



MASTER PL-L Polar 4 Pin

MASTER PL-L Polar 24W/830/4P 1CT/25

MASTER PL-L Polar is a medium to high-wattage linear compact fluorescent lamp, typically used for lower-temperature applications such as outdoor lighting and cold storage. The original Philips-invented bridge technology guarantees optimum performance in the lower-temperature applications. It is designed for operation on electromagnetic as well as electronic HF control gear and is provided with a plug-in/pull-out lamp base.

Product data

| General Information | |
|------------------------------------|--|
| Cap-Base | 2G11 [2G11] |
| Main Application | Low Temperature [Low Temperature environment] |
| Life To 10% Failures (Nom) | 10000 h |
| Life to 50% Failures (Nom) | 15000 h |
| Life to 50% Failures Preheat (Nom) | 20000 h |
| System Description | - |
| LSF 2000 h Rated | 99 % |
| LSF 4000 h Rated | 98 % |
| LSF 6000 h Rated | 96 % |
| LSF 8000 h Rated | 94 % |
| LSF 12000 h Rated | 80 % |
| LSF Preheat 2000 h Rated | 99 % |
| LSF Preheat 4000 h Rated | 99 % |
| LSF Preheat 6000 h Rated | 98 % |
| LSF Preheat 8000 h Rated | 97 % |
| LSF Preheat 16000 h Rated | 82 % |

| LSF Preheat 20000 h Rated | 50 % |
|------------------------------------|---------------------|
| Light Technical | |
| Color Code | 830 [CCT of 3000K] |
| Luminous Flux (Nom) | 1800 lm |
| Luminous Flux (Rated) (Nom) | 1800 lm |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 75 lm/W |
| Color Rendering Index (Nom) | 82 |
| LLMF 2000 h Rated | 94 % |
| LLMF 4000 h Rated | 93 % |
| LLMF 6000 h Rated | 92 % |
| LLMF 8000 h Rated | 91 % |
| LLMF 12000 h Rated | 90 % |
| LLMF 16000 h Rated | 90 % |
| LLMF 20000 h Rated | 90 % |

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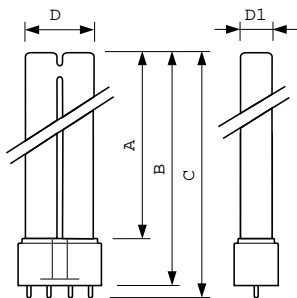
| Operating and Electrical | |
|-------------------------------|---------|
| Power (Rated) (Nom) | 24.0 W |
| Lamp Current (Nom) | 0.350 A |
| Temperature | |
| Design Temperature (Nom) | 18 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Cap-Base Information | 4 Pins |
| Approval and Application | |
| Energy Efficiency Label (EEL) | A |

| Mercury (Hg) Content (Nom) | 2.0 mg |
|---------------------------------|-------------------------------------|
| Energy Consumption kWh/1000 h | 26 kWh |
| Product Data | |
| Full product code | 871150026154040 |
| Order product name | MASTER PL-L Polar 24W/830/4P 1CT/25 |
| EAN/UPC - Product | 8711500261540 |
| Order code | 927930583070 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 927930583070 |
| Net Weight (Piece) | 82.000 g |
| ILCOS Code | FSD-24/30/1B-E-2G11 |

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 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.

Dimensional drawing

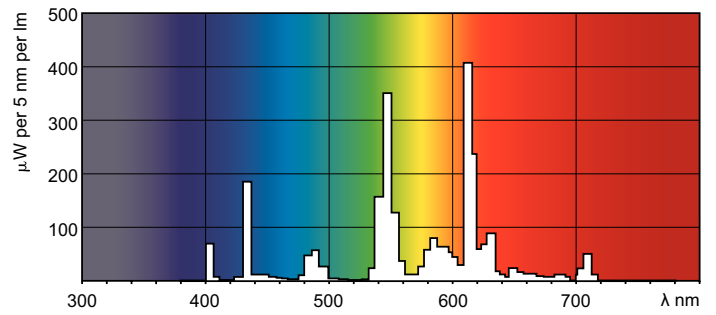
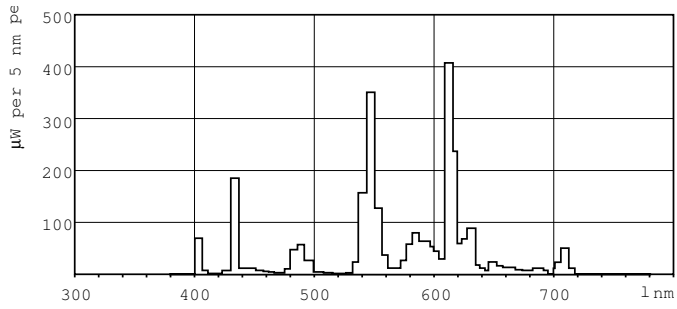


PL-L 24W/830/4P LT

| Product | D (max) | D1 (max) | A (max) | B (max) | C (max) |
|---|---------|----------|---------|---------|----------|
| MASTER PL-L Polar 24W/ 830/4P 1CT/25 | 39.0 mm | 18.0 mm | 290 mm | 315 mm | 321.6 mm |

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Photometric data



Lightcolor /830

Lightcolor /830

