



# PL-Q 4 Pin

## PL-Q 16W/827/4P 1CT/10

Compact fluorescent lamps with a quadrant-like shape

### 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 HF 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                            | GR10Q [ GR10q]        |
| Life to 50% failures preheat (nom.) | 13000 h               |
| LSF preheat 2,000 hours rated       | 99 %                  |
| LSF preheat 4,000 hours rated       | 98 %                  |
| LSF preheat 6,000 hours rated       | 95 %                  |
| LSF preheat 8,000 hours rated       | 89 %                  |
| LSF preheat 16,000 hours rated      | 22 %                  |
| LSF preheat 20,000 hours rated      | 4 %                   |
| Light Technical                     |                       |
| Colour Code                         | 827 [ CCT of 2,700 K] |
| Luminous flux (nom.)                | 1050 lm               |
| Luminous flux (rated) (nom.)        | 1050 lm               |
| Colour designation                  | Incandescent White    |
| Correlated Colour Temperature (Nom) | 2700 K                |
| Luminous efficacy (rated) (nom.)    | 66.6 lm/W             |
| Colour rendering index (nom.)       | 82                    |

|                    |      |
|--------------------|------|
| LLMF 2000 h Rated  | 90 % |
| LLMF 4000 h Rated  | 86 % |
| LLMF 6000 h Rated  | 83 % |
| LLMF 8000 h Rated  | 80 % |
| LLMF 12000 h Rated | 79 % |
| LLMF 16000 h Rated | 78 % |
| LLMF 20000 h Rated | 78 % |

| Operating and Electrical |         |
|--------------------------|---------|
| Power (Rated) (Nom)      | 16.0 W  |
| Lamp current (nom.)      | 0.195 A |

| Temperature               |       |
|---------------------------|-------|
| Design temperature (nom.) | 25 °C |

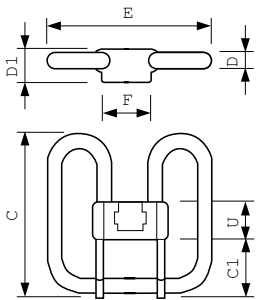
| Controls and Dimming |     |
|----------------------|-----|
| Dimmable             | Yes |

# PL-Q 4 Pin

| Mechanical and Housing             |                           |
|------------------------------------|---------------------------|
| Cap-base information               | 4P                        |
| Approval and Application           |                           |
| Energy efficiency label (EEL)      | A                         |
| Mercury (Hg) content (nom.)        | 4 mg                      |
| Energy consumption kWh/1,000 hours | 18 kWh                    |
| Product Data                       |                           |
| Full product code                  | 871150026988125           |
| Order product name                 | PL-Q 16W/827/4P 1CT/10BOX |

|                                   |                      |
|-----------------------------------|----------------------|
| EAN/UPC – product                 | 8711500269881        |
| Order code                        | 26988125             |
| Local code                        | 16PLQ8274PIN         |
| SAP numerator – quantity per pack | 1                    |
| Numerator – packs per outer box   | 10                   |
| Material no. (12 NC)              | 927939182740         |
| SAP net weight (piece)            | 68.000 g             |
| ILCOS code                        | FSS-16/27/1B-E-GR10q |

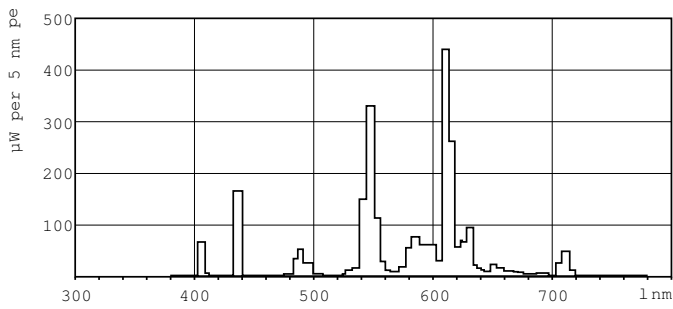
## Dimensional drawing



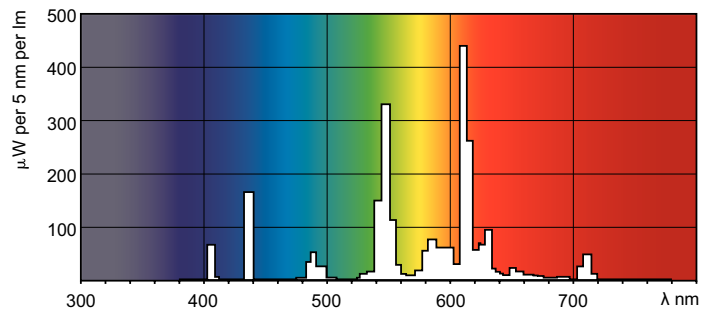
PL-Q 16W/827/4P

| Product                           | U (max) | D (max) | D1 (max) | C (max) | C1 (max) | F (max) | E (max) |
|-----------------------------------|---------|---------|----------|---------|----------|---------|---------|
| PL-Q 16W/<br>827/4P 1CT/<br>10BOX | 40 mm   | 13.7 mm | 27.5 mm  | 138 mm  | 49 mm    | 40.5 mm | 135 mm  |

## Photometric data



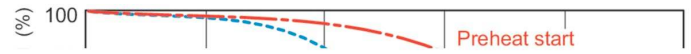
Lightcolour /827



Lightcolour /827

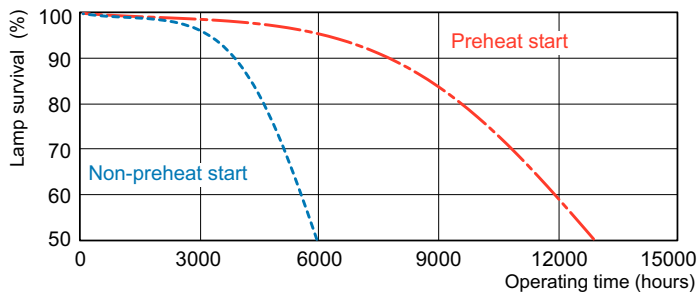
# PL-Q 4 Pin

## Lifetime



LDLM\_PLQ4P\_0001-Lumen maintenance diagram

LDLE\_PLQ4P\_0002-Life expectancy diagram



LDLE\_PLQ4P\_0001-Life expectancy diagram

