



# MASTER PL-T 4 Pin

MASTER PL-T 42W/830/4P 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-4
Cap-Base Information	4P
Life to 10% fail Preheat EL,3h	8000 hr
Life to 10% fail Nonpreh EL,3h	4500 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	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux EL 25°C, Rated	3050 Lm
Luminous Flux EL 25°C, Nominal	3200 Lm
Lum Efficacy Rated HF 25°C	74 (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	434 -
Chromaticity Coordinate Y	397 -

### • Electrical Characteristics

Lamp Wattage	42 W
Lamp Wattage EL 25°C, Rated	41.0 W
Lamp Wattage EL 25°C, Nominal	42 W
Lamp Voltage EL 25°C	125 V
Lamp Current EL 25°C	0.320 A
Dimmable	Yes

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	45 kWh



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## • Measuring Conditions

Calibration Current	0.320 A
HF Generator Rated Voltage	270 V
Resistor	420 ohm

## • Product Dimensions

Base Face to Base Face A	120.7 (max) mm
Insertion Length B	145.0 (max) mm
Overall Length C	160.7 (max) mm
Diameter D	41.0 (max) mm

## • Product Data

Order code	927914883071
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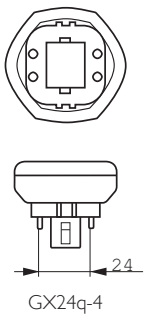
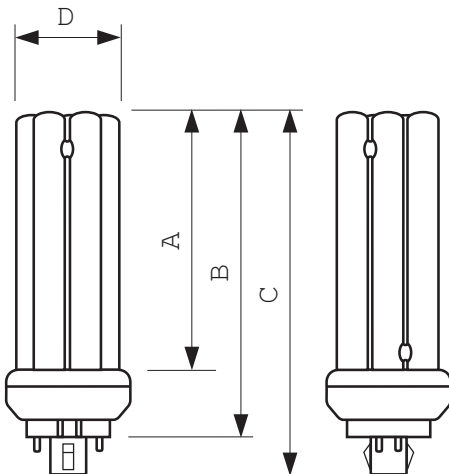
Full product code	927914883071
Full product name	MASTER PL-T 42W/830/4P 1CT
Order product name	MASTER PL-T 42W/830/4P 1CT/5X10CC
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500611345
Bar code on intermediate packing - EAN2	8711500611352
Bar code on outerbox - EAN3	8711500611369
Logistic code(s) - 12NC	927914883071
ILCOS code	FSMH-42/30/1B-L/P-GX24q=4
Net weight per piece	83.000 gr

## 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

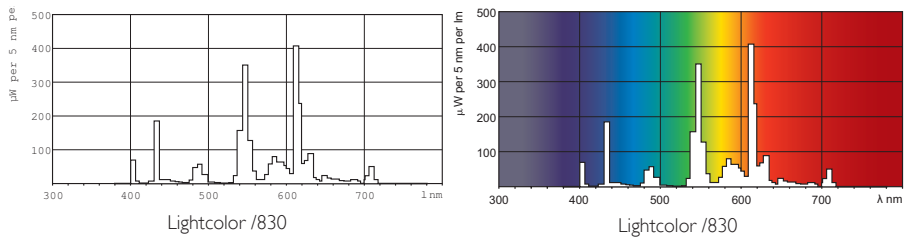
## Dimensional drawing



## MASTER PL-T 42W/830/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)
PL-T 42W/830/4P M	120.7	145.0	160.7	41.0

Photometric data



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2013, October 9  
data subject to change