



# Product Description

## MASTER PL-T 4 Pin

Energy saving compact fluorescent lamp Compact long-arc low-pressure mercury discharge lamp Envelope consists of 6 parallel narrow fluorescent tubes

### Benefits

- Optimal light performance for short or long operation per switch on
- More light (about 15% more) per light point than common
- Long life and sustainable light output

### Features

- 4-pin base without glow switch starter and capacitor
- Fast light run up under all circumstances
- Philips invented bridge technology applied
- Dimming is possible

### 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

### Warnings and Safety

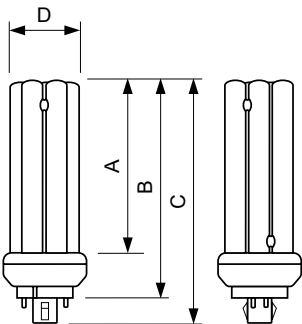
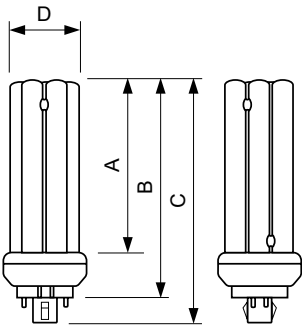
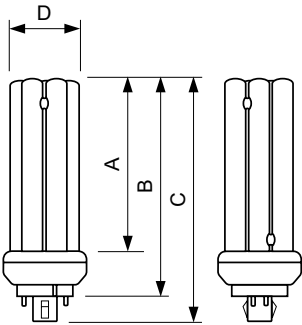
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- A lamp breaking is extremely unlikely to 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-T 4 Pin

## 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/827/4P 1CT/ 5X10BOX	41.0 mm	86.7 mm	111.0 mm	126.7 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 42W/827/4P 1CT/ 5X10BOX	41.0 mm	120.7 mm	145.0 mm	160.7 mm
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

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/827/4P 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

## Approval and Application

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	Mercury (Hg) Content (Max)
927914482771	MASTER PL-T 18W/827/4P 1CT/5X10BOX	20 kWh	-
927914483071	MASTER PL-T 18W/830/4P 1CT/5X10BOX	18 kWh	1.4 mg
927914484071	MASTER PL-T 18W/840/4P 1CT/5X10BOX	18 kWh	1.4 mg
927914682771	MASTER PL-T 26W/827/4P 1CT/5X10BOX	29 kWh	-
927914683071	MASTER PL-T 26W/830/4P 1CT/5X10BOX	28 kWh	1.4 mg
927914684071	MASTER PL-T 26W/840/4P 1CT/5X10BOX	28 kWh	1.4 mg
927914782771	MASTER PL-T 32W/827/4P 1CT/5X10BOX	32 kWh	1.4 mg
927914783071	MASTER PL-T 32W/830/4P 1CT/5X10BOX	32 kWh	1.4 mg
927914784071	MASTER PL-T 32W/840/4P 1CT/5X10BOX	32 kWh	1.4 mg
927914882771	MASTER PL-T 42W/827/4P 1CT/5X10BOX	42 kWh	1.4 mg
927914883071	MASTER PL-T 42W/830/4P 1CT/5X10BOX	42 kWh	1.4 mg
927914884071	MASTER PL-T 42W/840/4P 1CT/5X10BOX	42 kWh	1.4 mg

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927914482771	MASTER PL-T 18W/827/4P 1CT/ 5X10BOX	0.225 A	16.5 W
927914483071	MASTER PL-T 18W/830/4P 1CT/ 5X10BOX	0.225 A	18 W
927914484071	MASTER PL-T 18W/840/4P 1CT/ 5X10BOX	0.210 A	18 W
927914682771	MASTER PL-T 26W/827/4P 1CT/ 5X10BOX	0.300 A	24.0 W
927914683071	MASTER PL-T 26W/830/4P 1CT/ 5X10BOX	0.300 A	27.2 W
927914684071	MASTER PL-T 26W/840/4P 1CT/ 5X10BOX	0.300 A	27.2 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927914782771	MASTER PL-T 32W/827/4P 1CT/ 5X10BOX	0.320 A	32.0 W
927914783071	MASTER PL-T 32W/830/4P 1CT/ 5X10BOX	0.320 A	32.0 W
927914784071	MASTER PL-T 32W/840/4P 1CT/ 5X10BOX	0.320 A	32.0 W
927914882771	MASTER PL-T 42W/827/4P 1CT/ 5X10BOX	0.320 A	42 W
927914883071	MASTER PL-T 42W/830/4P 1CT/ 5X10BOX	0.320 A	42 W
927914884071	MASTER PL-T 42W/840/4P 1CT/ 5X10BOX	0.320 A	42 W

