



# MASTER PL-T 2 Pin

## MASTER PL-T 18W/830/2P 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 2-pin version is designed for operation on electromagnetic gear and is provided with a plug-in/pull-out lamp base.

### Product data

#### • General Characteristics

Cap-Base	GX24d-2
Cap-Base Information	2P
Life to 10% failures EM	6500 hr
Life to 50% failures EM	10000 hr
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	98 %
LSF EM 6000h Rated, 3h cycle	92 %
LSF EM 8000h Rated, 3h cycle	78 %

#### • 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 EM 25°C, Rated	1200 Lm
Luminous Flux EM 25°C, Nominal	1200 Lm
Lum Efficacy Rated EM 25°C	67 (min) Lm/W
LLMF EM 2000h Rated	92 %
LLMF EM 4000h Rated	87 %
LLMF EM 6000h Rated	84 %

LLMF EM 8000h Rated	81 %
Design Temperature	28 C
Chromaticity Coordinate X	434 -
Chromaticity Coordinate Y	397 -

#### • Electrical Characteristics

Lamp Wattage	18 W
Lamp Wattage EM 25°C, Nominal	18 W
Lamp Wattage EM 25°C, Rated	18.0 W
Lamp Voltage EM 25°C	100 V
Lamp Current EM 25°C	0.225 A
Dimmable	No

#### • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	22 kWh

#### • Product Dimensions

Base Face to Base Face A	71.8 (max) mm
Insertion Length B	96.0 (max) mm
Overall Length C	119.2 (max) mm
Diameter D	41 (max) mm

**PHILIPS**

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## • Product Data

Order code	927914383071
Full product code	927914383071
Full product name	MASTER PL-T 18W/830/2P 1CT
Order product name	MASTER PL-T 18W/830/2P 1CT/ 5X10CC
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50

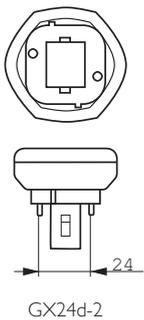
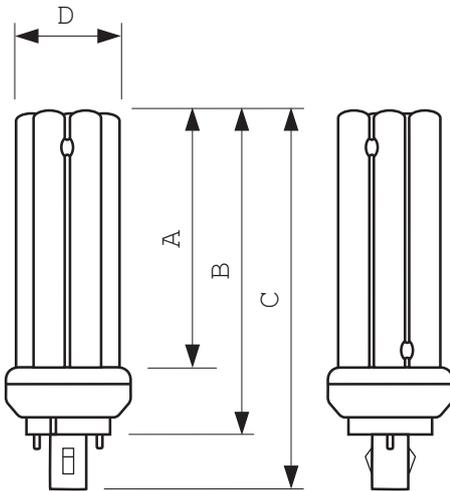
Bar code on pack - EAN1	8711500610508
Bar code on intermediate packing - EAN2	8711500610515
Bar code on outerbox - EAN3	8711500610591
Logistic code(s) - 12NC	927914383071
ILCOS code	FSM-18/30/1B-I-GX24d=2
Net weight per piece	59.000 gr

## 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

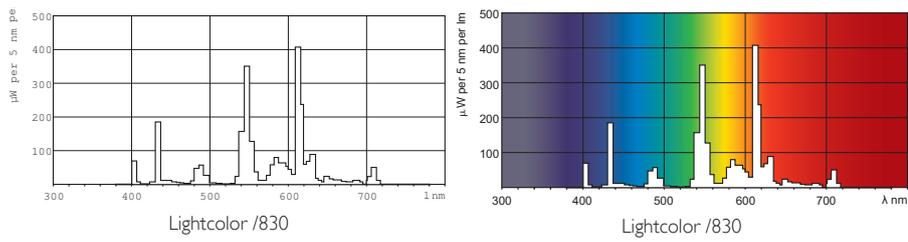
## Dimensional drawing



## MASTER PL-T 18W/830/2P 1CT

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

Photometric data



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2013, October 9  
data subject to change