



MASTER PL-T 4 Pin



MASTER PL-T 42W/830/4P 1CT/5X10CC

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	
Cap base	GX24Q-4 [GX24q-4]
Life to 50% failures preheat (nom.)	13000 h
LSF preheat 2,000 hours rated	99 %
LSF preheat 4,000 hours rated	98 %
LSF preheat 6,000 hours rated	97 %
LSF preheat 8,000 hours rated	90 %
	Sphere
Light Technical	
Colour Code	830 [CCT of 3,000 K]
Luminous flux (nom.)	3100 lm
Luminous flux (rated) (nom.)	3050 lm

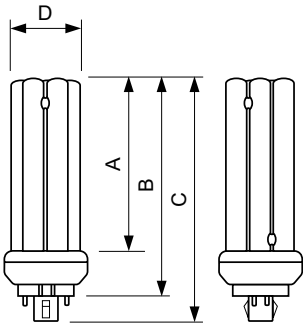
Colour designation	Warm White (WW)
Chromaticity coordinate X (nom.)	0.44
Chromaticity coordinate Y (nom.)	0.403
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (min.)	74 lm/W
Colour rendering index (nom.)	80
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	88 %
LLMF 6000 h Rated	86 %
LLMF 8000 h Rated	84 %
LLMF 12000 h Rated	81 %

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Operating and Electrical	
Power (Rated) (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	4P
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	1.4 mg

Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	42 kWh
	423353
Product Data	
Full product code	871150061134570
Order product name	MASTER PL-T 42W/830/4P 1CT/5X10BOX
EAN/UPC – product	8711500611345
Order code	61134570
SAP numerator – quantity per pack	1
Numerator – packs per outer box	50
SAP material	927914883071
SAP net weight (piece)	83.000 g
ILCOS code	FSMH-42/30/1B-L/P-GX24q=4

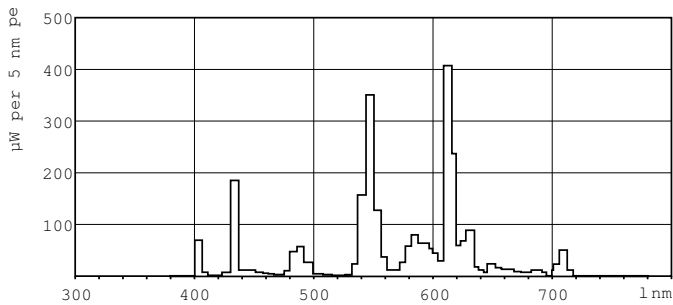
Dimensional drawing



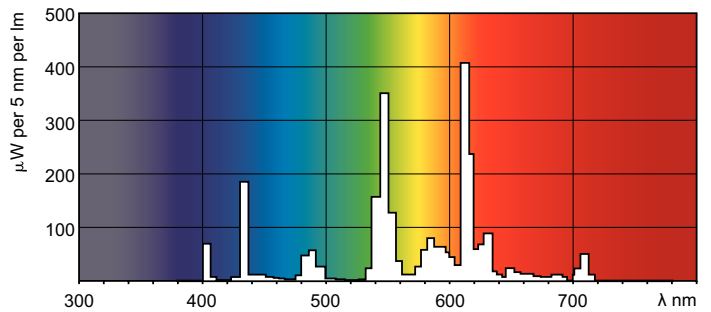
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Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T 42W/830/4P 1CT/ 5X10BOX	41.0 mm	120.7 mm	145.0 mm	160.7 mm

Photometric data



LDPB_PLT4PN_830-Spectral power distribution B/W



Lightcolour /830

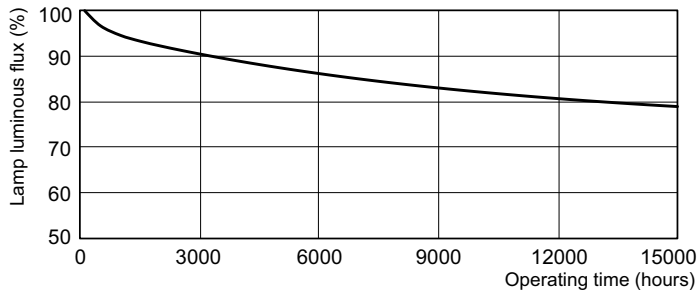
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Lifetime



LDLE_PLT4PN_0001-Life expectancy diagram

LDLE_PLT4PN_0002-Life expectancy diagram



LDLM_PLT4PN_0001-Lumen maintenance diagram

