0 mm	109.9 mm
MASTER PL-C 10W/ 840/4P 1CT/5X10BOX	27.1 mm	27.1 mm	75.5 mm	95.0 mm	109.9 mm
MASTER PL-C 13W/827/4P 1CT/5X10BOX	27.1 mm	27.1 mm	97.5 mm	117.0 mm	131.9 mm
MASTER PL-C 13W/830/4P 1CT/5X10BOX	27.1 mm	27.1 mm	97.5 mm	117.0 mm	131.9 mm
MASTER PL-C 13W/840/4P 1CT/5X10BOX	27.1 mm	27.1 mm	97.5 mm	117.0 mm	131.9 mm
MASTER PL-C 13W/865/4P 1CT/5X10BOX	27.1 mm	27.1 mm	97.5 mm	117.0 mm	131.9 mm
MASTER PL-C 18W/827/4P 1CT/5X10BOX	27.1 mm	27.1 mm	109.5 mm	128.0 mm	142.9 mm
MASTER PL-C 18W/830/4P 1CT/5X10BOX	27.1 mm	27.1 mm	109.5 mm	128.0 mm	142.9 mm
MASTER PL-C 18W/840/4P 1CT/5X10BOX	27.1 mm	27.1 mm	109.5 mm	128.0 mm	142.9 mm
MASTER PL-C 26W/827/4P 1CT/5X10BOX	27.1 mm	27.1 mm	130.5 mm	149.0 mm	163.9 mm
MASTER PL-C 26W/ 830/4P 1CT/5X10BOX	27.1 mm	27.1 mm	130.5 mm	149.0 mm	163.9 mm
MASTER PL-C 26W/ 840/4P 1CT/5X10BOX	27.1 mm	27.1 mm	130.5 mm	149.0 mm	163.9 mm
MASTER PL-C 26W/ 865/4P 1CT/5X10BOX	27.1 mm	27.1 mm	130.5 mm	149.0 mm	163.9 mm
MASTER PL-C 26W/ 865/4P 1CT/5X10BOX	27.1 mm	27.1 mm	130.5 mm	149.0 mm	163.9 mm

Approval and application

Mercury (Hg) Content (Nom)	1.4 mg
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Controls and dimming

Dimmable	Yes
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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
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Approval and application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Mercury (Hg) Content (Max)
62329470	MASTER PL-C 10W/830/4P 1CT/5X10BOX	11 kWh	1.4 mg
62330070	MASTER PL-C 10W/840/4P 1CT/5X10BOX	11 kWh	1.4 mg
62326370	MASTER PL-C 13W/827/4P 1CT/5X10BOX	14 kWh	1.4 mg
62331770	MASTER PL-C 13W/830/4P 1CT/5X10BOX	14 kWh	1.4 mg
62332470	MASTER PL-C 13W/840/4P 1CT/5X10BOX	14 kWh	1.4 mg
27703900	MASTER PL-C 13W/865/4P 1CT/5X10BOX	15 kWh	-
62327070	MASTER PL-C 18W/827/4P 1CT/5X10BOX	19 kWh	1.4 mg
62333170	MASTER PL-C 18W/830/4P 1CT/5X10BOX	19 kWh	1.4 mg
62334870	MASTER PL-C 18W/840/4P 1CT/5X10BOX	19 kWh	1.4 mg
62328770	MASTER PL-C 26W/827/4P 1CT/5X10BOX	28 kWh	1.4 mg
62335570	MASTER PL-C 26W/830/4P 1CT/5X10BOX	28 kWh	1.4 mg
62336270	MASTER PL-C 26W/840/4P 1CT/5X10BOX	28 kWh	1.4 mg
27705300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	29 kWh	-
60689300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	29 kWh	-

Operating and electrical

MASTER PL-C 4 Pin

Order Code	Full Product Name	Lamp Current	
		(Nom)	Power (Nom)
62329470	MASTER PL-C 10W/830/4P 1CT/ 5X10BOX	0.190 A	10.4 W
62330070	MASTER PL-C 10W/840/4P 1CT/ 5X10BOX	0.190 A	10.4 W
62326370	MASTER PL-C 13W/827/4P 1CT/5X10BOX	0.170 A	13.8 W
62331770	MASTER PL-C 13W/830/4P 1CT/ 5X10BOX	0.170 A	13.8 W
62332470	MASTER PL-C 13W/840/4P 1CT/ 5X10BOX	0.170 A	13.8 W
27703900	MASTER PL-C 13W/865/4P 1CT/ 5X10BOX	0.170 A	13.0 W
62327070	MASTER PL-C 18W/827/4P 1CT/5X10BOX	0.230 A	18.4 W
62333170	MASTER PL-C 18W/830/4P 1CT/ 5X10BOX	0.230 A	18.4 W

Order Code	Full Product Name	Lamp Current	
		(Nom)	Power (Nom)
62334870	MASTER PL-C 18W/840/4P 1CT/ 5X10BOX	0.230 A	18.4 W
62328770	MASTER PL-C 26W/827/4P 1CT/ 5X10BOX	0.335 A	27.4 W
62335570	MASTER PL-C 26W/830/4P 1CT/ 5X10BOX	0.335 A	27.4 W
62336270	MASTER PL-C 26W/840/4P 1CT/ 5X10BOX	0.335 A	27.4 W
27705300	MASTER PL-C 26W/865/4P 1CT/ 5X10BOX	0.335 A	26.0 W
60689300	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
27703900	MASTER PL-C 13W/865/4P 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
60689300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	G24Q-3

