



Widest product range in the world!

MASTER PL-T 2 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 2-pin version is designed for operation on electromagnetic 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)

Features

- 2-pin base with a housing incorporating the special instant starter and capacitor
- 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

Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position
- Dimming is not possible

Related products



13W, GX24d-1, 2P

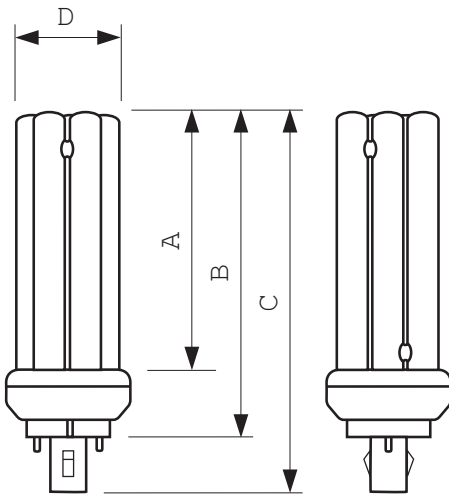


18W, GX24d-2, 2P



26W, GX24d-3, 2P

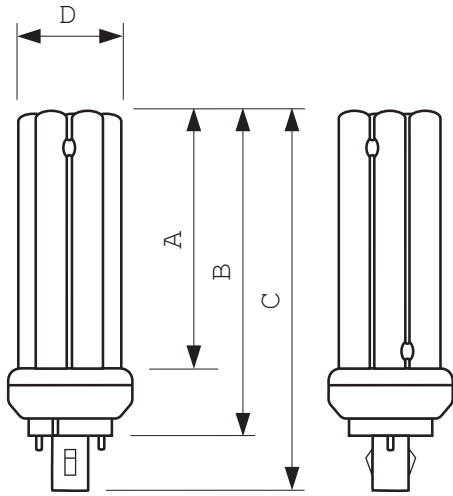
Dimensional drawing



GX24d-1, 2P

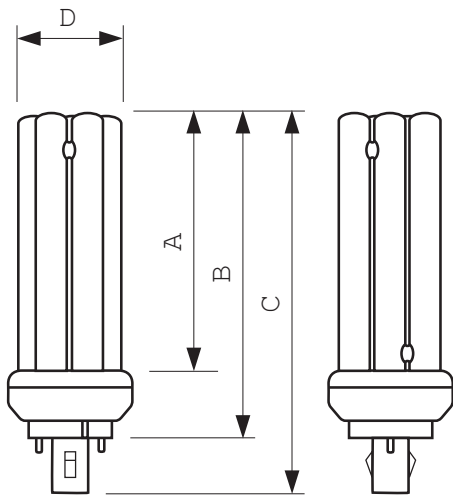
Product	A (Max)	B (Max)	C (Max)	D (Max)
PL-T 13W/830/2P M	66.7	91.0	114.2	41
PL-T 13W/840/2P M	66.7	91.0	114.2	41

Dimensional drawing



GX24d-2, 2P

Product	A (Max)	B (Max)	C (Max)	D (Max)
PL-T 18W/827/2P M	71.8	96.0	119.2	41
PL-T 18W/830/2P M	71.8	96.0	119.2	41
PL-T 18W/840/2P M	71.8	96.0	119.2	41



GX24d-3, 2P

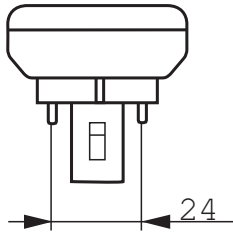
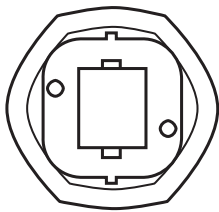
Product	A (Max)	B (Max)	C (Max)	D (Max)
PL-T 26W/827/2P M	86.7	111.0	134.2	41
PL-T 26W/830/2P M	86.7	111.0	134.2	41
PL-T 26W/840/2P M	86.7	111.0	134.2	41

General Characteristics

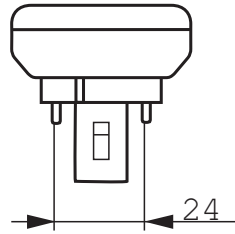
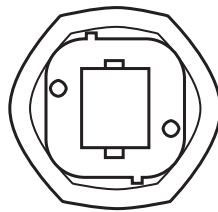
Order code	Full product name	Cap-Base	Life to 50% failures EM	Life to 10% failures EM	LSF EM 20000h Rated,3h cycle	LSF EM 16000h Rated,3h cycle	LSF EM 12000h Rated,3h cycle	LSF EM 8000h Rated,3h cycle	LSF EM 6000h Rated,3h cycle	LSF EM 4000h Rated,3h cycle	LSF EM 2000h Rated,3h cycle
927914183071	MASTER PL-T 13W/830/2P 1CT	GX24d-1	10000	6500	-	-	-	78	92	98	99
927914184071	MASTER PL-T 13W/840/2P 1CT	GX24d-1	10000	6500	-	-	-	78	92	98	99
927914382771	MASTER PL-T 18W/827/2P 1CT	GX24d-2	10000	6500	-	-	-	78	92	98	99
927914383071	MASTER PL-T 18W/830/2P 1CT	GX24d-2	10000	6500	-	-	-	78	92	98	99
927914384071	MASTER PL-T 18W/840/2P 1CT	GX24d-2	10000	6500	-	-	-	78	92	98	99
927914582771	MASTER PL-T 26W/827/2P 1CT	GX24d-3	10000	6500	-	-	-	78	92	98	99

