



MASTER PL-T 4 Pin

MASTER PL-T 13W/840/4P 1CT

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.

Product data

• General Characteristics

Cap-Base	GX24q-1
Cap-Base Information	4P
Life to 10% failures EM	6500 hr
Life to 10% fail Preheat EL,3h	8000 hr
Life to 10% fail Nonpreh EL,3h	4500 hr
Life to 50% failures EM	10000 hr
Life to 50% fail Preheat EL,3h	13000 hr
Life to 50% fail Nonpreh EL,3h	7000 hr
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	98 %
LSF HF Preheat 6000h Rated,3h	97 %
LSF HF Preheat 8000h Rated,3h	90 %
LSF HF Preheat 12000h Rated,3h	60 %

• Light Technical Characteristics

Color Code	840 [CCT of 4000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Cool White
Color Temperature	4000 K
Luminous Flux EL 25°C, Rated	850 Lm

Luminous Flux EL 25°C, Nominal	900 Lm
Lum Efficacy Rated HF 25°C	68 (min) Lm/W
LLMF HF 2000h Rated	92 %
LLMF HF 4000h Rated	88 %
LLMF HF 6000h Rated	86 %
LLMF HF 8000h Rated	84 %
LLMF HF 12000h Rated	81 %
Design Temperature	28 C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	379 -

• Electrical Characteristics

Lamp Wattage	13 W
Lamp Wattage EL 25°C, Rated	12.5 W
Lamp Wattage EL 25°C, Nominal	13 W
Lamp Voltage EL 25°C	91 V
Lamp Current EL 25°C	0.170 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
-------------------------------	---

MASTER PL-T 4 Pin

Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	15 kWh

• Measuring Conditions

• Product Dimensions

Base Face to Base Face A	66.7 (max) mm
Insertion Length B	91.0 (max) mm
Overall Length C	106.7 (max) mm
Diameter D	41.0 (max) mm

• Product Data

Order code	927914284071
------------	--------------

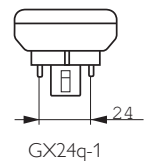
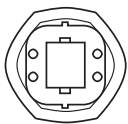
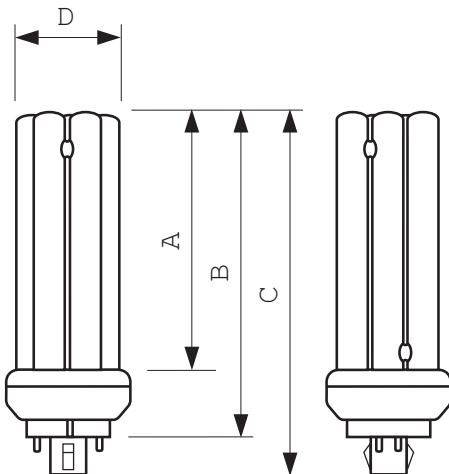
Full product code	927914284071
Full product name	MASTER PL-T 13W/840/4P 1CT
Order product name	MASTER PL-T 13W/840/4P 1CT/ 5X10CC
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500610478
Bar code on intermediate packing - EAN2	8711500610485
Bar code on outerbox - EAN3	8711500610492
Logistic code(s) - 12NC	927914284071
ILCOS code	FSM-13/40/1B-E-GX24q=1
Net weight per piece	58.000 gr

- Shorter lamp life when often switching and not well pre-heated electrodes

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

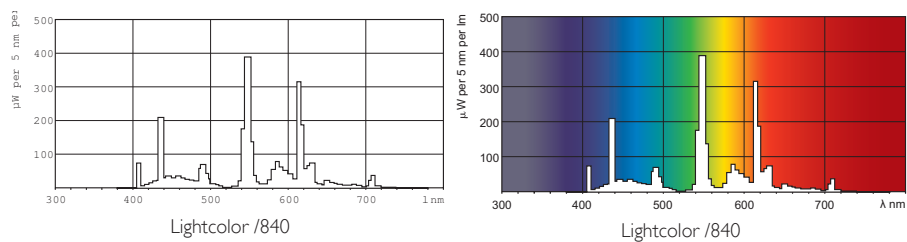
Dimensional drawing



MASTER PL-T 13W/840/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)
PL-T 13W/840/4P M	66.7	91.0	106.7	41.0

Photometric data



© 2013 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2013, October 9
data subject to change