



MASTER PL-T 2 Pin

MASTER PL-T 18W/840/2P 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 2-pin version is designed for operation on electromagnetic gear and is provided with a plug-in/pull-out lamp base.

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
- 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

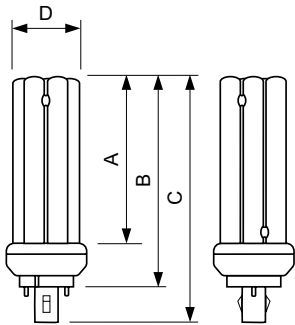
| General Information | | Operating and Electrical | |
|----------------------------|---------------------|------------------------------------|-----------------|
| Cap-Base | GX24D-2 [GX24d-2] | Luminous Flux (Rated) (Nom) | 1200 lm |
| Life To 10% Failures (Nom) | 6500 h | Color Designation | Cool White (CW) |
| Life to 50% Failures (Nom) | 10000 h | Correlated Color Temperature (Nom) | 4000 K |
| LSF 2000 h Rated | 99 % | Luminous Efficacy (Rated) (Min) | 67 lm/W |
| LSF 4000 h Rated | 98 % | Color Rendering Index (Nom) | 82 |
| LSF 6000 h Rated | 92 % | LLMF 2000 h Rated | 92 % |
| LSF 8000 h Rated | 78 % | LLMF 4000 h Rated | 87 % |
| | | LLMF 6000 h Rated | 84 % |
| | | LLMF 8000 h Rated | 81 % |
| Light Technical | | | |
| Color Code | 840 [CCT of 4000K] | Power (Nom) | 18 W |
| Luminous Flux (Nom) | 1200 lm | | |

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| | |
|---------------------------------|---------|
| Lamp Current (Nom) | 0.225 A |
| Temperature | |
| Design Temperature (Nom) | 28 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Cap-Base Information | 2 Pins |
| Approval and Application | |
| Energy Efficiency Label (EEL) | B |
| Mercury (Hg) Content (Nom) | 1.4 mg |

| | |
|---------------------------------|------------------------------------|
| Energy Consumption kWh/1000 h | 22 kWh |
| Product Data | |
| Full product code | 871150061061470 |
| Order product name | MASTER PL-T 18W/840/2P 1CT/5X10BOX |
| EAN/UPC - Product | 8711500610614 |
| Order code | 927914384071 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 50 |
| Material Nr. (12NC) | 927914384071 |
| Net Weight (Piece) | 59.000 g |
| ILCOS Code | FSM-18/40/1B-I-GX24d=2 |

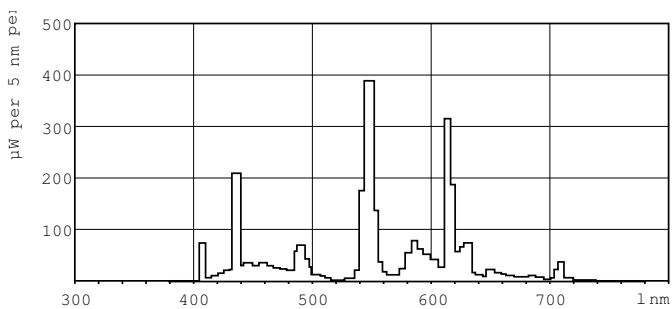
Dimensional drawing



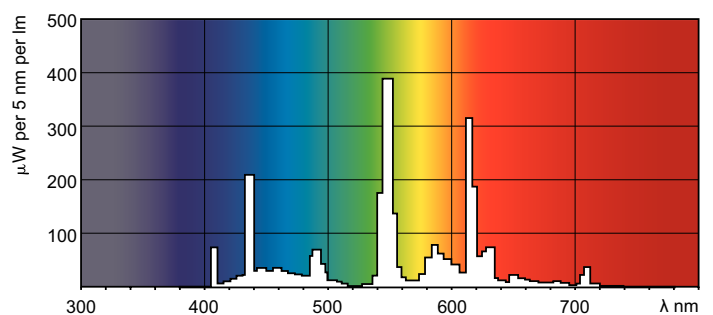
PL-T 18W/840/2P M

| Product | D (max) | A (max) | B (max) | C (max) |
|--|---------|---------|---------|----------|
| MASTER PL-T 18W/840/2P 1CT/ 5X10BOX | 41 mm | 71.8 mm | 96.0 mm | 119.2 mm |

Photometric data



LDPB_PLT2PN_840-Spectral power distribution B/W



LDPO_PLT2PN_840-Spectral power distribution Colour

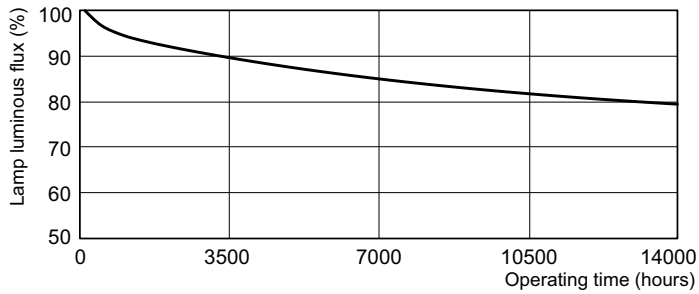
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Lifetime



LDLE_PLT2PN_0001-Life expectancy diagram

LDLE_PLT2PN_0002-Life expectancy diagram



LDLM_PLT2PN_0001-Lumen maintenance diagram

