



# MASTER PL-L Polar 4 Pin

## MASTER PL-L POLAR 24W/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 10% failures (nom.)         | 10000 h  |
| Life to 50% failures (nom.)         | 15000 h  |
| Life to 50% failures preheat (nom.) | 20000 h  |
| System description                  | na [ -]  |
| 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 2,000 hours rated       | 99 %   |

|                                |      |
|--------------------------------|------|
| LSF preheat 4,000 hours rated  | 99 % |
| LSF preheat 6,000 hours rated  | 98 % |
| LSF preheat 8,000 hours rated  | 97 % |
| LSF preheat 16,000 hours rated | 82 % |
| LSF preheat 20,000 hours rated | 50 % |

| Light Technical                     |                       |
|-------------------------------------|-----------------------|
| Colour Code                         | 840 [ CCT of 4,000 K] |
| Luminous flux (nom.)                | 1800 lm               |
| Luminous flux (rated) (nom.)        | 1800 lm               |
| Colour designation                  | Cool White (CW)       |
| Correlated Colour Temperature (Nom) | 4000 K                |
| Luminous efficacy (rated) (nom.)    | 75 lm/W               |
| Colour rendering index (nom.)       | 82                    |

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|                    |      |
|--------------------|------|
| 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 % |

## 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 | 4P |
|----------------------|----|

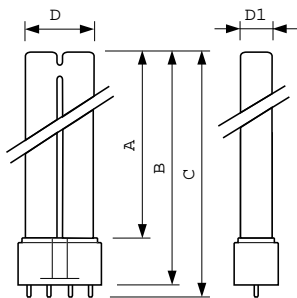
## Approval and Application

|                                    |        |
|------------------------------------|--------|
| Energy efficiency label (EEL)      | A      |
| Mercury (Hg) content (nom.)        | 2.0 mg |
| Energy consumption kWh/1,000 hours | 26 kWh |

## Product Data

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Full product code                   | 871150026156440                     |
| Order product name                  | MASTER PL-L Polar 24W/840/4P 1CT/25 |
| EAN/UPC – product                   | 8711500261564                       |
| Order code                          | 26156440                            |
| Local code                          | 24PLL840POLAR                       |
| Numerator – quantity per pack       | 1                                   |
| SAP numerator – packs per outer box | 25                                  |
| Material no. (12 NC)                | 927930584070                        |
| SAP net weight (piece)              | 82.000 g                            |
| ILCOS code                          | FSD-24/40/1B-E-2G11                 |

## Dimensional drawing

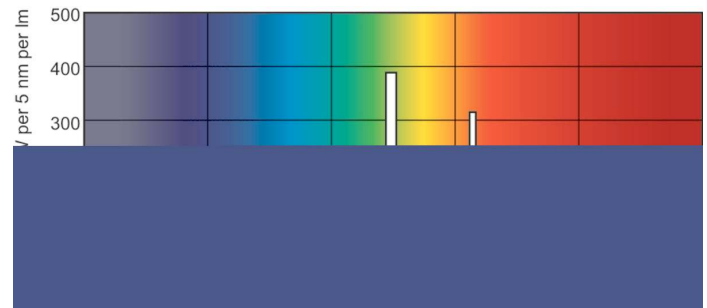


PL-L 24W/840/4P LT

## Product

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## Photometric data



Lightcolour /840

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