



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

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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



18W, GX24q-2, 4P



26W, GX24q-3, 4P



32W, GX24q-3, 4P

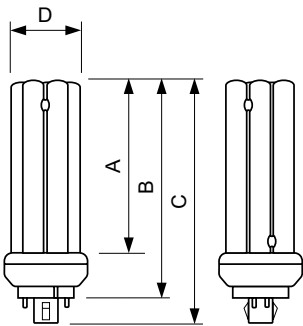


42W, GX24q-4, 4P



57W, GX24q-5, 4P

Dimensional drawing

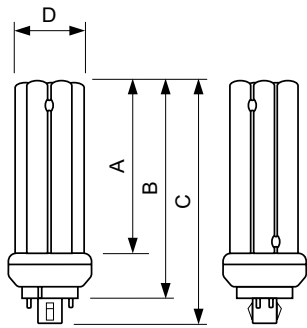
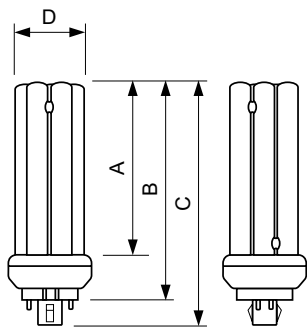


Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 32W/830/4P 1CT/ 5X10BOX	41.0 mm	98.7 mm	123.0 mm	138.7 mm
MASTER PL-T 32W/840/4P 1CT/ 5X10BOX	41.0 mm	98.7 mm	123.0 mm	138.7 mm
MASTER PL-T 26W/827/4P 1CT/ 5X10BOX	41.0 mm	86.7 mm	111.0 mm	126.7 mm
MASTER PL-T 26W/840/4P 1CT/ 5X10BOX	41.0 mm	86.7 mm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

MASTER PL-T 4 Pin

Dimensional drawing

□



Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 57W/830/4P 1CT/ 5X10BOX	41.0 mm	157.7 mm	182.0 mm	197.7 mm
MASTER PL-T 57W/840/4P 1CT/ 5X10BOX	41.0 mm	157.7 mm	182.0 mm	197.7 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
927914983071	MASTER PL-T 57W/830/4P 1CT/5X10BOX	54 kWh	1.4 mg
927914984071	MASTER PL-T 57W/840/4P 1CT/5X10BOX	54 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
927914782771	MASTER PL-T 32W/827/4P 1CT/ 5X10BOX	0.320 A	32.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
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
927914983071	MASTER PL-T 57W/830/4P 1CT/ 5X10BOX	0.325 A	54 W
927914984071	MASTER PL-T 57W/840/4P 1CT/ 5X10BOX	0.325 A	54 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
927914782771	MASTER PL-T 32W/827/4P 1CT/5X10BOX	GX24Q-3

Order Code	Full Product Name	Cap-Base
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
927914983071	MASTER PL-T 57W/830/4P 1CT/5X10BOX	GX24Q-5
927914984071	MASTER PL-T 57W/840/4P 1CT/5X10BOX	GX24Q-5

MASTER PL-T 4 Pin

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Color	
		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)
927914782771	MASTER PL-T 32W/827/4P 1CT/5X10BOX	0.463	0.42	827	Incandescent White

Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
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)
927914983071	MASTER PL-T 57W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm White (WW)
927914984071	MASTER PL-T 57W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

Light Technical (2/2)

Order Code	Full Product Name	Correlated Color	Color	Luminous	Luminous	
		Temperature (Nom)	Rendering Index (Nom)	Efficacy (rated) (Min)	Flux (Nom)	Flux (Rated) (Nom)
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	2700 K	82	66 lm/W	1800 lm	1725 lm

Order Code	Full Product Name	Correlated Color	Color	Luminous	Luminous	
		Temperature (Nom)	Rendering Index (Nom)	Efficacy (rated) (Min)	Flux (Nom)	Flux (Rated) (Nom)
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	2700 K	80	75 lm/W	2350 lm	2400 lm

MASTER PL-T 4 Pin

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
	1CT/ 5X10BOX					
927914783071	MASTER PL-T 32W/ 830/4P 1CT/ 5X10BOX	3000 K	80	75 lm/W	2350 lm	2400 lm
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 Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
	42W/ 830/4P 1CT/ 5X10BOX					
927914884071	MASTER PL-T 42W/ 840/4P 1CT/ 5X10BOX	4000 K	80	74 lm/W	3100 lm	3050 lm
927914983071	MASTER PL-T 57W/ 830/4P 1CT/ 5X10BOX	3000 K	80	75 lm/W	4000 lm	4200 lm
927914984071	MASTER PL-T 57W/ 840/4P 1CT/ 5X10BOX	4000 K	80	75 lm/W	4000 lm	4200 lm

