



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

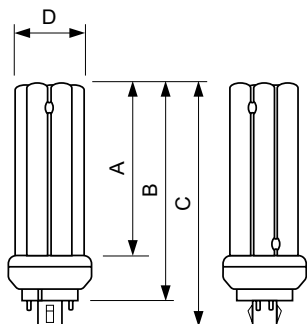
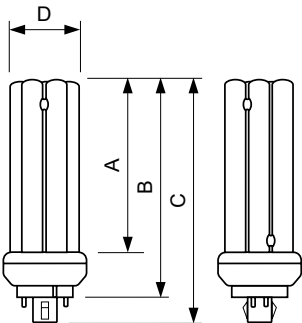
Warnings and Safety

- 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

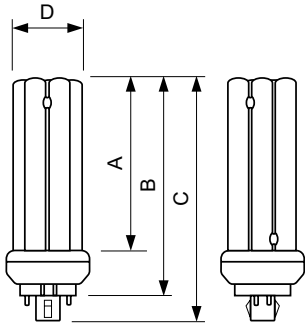


Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 32W/830/4P 1CT/ 5X10BOX	41.0 mm	98.7 mm	123.0 mm	138.7 mm
MASTER PL-T 32W/840/4P 1CT/ 5X10BOX	41.0 mm	98.7 mm	123.0 mm	138.7 mm
MASTER PL-T 26W/840/4P 1CT/ 5X10BOX	41.0 mm	86.7 mm	111.0 mm	126.7 mm
MASTER PL-T 26W/830/4P 1CT/ 5X10BOX	41.0 mm	86.7 mm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

Energy Efficiency Label (EEL)	A
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 %

Light Technical

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
--------------------------	-------

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
61076870	MASTER PL-T 18W/830/4P 1CT/5X10CC	20 kWh
61099770	MASTER PL-T 18W/840/4P 1CT/5X10BOX	20 kWh
61120870	MASTER PL-T 26W/830/4P 1CT/5X10CC	29 kWh
61125370	MASTER PL-T 26W/840/4P 1CT/5X10CC	29 kWh
55996870	MASTER PL-T 32W/827/4P 1CT/5X10BOX	35 kWh
61128470	MASTER PL-T 32W/830/4P 1CT/5X10CC	35 kWh
61131470	MASTER PL-T 32W/840/4P 1CT/5X10CC	35 kWh
61134570	MASTER PL-T 42W/830/4P 1CT/5X10CC	45 kWh
61137670	MASTER PL-T 42W/840/4P 1CT/5X10CC	45 kWh
61140670	MASTER PL-T 57W/830/4P 1CT/5X10CC	59 kWh
61145170	MASTER PL-T 57W/840/4P 1CT/5X10CC	59 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	16.5 W
61099770	MASTER PL-T 18W/840/4P 1CT/ 5X10BOX	0.210 A	16.5 W
61120870	MASTER PL-T 26W/830/4P 1CT/ 5X10CC	0.300 A	24.0 W
61125370	MASTER PL-T 26W/840/4P 1CT/ 5X10CC	0.300 A	24.0 W
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

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
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	41.0 W
61137670	MASTER PL-T 42W/840/4P 1CT/ 5X10CC	0.320 A	41.0 W
61140670	MASTER PL-T 57W/830/4P 1CT/ 5X10CC	0.325 A	56.0 W
61145170	MASTER PL-T 57W/840/4P 1CT/ 5X10CC	0.325 A	56.0 W

MASTER PL-T 4 Pin

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	Colour Code	Colour Designation	Correlated	Colour
				Temperature (Nom)	Rendering Index (Nom)
61076870	MASTER PL-T 18W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
61099770	MASTER PL-T 18W/840/4P 1CT/5X10BOX	841	Cool White (CW)	4000 K	82
61120870	MASTER PL-T 26W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
61125370	MASTER PL-T 26W/840/4P 1CT/5X10CC	841	Cool White (CW)	4000 K	82
55996870	MASTER PL-T 32W/827/4P 1CT/5X10BOX	827	Incandescent White	2700 K	82
61128470	MASTER PL-T 32W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated	Colour
				Temperature (Nom)	Rendering Index (Nom)
61131470	MASTER PL-T 32W/840/4P 1CT/5X10CC	841	Cool White (CW)	4000 K	82
61134570	MASTER PL-T 42W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
61137670	MASTER PL-T 42W/840/4P 1CT/5X10CC	841	Cool White (CW)	4000 K	82
61140670	MASTER PL-T 57W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
61145170	MASTER PL-T 57W/840/4P 1CT/5X10CC	841	Cool White (CW)	4000 K	82

Light Technical (2/2)

Order Code	Full Product Name	Luminous	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		Efficacy (rated) (Min)		
61076870	MASTER PL-T 18W/830/4P 1CT/5X10CC	67 lm/W	1200 lm	1200 lm
61099770	MASTER PL-T 18W/840/4P 1CT/5X10BOX	67 lm/W	1200 lm	1200 lm
61120870	MASTER PL-T 26W/830/4P 1CT/5X10CC	66 lm/W	1800 lm	1725 lm
61125370	MASTER PL-T 26W/840/4P 1CT/5X10CC	66 lm/W	1800 lm	1725 lm
55996870	MASTER PL-T 32W/827/4P 1CT/5X10BOX	75 lm/W	2400 lm	2400 lm
61128470	MASTER PL-T 32W/830/4P 1CT/5X10CC	75 lm/W	2400 lm	2400 lm

Order Code	Full Product Name	Luminous	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		Efficacy (rated) (Min)		
61131470	MASTER PL-T 32W/840/4P 1CT/5X10CC	75 lm/W	2400 lm	2400 lm
61134570	MASTER PL-T 42W/830/4P 1CT/5X10CC	74 lm/W	3200 lm	3050 lm
61137670	MASTER PL-T 42W/840/4P 1CT/5X10CC	74 lm/W	3200 lm	3050 lm
61140670	MASTER PL-T 57W/830/4P 1CT/5X10CC	75 lm/W	4300 lm	4200 lm
61145170	MASTER PL-T 57W/840/4P 1CT/5X10CC	75 lm/W	4300 lm	4200 lm

MASTER PL-T 4 Pin

