



MASTER PL-L Polar 4 Pin

MASTER PL-L Polar 55W/840/4P 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.

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.

Product data

| General Information | |
|------------------------------------|--|
| Cap-Base | 2G11 [2G11] |
| Main Application | Low Temperature [Low Temperature environment] |
| Life to 50% Failures Preheat (Nom) | 20000 h |
| System Description | High Frequency |
| 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 | 840 [CCT of 4000K] |
| Luminous Flux (Nom) | 4800 lm |
| Luminous Flux (Rated) (Nom) | 4800 lm |
| Color Designation | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 87 lm/W |
| Color Rendering Index (Nom) | 82 |
| LLMF 2000 h Rated | 95 % |

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| | |
|--------------------|------|
| LLMF 4000 h Rated | 94 % |
| LLMF 6000 h Rated | 93 % |
| LLMF 8000 h Rated | 92 % |
| LLMF 12000 h Rated | 91 % |
| LLMF 16000 h Rated | 90 % |
| LLMF 20000 h Rated | 90 % |

Operating and Electrical

| | |
|--------------------|---------|
| Power (Nom) | 55 W |
| Lamp Current (Nom) | 0.550 A |

Temperature

| | |
|--------------------------|-------|
| Design Temperature (Nom) | 18 °C |
|--------------------------|-------|

Controls and Dimming

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

Mechanical and Housing

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

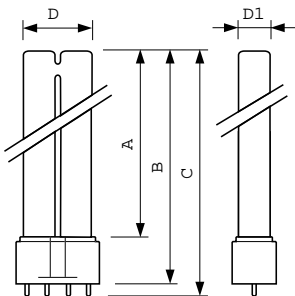
Approval and Application

| | |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content (Nom) | 2.0 mg |
| Energy Consumption kWh/1000 h | 61 kWh |

Product Data

| | |
|---------------------------------|-------------------------------------|
| Full product code | 871150026164940 |
| Order product name | MASTER PL-L Polar 55W/840/4P 1CT/25 |
| EAN/UPC - Product | 8711500261649 |
| Order code | 927931584070 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 927931584070 |
| Net Weight (Piece) | 134.000 g |
| ILCOS Code | FSDH-55/40/1B-L/P-2G11 |

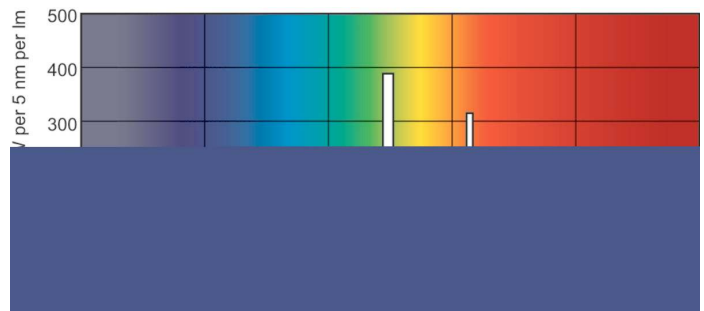
Dimensional drawing



PL-L 55W/840/4P LT HF

| Product | D (max) | D1 (max) | A (max) | B (max) | C (max) |
|---|---------|----------|---------|---------|----------|
| MASTER PL-L Polar 55W/ 840/4P 1CT/25 | 39.0 mm | 18.0 mm | 510 mm | 535 mm | 541.6 mm |

Photometric data



LDPB_PLL4PLT_840-Spectral power distribution B/W

LDPO_PLL4PLT_840-Spectral power distribution Colour

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