



MASTER PL-T 4 Pin

MASTER PL-T 42W/840/4P 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		Operating and Electrical	
Cap-Base	GX24Q-4 [GX24q-4]	Correlated Color Temperature (Nom)	4000 K
Life to 50% Failures Preheat (Nom)	13000 h	Luminous Efficacy (Rated) (Min)	74 lm/W
LSF Preheat 2000 h Rated	99 %	Color Rendering Index (Nom)	82
LSF Preheat 4000 h Rated	98 %	LLMF 2000 h Rated	92 %
LSF Preheat 6000 h Rated	97 %	LLMF 4000 h Rated	88 %
LSF Preheat 8000 h Rated	90 %	LLMF 6000 h Rated	86 %
		LLMF 8000 h Rated	84 %
		LLMF 12000 h Rated	81 %
Light Technical			
Color Code	840 [CCT of 4000K]	Power (Nom)	41.0 W
Luminous Flux (Nom)	3200 lm	Lamp Current (Nom)	0.320 A
Luminous Flux (Rated) (Nom)	3050 lm		
Color Designation	Cool White (CW)		

MASTER PL-T 4 Pin

Temperature

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

Controls and Dimming

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

Mechanical and Housing

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

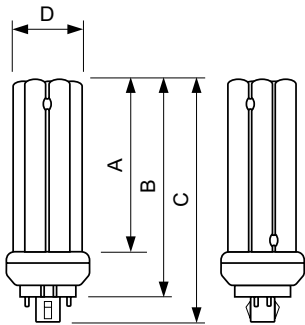
Approval and Application

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

Product Data

Full product code	871150061137670
Order product name	MASTER PL-T 42W/840/4P 1CT/5X10BOX
EAN/UPC - Product	8711500611376
Order code	927914884071
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927914884071
Net Weight (Piece)	83.000 g
ILCOS Code	FSMH-42/40/1B-L/P-GX24q=4

Dimensional drawing

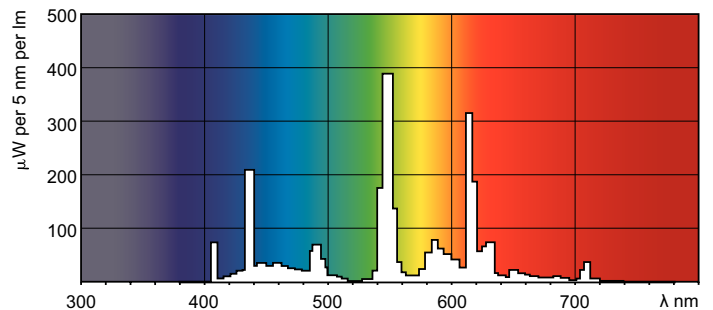


PL-T 42W/840/4P M

Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 42W/840/4P 1CT/ 5X10BOX	41.0 mm	120.7 mm	145.0 mm	160.7 mm

Photometric data

LDPB_PLT4PN_840-Spectral power distribution B/W

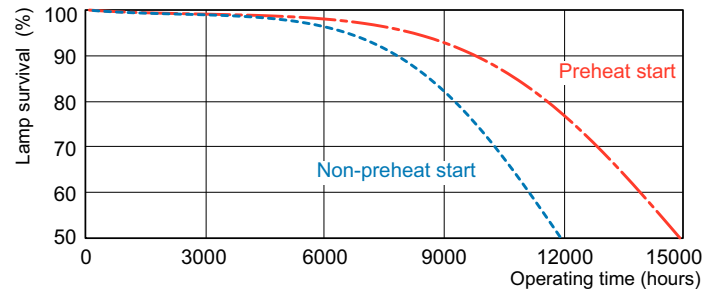


LDPB_PLT4PN_840-Spectral power distribution B/W

LDPO_PLT4PN_840-Spectral power distribution Colour

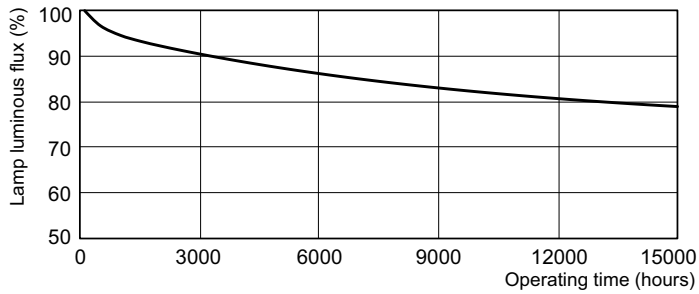
MASTER PL-T 4 Pin

Lifetime



LDLE_PLT4PN_0001-Life expectancy diagram

LDLE_PLT4PN_0002-Life expectancy diagram



LDLM_PLT4PN_0001-Lumen maintenance diagram