Order code	Full product name	Cap-Base	Life to 50% failures EM	Life to 10% failures EM	LSF EM 20000h Rated,3h cycle	LSF EM 16000h Rated,3h cycle	LSF EM 12000h Rated,3h cycle	LSF EM 8000h Rated,3h cycle	LSF EM 6000h Rated,3h cycle	LSF EM 4000h Rated,3h cycle	LSF EM 2000h Rated,3h cycle
927914583071	MASTER PL-T 26W/830/2P 1CT	GX24d-3	10000	6500	-	-	-	78	92	98	99
927914584071	MASTER PL-T 26W/840/2P 1CT	GX24d-3	10000	6500	-	-	-	78	92	98	99

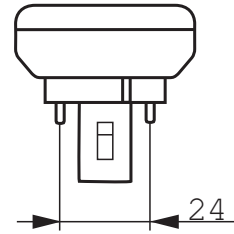
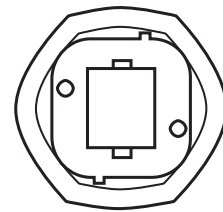
Installation diagrams



GX24d-1



GX24d-2



GX24d-3

Light Technical Characteristics (1/2)

Order code	Full product name	Color Code	Color Designation (text)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Color Temperature	Lum Efficacy Rated EM 25°C	LLMF EM 20000h Rated	LLMF EM 16000h Rated	LLMF EM 12000h Rated
927914183071	MASTER PL-T 13W/ 830/2P 1CT	830	Warm White	434	397	82	3000	62 (min)	-	-	-
927914184071	MASTER PL-T 13W/ 840/2P 1CT	840	Cool White	380	379	82	4000	62 (min)	-	-	-
927914382771	MASTER PL-T 18W/ 827/2P 1CT	827	Incandescent White	455	417	82	2700	67 (min)	-	-	-
927914383071	MASTER PL-T 18W/ 830/2P 1CT	830	Warm White	434	397	82	3000	67 (min)	-	-	-
927914384071	MASTER PL-T 18W/ 840/2P 1CT	840	Cool White	380	379	82	4000	67 (min)	-	-	-
927914582771	MASTER PL-T 26W/ 827/2P 1CT	827	Incandescent White	455	417	82	2700	66 (min)	-	-	-
927914583071	MASTER PL-T 26W/ 830/2P 1CT	830	Warm White	436	401	82	3000	66 (min)	-	-	-
927914584071	MASTER PL-T 26W/ 840/2P 1CT	840	Cool White	380	379	82	4000	66 (min)	-	-	-

Light Technical Characteristics (2/2)

Order code	Full product name	LLMF EM 8000h Rated	LLMF EM 6000h Rated	LLMF EM 4000h Rated	LLMF EM 2000h Rated	Luminous Flux EM 25°C, Rated	Luminous Flux EM 25°C, Nominal	Design Temperature
927914183071	MASTER PL-T 13W/830/2P 1CT	81	84	87	92	850	900	28
927914184071	MASTER PL-T 13W/840/2P 1CT	81	84	87	92	850	900	28
927914382771	MASTER PL-T 18W/827/2P 1CT	81	84	87	92	1200	1200	28
927914383071	MASTER PL-T 18W/830/2P 1CT	81	84	87	92	1200	1200	28
927914384071	MASTER PL-T 18W/840/2P 1CT	81	84	87	92	1200	1200	28
927914582771	MASTER PL-T 26W/827/2P 1CT	81	84	87	92	1725	1800	28
927914583071	MASTER PL-T 26W/830/2P 1CT	81	84	87	92	1725	1800	28
927914584071	MASTER PL-T 26W/840/2P 1CT	81	84	87	92	1725	1800	28

Electrical Characteristics

Order code	Full product name	Lamp Wattage	Dimmable	Lamp Current EM 25°C	Lamp Wattage EM 25°C, Rated	Lamp Wattage EM 25°C, Nominal	Lamp Voltage EM 25°C
927914183071	MASTER PL-T 13W/830/2P 1CT	13	No	0.170	13.0	13	91
927914184071	MASTER PL-T 13W/840/2P 1CT	13	No	0.170	13.0	13	91
927914382771	MASTER PL-T 18W/827/2P 1CT	18	No	0.225	18.0	18	100
927914383071	MASTER PL-T 18W/830/2P 1CT	18	No	0.225	18.0	18	100
927914384071	MASTER PL-T 18W/840/2P 1CT	18	No	0.225	18.0	18	100
927914582771	MASTER PL-T 26W/827/2P 1CT	26	No	0.335	26.0	26	100
927914583071	MASTER PL-T 26W/830/2P 1CT	26	No	0.335	26.0	26	100
927914584071	MASTER PL-T 26W/840/2P 1CT	26	No	0.335	26.0	26	100

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927914183071	MASTER PL-T 13W/830/2P 1CT	A	1.4
927914184071	MASTER PL-T 13W/840/2P 1CT	A	1.4
927914382771	MASTER PL-T 18W/827/2P 1CT	B	1.4
927914383071	MASTER PL-T 18W/830/2P 1CT	B	1.4
927914384071	MASTER PL-T 18W/840/2P 1CT	B	1.4

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927914582771	MASTER PL-T 26W/827/2P 1CT	B	1.4
927914583071	MASTER PL-T 26W/830/2P 1CT	B	1.4
927914584071	MASTER PL-T 26W/840/2P 1CT	B	1.4



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2012, March 17
data subject to change