



# MASTER PL-T 4 Pin



## MASTER PL-T 42W/830/4P 1CT/5X10BOX

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.

### 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.

### Product data

General information		Color Designation	
Cap-Base	GX24Q-4 [ GX24q-4]	Color Designation	Warm White (WW)
Life to 50% Failures Preheat (Nom)	13000 h	Chromaticity Coordinate X (Nom)	0.44
LSF Preheat 2000 h Rated	99 %	Chromaticity Coordinate Y (Nom)	0.403
LSF Preheat 4000 h Rated	98 %	Correlated Color Temperature (Nom)	3000 K
LSF Preheat 6000 h Rated	97 %	Luminous Efficacy (Rated) (Min)	74 lm/W
LSF Preheat 8000 h Rated	90 %	Color Rendering Index (Nom)	80
Flux measurement reference	Sphere	LLMF 2000 h Rated	92 %
		LLMF 4000 h Rated	88 %
		LLMF 6000 h Rated	86 %
		LLMF 8000 h Rated	84 %
		LLMF 12000 h Rated	81 %
Light technical			
Color Code	830 [ CCT of 3000K]		
Luminous Flux (Nom)	3100 lm		
Luminous Flux (Rated) (Nom)	3050 lm		

# MASTER PL-T 4 Pin

## Operating and electrical

Power (Nom)	42.0 W
Lamp Current (Nom)	0.320 A

## Temperature

Design Temperature (Nom)	28 °C
--------------------------	-------

## Controls and dimming

Dimmable	Yes
----------	-----

## Mechanical and housing

Cap-Base Information	4 Pins
----------------------	--------

## Approval and application

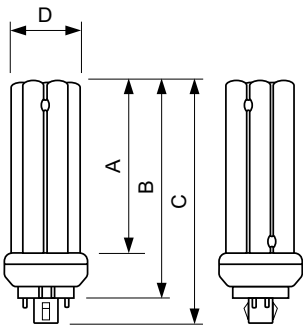
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg

Energy Consumption kWh/1000 h	42 kWh
EPREL Registration Number	423353

## Product data

Full product code	871150061134570
Order product name	MASTER PL-T 42W/830/4P 1CT/5X10BOX
EAN/UPC - Product	8711500611345
Order code	927914883071
Numerator - Quantity Per Pack	1
Local code description	3820714
Numerator - Packs per outer box	50
Material Nr. (12NC)	927914883071
Net Weight (Piece)	83.000 g
ILCOS Code	FSMH-42/30/1B-L/P-GX24q-4

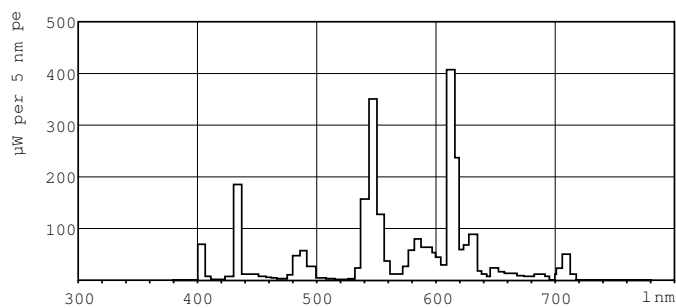
## Dimensional drawing



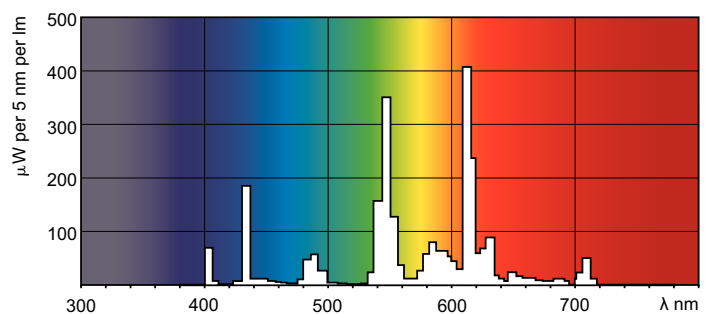
MASTER PL-T 42W/830/4P 1CT/5X10BOX

Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 42W/830/4P 1CT/5X10BOX	41.0 mm	120.7 mm	145.0 mm	160.7 mm

## Photometric data



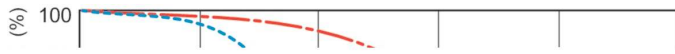
LDPB\_PLT4PN\_830-Spectral power distribution B/W



LDPO\_PLT4PN\_830-Spectral power distribution Colour

# MASTER PL-T 4 Pin

## Lifetime



LDLE\_PLT4PN\_0001-Life expectancy diagram

LDLE\_PLT4PN\_0002-Life expectancy diagram



LDLM\_PLT4PN\_0001-Lumen maintenance diagram

