



MASTER PL-L Polar 4 Pin



MASTER PL-L POLAR 55W/840/4P 1CT/25

Energy-saving compact fluorescent lamps; Compact long-arc low-pressure mercury discharge lamp; Envelope consists of 2 parallel fluorescent tubes linked by a bridge; 4-pin base without gear

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 [High Frequency (HF)] |
| 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 % |
| Flux measurement reference | Sphere |

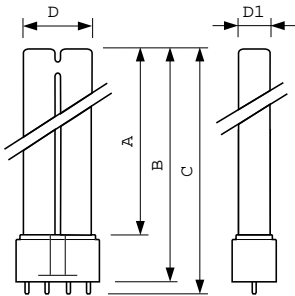
| Light technical | |
|--------------------------------------|---------------------|
| Colour Code | 840 [CCT of 4000K] |
| Luminous Flux (Nom) | 4650 lm |
| Luminous Flux (Rated) (Nom) | 4800 lm |
| Colour Designation | Cool White (CW) |
| Chromaticity Coordinate X (Nom) | 0.38 |
| Chromaticity Coordinate Y (Nom) | 0.38 |
| Colour Temperature, horizontal (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 87 lm/W |
| Colour Rendering Index horiz (Nom) | 80 |
| Depreciation 2000 hrs | 95 % |
| LLMF 4000 h Rated | 94 % |
| Depreciation 5000 hrs | 93 % |
| LLMF 8000 h Rated | 92 % |

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| | |
|---------------------------------|---------|
| LLMF 12000 h Rated | 91 % |
| LLMF 16000 h Rated | 90 % |
| LLMF 20000 h Rated | 90 % |
| Operating and electrical | |
| Power (Rated) (Nom) | 55.3 W |
| Lamp Current (Nom) | 0.550 A |
| Temperature | |
| Design Temperature (Nom) | 18 °C |
| Controls and dimming | |
| Dimmable | Yes |
| Mechanical and housing | |
| Cap-Base Information | 4P |
| Approval and application | |
| Energy Efficiency Class | G |

| | |
|---------------------------------|-------------------------------------|
| Mercury (Hg) Content (Max) | 2 mg |
| Mercury (Hg) Content (Nom) | 2.0 mg |
| Energy Consumption kWh/1000 h | 56 kWh |
| EPREL Registration Number | 423577 |
| Product data | |
| Full product code | 871150026164940 |
| Order product name | MASTER PL-L Polar 55W/840/4P 1CT/25 |
| EAN/UPC - Product | 8711500261649 |
| Order code | 26164940 |
| 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 |

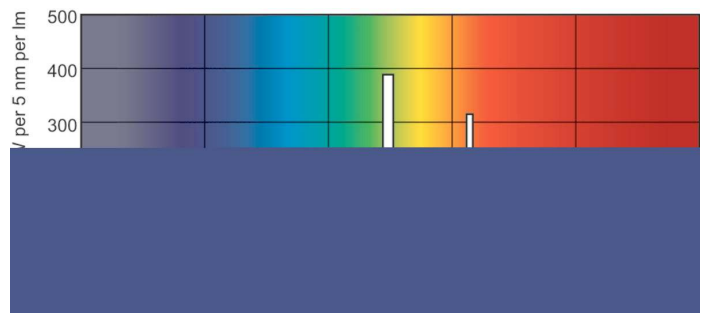
Dimensional drawing



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| 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



Lightcolour /840

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