



# Widest product range in the world!

## MASTER PL-T 4 Pin

MASTER PL-T is an efficient compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications demanding higher lighting levels. 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 gear and is provided with a plug-in/pull-out lamp base.

### Benefits

- Optimal light performance for short or long operation per switch-on
- Substantially more light (about 15% more) per light point than with other similar shapes
- Multiple light color choice
- Good color rendering (CRI >80)
- Dimming possible down to 10%

### Features

- 4-pin base
- Philips' bridging technology applied
- Fluorescent tri-phosphor technology
- Low light depreciation over lamp life
- Fast light run-up

### Application

- Designed for general or supplementary lighting in professional and semi-professional environments
- Ideal for use in recessed or surface mounted downlighters, wall units, outdoor lighting
- First choice for short switching cycles, emergency lighting and deep dimming

# MASTER PL-T 4 Pin

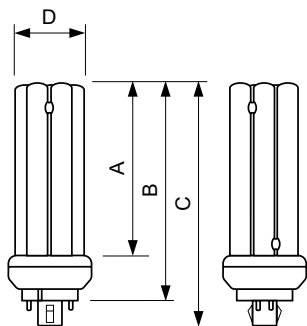
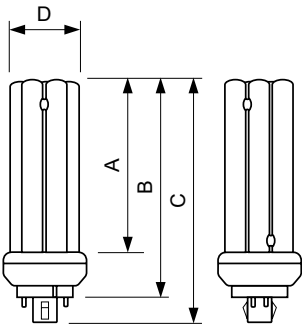
## Warnings and Safety

- 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.

## Versions



## Dimensional drawing

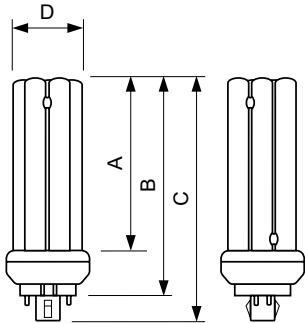


Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 32W/830/4P 1CT/ 5X10BOX	41.0 mm	98.7 mm	123.0 mm	138.7 mm
MASTER PL-T 32W/840/4P 1CT/ 5X10BOX	41.0 mm	98.7 mm	123.0 mm	138.7 mm
MASTER PL-T 26W/840/4P 1CT/ 5X10BOX	41.0 mm	86.7 mm	111.0 mm	126.7 mm
MASTER PL-T 26W/830/4P 1CT/ 5X10BOX	41.0 mm	86.7 mm	111.0 mm	126.7 mm
MASTER PL-T 32W/827/4P 1CT/ 5X10BOX	41.0 mm	98.7 mm	123.0 mm	138.7 mm

Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 18W/830/4P 1CT/ 5X10BOX	41.0 mm	71.7 mm	96.0 mm	111.7 mm
MASTER PL-T 18W/840/4P 1CT/ 5X10BOX	41.0 mm	71.7 mm	96.0 mm	111.7 mm

# MASTER PL-T 4 Pin

## Dimensional drawing



Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 42W/840/4P 1CT/ 5X10BOX	41.0 mm	120.7 mm	145.0 mm	160.7 mm
MASTER PL-T 42W/830/4P 1CT/ 5X10BOX	41.0 mm	120.7 mm	145.0 mm	160.7 mm

### Approval and Application

Mercury (Hg) Content (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg

### 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 %

### Light Technical

Colour Rendering Index (Nom)	80
LLMF 12000 h Rated	81 %
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	88 %
LLMF 6000 h Rated	86 %
LLMF 8000 h Rated	84 %

### Temperature

Design Temperature (Nom)	28 °C
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### Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
61076870	MASTER PL-T 18W/830/4P 1CT/5X10CC	18 kWh
61099770	MASTER PL-T 18W/840/4P 1CT/5X10BOX	18 kWh
61120870	MASTER PL-T 26W/830/4P 1CT/5X10CC	28 kWh
61125370	MASTER PL-T 26W/840/4P 1CT/5X10CC	28 kWh
55996870	MASTER PL-T 32W/827/4P 1CT/5X10BOX	32 kWh
61128470	MASTER PL-T 32W/830/4P 1CT/5X10CC	32 kWh
61131470	MASTER PL-T 32W/840/4P 1CT/5X10CC	32 kWh
61134570	MASTER PL-T 42W/830/4P 1CT/5X10CC	42 kWh
61137670	MASTER PL-T 42W/840/4P 1CT/5X10CC	42 kWh
61140670	MASTER PL-T 57W/830/4P 1CT/5X10CC	54 kWh
61145170	MASTER PL-T 57W/840/4P 1CT/5X10CC	54 kWh

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
61076870	MASTER PL-T 18W/830/4P 1CT/ 5X10CC	0.225 A	18 W
61099770	MASTER PL-T 18W/840/4P 1CT/ 5X10BOX	0.210 A	18 W
61120870	MASTER PL-T 26W/830/4P 1CT/ 5X10CC	0.300 A	27.2 W
61125370	MASTER PL-T 26W/840/4P 1CT/ 5X10CC	0.300 A	27.2 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
55996870	MASTER PL-T 32W/827/4P 1CT/ 5X10BOX	0.320 A	32.0 W
61128470	MASTER PL-T 32W/830/4P 1CT/ 5X10CC	0.320 A	32.0 W
61131470	MASTER PL-T 32W/840/4P 1CT/ 5X10CC	0.320 A	32.0 W
61134570	MASTER PL-T 42W/830/4P 1CT/ 5X10CC	0.320 A	42 W

