



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 | | Operating and Electrical | |
|------------------------------------|---------------------|------------------------------------|---------|
| Cap-Base | GX24Q-4 [GX24q-4] | Correlated Color Temperature (Nom) | 3000 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) | >80 |
| 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 | 830 [CCT of 3000K] | Power (Nom) | 41.0 W |
| Luminous Flux (Nom) | 3200 lm | Lamp Current (Nom) | 0.320 A |
| Luminous Flux (Rated) (Nom) | 3050 lm | | |
| Color Designation | Warm White (WW) | | |

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Temperature

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

Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

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

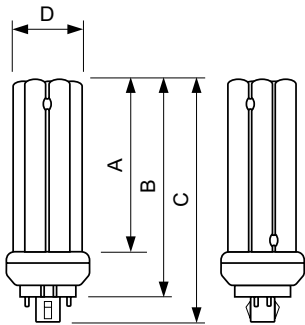
Approval and Application

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

Product Data

| | |
|---------------------------------|------------------------------------|
| Full product code | 871150061134570 |
| Order product name | MASTER PL-T 42W/830/4P 1CT/5X10BOX |
| EAN/UPC - Product | 8711500611345 |
| Order code | 927914883071 |
| Numerator - Quantity Per Pack | 1 |
| 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 |

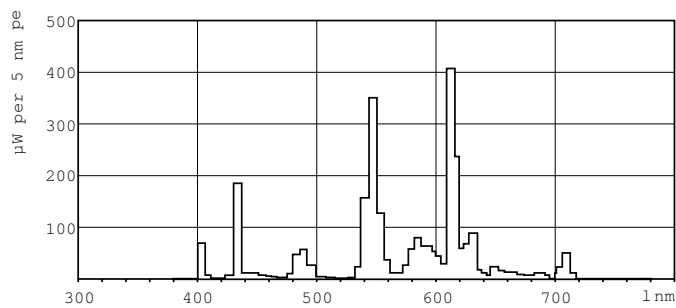
Dimensional drawing



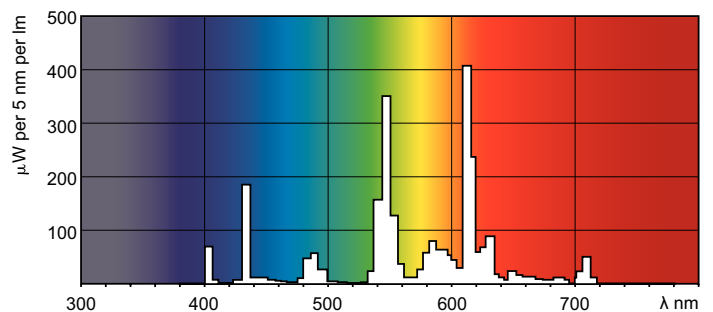
PL-T 42W/830/4P M

| 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

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Lifetime



LDLE_PLT4PN_0001-Life expectancy diagram

LDLE_PLT4PN_0002-Life expectancy diagram



LDLM_PLT4PN_0001-Lumen maintenance diagram