Light technical (1/3)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
62329470	MASTER PL-C 10W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm White (WW)
62330070	MASTER PL-C 10W/840/4P 1CT/5X10BOX	0.38	0.38	841	Cool White (CW)
62326370	MASTER PL-C 13W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
62331770	MASTER PL-C 13W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm White (WW)
62332470	MASTER PL-C 13W/840/4P 1CT/5X10BOX	0.38	0.38	841	Cool White (CW)
27703900	MASTER PL-C 13W/865/4P 1CT/5X10BOX	-	-	865	Cool Daylight

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
62327070	MASTER PL-C 18W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
62333170	MASTER PL-C 18W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm White (WW)
62334870	MASTER PL-C 18W/840/4P 1CT/5X10BOX	0.38	0.38	841	Cool White (CW)
62328770	MASTER PL-C 26W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
62335570	MASTER PL-C 26W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm White (WW)
62336270	MASTER PL-C 26W/840/4P 1CT/5X10BOX	0.38	0.38	841	Cool White (CW)

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Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
27705300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	-	-	865	Cool Daylight

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
60689300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	-	-	865	Cool Daylight

Light technical (2/3)

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	LLMF 12000 h Rated	LLMF 2000 h Rated	LLMF 4000 h Rated	LLMF 6000 h Rated	LLMF 8000 h Rated	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
62330070	MASTER PL-C 10W/840/4P 1CT/5X10BOX	4000 K	80	-	92 %	87 %	83 %	81 %	60 lm/W	600 lm
62326370	MASTER PL-C 13W/827/4P 1CT/5X10BOX	2700 K	82	-	92 %	87 %	83 %	81 %	69 lm/W	925 lm
62331770	MASTER PL-C 13W/830/4P 1CT/5X10BOX	3000 K	82	-	92 %	87 %	83 %	81 %	72 lm/W	925 lm
62332470	MASTER PL-C 13W/840/4P 1CT/5X10BOX	4000 K	80	-	92 %	87 %	83 %	81 %	69 lm/W	925 lm
27703900	MASTER PL-C 13W/865/4P 1CT/5X10BOX	6500 K	80	-	90 %	85 %	81 %	77 %	63 lm/W	845 lm
62327070	MASTER PL-C 18W/827/4P 1CT/5X10BOX	2700 K	82	-	92 %	87 %	83 %	81 %	67 lm/W	1200 lm
62333170	MASTER PL-C 18W/830/4P 1CT/5X10BOX	3000 K	82	81 %	92 %	87 %	83 %	81 %	67 lm/W	1200 lm
62334870	MASTER PL-C 18W/840/4P 1CT/5X10BOX	4000 K	80	-	92 %	87 %	83 %	81 %	67 lm/W	1200 lm
62328770	MASTER PL-C 26W/827/4P 1CT/5X10BOX	2700 K	81	-	92 %	87 %	83 %	81 %	67 lm/W	1800 lm
62335570	MASTER PL-C 26W/830/4P 1CT/5X10BOX	3000 K	81	-	92 %	87 %	83 %	81 %	67 lm/W	1800 lm
62336270	MASTER PL-C 26W/840/4P 1CT/5X10BOX	4000 K	80	-	92 %	87 %	83 %	81 %	67 lm/W	1800 lm
27705300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	6500 K	80	-	90 %	85 %	81 %	77 %	66 lm/W	1740 lm
60689300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	6500 K	80	-	90 %	85 %	81 %	77 %	66 lm/W	1740 lm

Light technical (3/3)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
62329470	MASTER PL-C 10W/830/4P 1CT/5X10BOX	600 lm	62333170	MASTER PL-C 18W/830/4P 1CT/5X10BOX	1200 lm
62330070	MASTER PL-C 10W/840/4P 1CT/5X10BOX	600 lm	62334870	MASTER PL-C 18W/840/4P 1CT/5X10BOX	1200 lm
62326370	MASTER PL-C 13W/827/4P 1CT/5X10BOX	925 lm	62328770	MASTER PL-C 26W/827/4P 1CT/5X10BOX	1800 lm
62331770	MASTER PL-C 13W/830/4P 1CT/5X10BOX	900 lm	62335570	MASTER PL-C 26W/830/4P 1CT/5X10BOX	1800 lm
62332470	MASTER PL-C 13W/840/4P 1CT/5X10BOX	925 lm	62336270	MASTER PL-C 26W/840/4P 1CT/5X10BOX	1800 lm
27703900	MASTER PL-C 13W/865/4P 1CT/5X10BOX	845 lm	27705300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	1740 lm
62327070	MASTER PL-C 18W/827/4P 1CT/5X10BOX	1200 lm	60689300	MASTER PL-C 26W/865/4P 1CT/5X10BOX	1740 lm

MASTER PL-C 4 Pin