## MASTER PL-T 4 Pin

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
61137670	MASTER PL-T 42W/840/4P 1CT/5X10CC	0.320 A	42 W
61140670	MASTER PL-T 57W/830/4P 1CT/5X10CC	0.325 A	54 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
61145170	MASTER PL-T 57W/840/4P 1CT/5X10CC	0.325 A	54 W

### General Information

Order Code	Full Product Name	Cap-Base
61076870	MASTER PL-T 18W/830/4P 1CT/5X10CC	GX24Q-2
61099770	MASTER PL-T 18W/840/4P 1CT/5X10BOX	GX24Q-2
61120870	MASTER PL-T 26W/830/4P 1CT/5X10CC	GX24Q-3
61125370	MASTER PL-T 26W/840/4P 1CT/5X10CC	GX24Q-3
55996870	MASTER PL-T 32W/827/4P 1CT/5X10BOX	GX24Q-3
61128470	MASTER PL-T 32W/830/4P 1CT/5X10CC	GX24Q-3

Order Code	Full Product Name	Cap-Base
61131470	MASTER PL-T 32W/840/4P 1CT/5X10CC	GX24Q-3
61134570	MASTER PL-T 42W/830/4P 1CT/5X10CC	GX24Q-4
61137670	MASTER PL-T 42W/840/4P 1CT/5X10CC	GX24Q-4
61140670	MASTER PL-T 57W/830/4P 1CT/5X10CC	GX24Q-5
61145170	MASTER PL-T 57W/840/4P 1CT/5X10CC	GX24Q-5

### Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
61076870	MASTER PL-T 18W/830/4P 1CT/5X10CC	0.44	0.403	830	Warm White (WW)
61099770	MASTER PL-T 18W/840/4P 1CT/5X10BOX	0.38	0.38	841	Cool White (CW)
61120870	MASTER PL-T 26W/830/4P 1CT/5X10CC	0.44	0.403	830	Warm White (WW)
61125370	MASTER PL-T 26W/840/4P 1CT/5X10CC	0.38	0.38	841	Cool White (CW)
55996870	MASTER PL-T 32W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
61128470	MASTER PL-T 32W/830/4P 1CT/5X10CC	0.44	0.403	830	Warm White (WW)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
61131470	MASTER PL-T 32W/840/4P 1CT/5X10CC	0.38	0.38	841	Cool White (CW)
61134570	MASTER PL-T 42W/830/4P 1CT/5X10CC	0.44	0.403	830	Warm White (WW)
61137670	MASTER PL-T 42W/840/4P 1CT/5X10CC	0.38	0.38	841	Cool White (CW)
61140670	MASTER PL-T 57W/830/4P 1CT/5X10CC	0.44	0.403	830	Warm White (WW)
61145170	MASTER PL-T 57W/840/4P 1CT/5X10CC	0.38	0.38	841	Cool White (CW)

### Light Technical (2/2)

Order Code	Full Product Name	Correlated			Luminous
		Colour Temperature (Nom)	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Flux (Rated) (Nom)
61076870	MASTER PL-T 18W/830/4P 1CT/5X10CC	3000 K	67 lm/W	1150 lm	1200 lm

Order Code	Full Product Name	Correlated			Luminous
		Colour Temperature (Nom)	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Flux (Rated) (Nom)
61099770	MASTER PL-T 18W/840/4P 1CT/5X10BOX	4000 K	67 lm/W	1150 lm	1200 lm

## MASTER PL-T 4 Pin

Order Code	Full Product Name	Correlated Colour	Luminous		Luminous Flux
		Temperature (Nom)	Efficacy (rated) (Min)	Luminous Flux (Nom)	(Rated) (Nom)
61120870	MASTER PL-T 26W/830/4P 1CT/5X10CC	3000 K	66 lm/W	1800 lm	1725 lm
61125370	MASTER PL-T 26W/840/4P 1CT/5X10CC	4000 K	66 lm/W	1800 lm	1725 lm
55996870	MASTER PL-T 32W/827/4P 1CT/5X10BOX	2700 K	75 lm/W	2350 lm	2400 lm
61128470	MASTER PL-T 32W/830/4P 1CT/5X10CC	3000 K	75 lm/W	2350 lm	2400 lm
61131470	MASTER PL-T 32W/840/4P 1CT/5X10CC	4000 K	75 lm/W	2350 lm	2400 lm

Order Code	Full Product Name	Correlated Colour	Luminous		Luminous Flux
		Temperature (Nom)	Efficacy (rated) (Min)	Luminous Flux (Nom)	(Rated) (Nom)
61134570	MASTER PL-T 42W/830/4P 1CT/5X10CC	3000 K	74 lm/W	3100 lm	3050 lm
61137670	MASTER PL-T 42W/840/4P 1CT/5X10CC	4000 K	74 lm/W	3100 lm	3050 lm
61140670	MASTER PL-T 57W/830/4P 1CT/5X10CC	3000 K	75 lm/W	4000 lm	4200 lm
61145170	MASTER PL-T 57W/840/4P 1CT/5X10CC	4000 K	75 lm/W	4000 lm	4200 lm

