



MASTER PL-T 4 Pin



MASTER PL-T 42W/840/4P 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

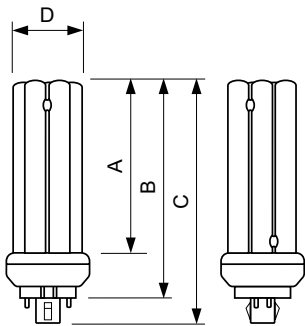
| General Information | | Colour designation | |
|-------------------------------------|---------------------------|-------------------------------------|-----------------|
| Cap base | GX24Q-4 [GX24q-4] | Colour designation | Cool White (CW) |
| Life to 50% failures preheat (nom.) | 13000 h | Chromaticity coordinate X (nom.) | 0.38 |
| LSF preheat 2,000 hours rated | 99 % | Chromaticity coordinate Y (nom.) | 0.38 |
| LSF preheat 4,000 hours rated | 98 % | Correlated Colour Temperature (Nom) | 4000 K |
| LSF preheat 6,000 hours rated | 97 % | Luminous efficacy (rated) (min.) | 74 lm/W |
| LSF preheat 8,000 hours rated | 90 % | Colour rendering index (nom.) | 80 |
| | 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 | | | |
| Colour Code | 841 [CCT of 4100K (841)] | | |
| Luminous flux (nom.) | 3100 lm | | |
| Luminous flux (rated) (nom.) | 3050 lm | | |

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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 |
| | 423354 |
| Product Data | |
| Full product code | 871150061137670 |
| Order product name | MASTER PL-T 42W/840/4P 1CT/5X10BOX |
| EAN/UPC – product | 8711500611376 |
| Order code | 61137670 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 50 |
| SAP material | 927914884071 |
| SAP net weight (piece) | 83.000 g |
| ILCOS code | FSMH-42/40/1B-L/P-GX24q=4 |

Dimensional drawing

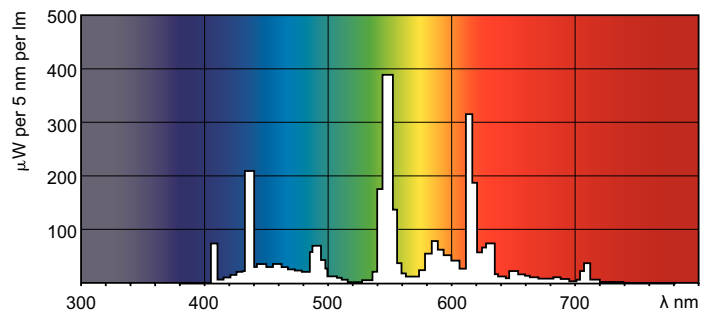


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| Product | D (max) | A (max) | B (max) | C (max) |
|------------------------------------|---------|----------|----------|----------|
| MASTER PL-T 42W/840/4P 1CT/5X10BOX | 41.0 mm | 120.7 mm | 145.0 mm | 160.7 mm |

Photometric data

m ESC

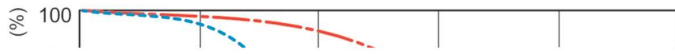


LDPB_PLT4PN_840-Spectral power distribution B/W

Lightcolour /840

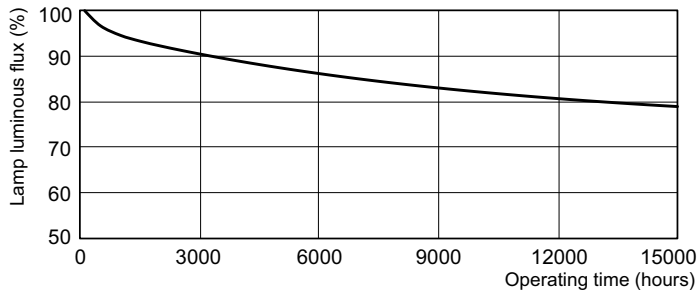
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Lifetime



LDLE_PLT4PN_0001-Life expectancy diagram

LDLE_PLT4PN_0002-Life expectancy diagram



LDLM_PLT4PN_0001-Lumen maintenance diagram

