



# MASTER PL-T 4 Pin

## MASTER PL-T 32W/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-3
Cap-Base Information	4P
Life to 10% fail	8000 hr
Preheat EL,3h	
Life to 10% fail	4500 hr
Nonpreh EL,3h	
Life to 50% fail	13000 hr
Preheat EL,3h	
Life to 50% fail	7000 hr
Nonpreh EL,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	98 %
4000h Rated,3h	
LSF HF Preheat	97 %
6000h Rated,3h	
LSF HF Preheat	90 %
8000h Rated,3h	
LSF HF Preheat	60 %
12000h Rated,3h	

#### • 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	2400 Lm
25°C, Rated	
Luminous Flux EL	2400 Lm
25°C, Nominal	
Lum Efficacy Rated	75 (min) Lm/W
HF 25°C	

LLMF HF 2000h	92 %
Rated	
LLMF HF 4000h	88 %
Rated	
LLMF HF 6000h	86 %
Rated	
LLMF HF 8000h	84 %
Rated	
LLMF HF 12000h	81 %
Rated	
Design Temperature	28 C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	379 -

#### • Electrical Characteristics

Lamp Wattage	32 W
Lamp Wattage EL	32.0 W
25°C, Rated	
Lamp Wattage EL	32 W
25°C, Nominal	
Lamp Voltage EL	100 V
25°C	
Lamp Current EL	0.320 A
25°C	
Dimmable	Yes

#### • Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg
Energy consumption	35 kWh
kWh/1000h	



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## • Measuring Conditions

Calibration Current	0.320 A
HF Generator Rated Voltage	200 V
Resistor	315 ohm

## • Product Dimensions

Base Face to Base Face A	98.7 (max) mm
Insertion Length B	123.0 (max) mm
Overall Length C	138.7 (max) mm
Diameter D	41.0 (max) mm

## • Product Data

Order code	927914784071
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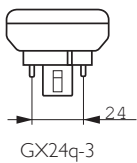
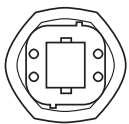
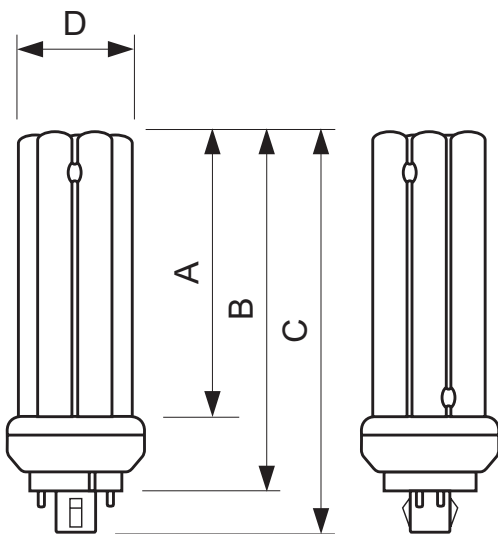
Full product code	927914784071
Full product name	MASTER PL-T 32W/840/4P 1CT
Order product name	MASTER PL-T 32W/840/4P 1CT/5X10CC
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500611314
Bar code on intermediate packing - EAN2	8711500611321
Bar code on outerbox - EAN3	8711500611338
Logistic code(s) - 12NC	927914784071
ILCOS code	FSMH-32/40/1B-L/P-GX24q=3
Net weight per piece	70.000 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

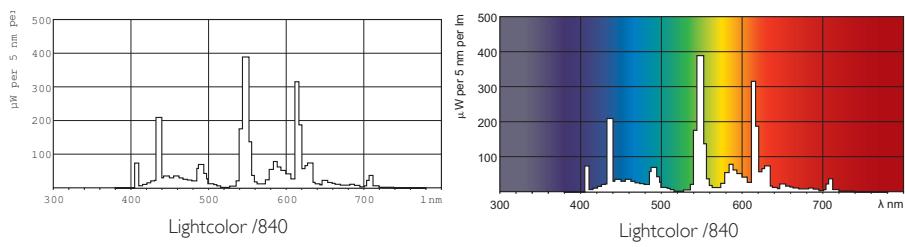
## Dimensional drawing



## MASTER PL-T 32W/840/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)
PL-T 32W/840/4P M	98.7	123.0	138.7	41.0

Photometric data



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2014, July 15  
data subject to change