## General Information

Order Code	Full Product Name	Cap-Base
927914482771	MASTER PL-T 18W/827/4P 1CT/5X10BOX	GX24Q-2
927914483071	MASTER PL-T 18W/830/4P 1CT/5X10BOX	GX24Q-2
927914484071	MASTER PL-T 18W/840/4P 1CT/5X10BOX	GX24Q-2
927914682771	MASTER PL-T 26W/827/4P 1CT/5X10BOX	GX24Q-3
927914683071	MASTER PL-T 26W/830/4P 1CT/5X10BOX	GX24Q-3
927914684071	MASTER PL-T 26W/840/4P 1CT/5X10BOX	GX24Q-3

Order Code	Full Product Name	Cap-Base
927914782771	MASTER PL-T 32W/827/4P 1CT/5X10BOX	GX24Q-3
927914783071	MASTER PL-T 32W/830/4P 1CT/5X10BOX	GX24Q-3
927914784071	MASTER PL-T 32W/840/4P 1CT/5X10BOX	GX24Q-3
927914882771	MASTER PL-T 42W/827/4P 1CT/5X10BOX	GX24Q-4
927914883071	MASTER PL-T 42W/830/4P 1CT/5X10BOX	GX24Q-4
927914884071	MASTER PL-T 42W/840/4P 1CT/5X10BOX	GX24Q-4

## Light Technical (1/2)

## MASTER PL-T 4 Pin

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927914482771	MASTER PL-T 18W/827/4P 1CT/5X10BOX	-	-	827	Incandescent White
927914483071	MASTER PL-T 18W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)
927914484071	MASTER PL-T 18W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)
927914682771	MASTER PL-T 26W/827/4P 1CT/5X10BOX	-	-	827	Incandescent White
927914683071	MASTER PL-T 26W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)
927914684071	MASTER PL-T 26W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927914782771	MASTER PL-T 32W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
927914783071	MASTER PL-T 32W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)
927914784071	MASTER PL-T 32W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)
927914882771	MASTER PL-T 42W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White
927914883071	MASTER PL-T 42W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)
927914884071	MASTER PL-T 42W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

### Light Technical (2/2)

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Min)	Luminous	
					Luminous Flux (Nom)	Luminous Flux (Rated)
927914482771	MASTER PL-T 18W/827/4P 1CT/5X10BOX	2700 K	82	67 lm/W	1200 lm	1200 lm
927914483071	MASTER PL-T 18W/830/4P 1CT/5X10BOX	3000 K	80	67 lm/W	1150 lm	1200 lm
927914484071	MASTER PL-T 18W/840/4P 1CT/5X10BOX	4000 K	80	67 lm/W	1150 lm	1200 lm
927914682771	MASTER PL-T 26W/827/4P 1CT/5X10BOX	2700 K	82	66 lm/W	1800 lm	1725 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Min)	Luminous	
					Luminous Flux (Nom)	Luminous Flux (Rated)
927914683071	MASTER PL-T 26W/830/4P 1CT/5X10BOX	3000 K	80	66 lm/W	1800 lm	1725 lm
927914684071	MASTER PL-T 26W/840/4P 1CT/5X10BOX	4000 K	80	66 lm/W	1800 lm	1725 lm
927914782771	MASTER PL-T 32W/827/4P 1CT/5X10BOX	2700 K	80	75 lm/W	2350 lm	2400 lm
927914783071	MASTER PL-T 32W/830/4P 1CT/5X10BOX	3000 K	80	75 lm/W	2350 lm	2400 lm

## MASTER PL-T 4 Pin

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated)
927914784071	MASTER PL-T 32W/840/4P 1CT/5X10BOX	4000 K	80	75 lm/W	2350 lm	2400 lm
927914882771	MASTER PL-T 42W/827/4P 1CT/5X10BOX	2700 K	80	74 lm/W	3100 lm	3050 lm
927914883071	MASTER PL-T	3000 K	80	74 lm/W	3100 lm	3050 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated)
	42W/830/4P 1CT/5X10BOX					
927914884071	MASTER PL-T 42W/840/4P 1CT/5X10BOX	4000 K	80	74 lm/W	3100 lm	3050 lm

