



# PL-Q 4 Pin



## PL-Q 28W/835/4P 1CT/10BOX

PL-Q is an efficient, square-shaped compact fluorescent lamp, typically used in decorative-lighting luminaires. While offering the advantage of energy-efficient operation, it also provides design freedom for flat ceiling or wall fixtures in particular, due to its low built-in height and uniform spread of light. The 4-pin version is designed for operation on electronic 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 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

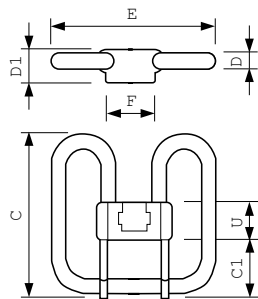
| General Information                |                     |                                    |            |
|------------------------------------|---------------------|------------------------------------|------------|
| Cap-Base                           | GR10Q [ GR10q]      | Luminous Flux (Rated) (Nom)        | 2050 lm    |
| Life to 50% Failures Preheat (Nom) | 13000 h             | Color Designation                  | White (WH) |
| LSF Preheat 2000 h Rated           | 99 %                | Chromaticity Coordinate X (Nom)    | 0.409      |
| LSF Preheat 4000 h Rated           | 98 %                | Chromaticity Coordinate Y (Nom)    | 0.394      |
| LSF Preheat 6000 h Rated           | 95 %                | Correlated Color Temperature (Nom) | 3500 K     |
| LSF Preheat 8000 h Rated           | 89 %                | Luminous Efficacy (rated) (Nom)    | 73.2 lm/W  |
| LSF Preheat 16000 h Rated          | 22 %                | Color Rendering Index (Nom)        | 81         |
| LSF Preheat 20000 h Rated          | 4 %                 | LLMF 2000 h Rated                  | 90 %       |
| Flux measurement reference         | Sphere              | LLMF 4000 h Rated                  | 86 %       |
| Light Technical                    |                     | LLMF 6000 h Rated                  | 83 %       |
| Color Code                         | 835 [ CCT of 3500K] | LLMF 8000 h Rated                  | 80 %       |
| Luminous Flux (Nom)                | 2050 lm             | LLMF 12000 h Rated                 | 79 %       |
|                                    |                     | LLMF 16000 h Rated                 | 78 %       |

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|                          |         |
|--------------------------|---------|
| LLMF 20000 h Rated       | 78 %    |
| Operating and Electrical |         |
| Power (Nom)              | 28.4 W  |
| Lamp Current (Nom)       | 0.320 A |
| Temperature              |         |
| Design Temperature (Nom) | 25 °C   |
| Controls and Dimming     |         |
| Dimmable                 | Yes     |
| Mechanical and Housing   |         |
| Cap-Base Information     | 4 Pins  |
| Approval and Application |         |
| Energy Efficiency Class  | G       |

|                                 |                           |
|---------------------------------|---------------------------|
| Mercury (Hg) Content (Max)      | 3 mg                      |
| Mercury (Hg) Content (Nom)      | 4 mg                      |
| Energy Consumption kWh/1000 h   | 29 kWh                    |
| EPREL Registration Number       | 423613                    |
| Product Data                    |                           |
| Full product code               | 871150026967625           |
| Order product name              | PL-Q 28W/835/4P 1CT/10BOX |
| EAN/UPC - Product               | 8711500269676             |
| Order code                      | 927939383540              |
| Numerator - Quantity Per Pack   | 1                         |
| Numerator - Packs per outer box | 10                        |
| Material Nr. (12NC)             | 927939383540              |
| Net Weight (Piece)              | 127.000 g                 |
| ILCOS Code                      | FSS-28/35/1B-E-GR10q      |

Dimensional drawing



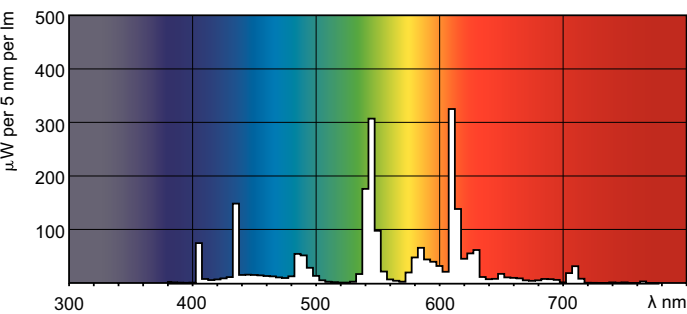
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| Product                           | U (max) | D (max) | D1 (max) | C (max) | C1 (max) | F (max) | E (max) |
|-----------------------------------|---------|---------|----------|---------|----------|---------|---------|
| PL-Q 28W/<br>835/4P 1CT/<br>10BOX | 46.5 mm | 18.9 mm | 33 mm    | 203 mm  | 76 mm    | 41 mm   | 200 mm  |

Photometric data

011

LDPB\_PLQ4P\_835-Spectral power distribution B/W



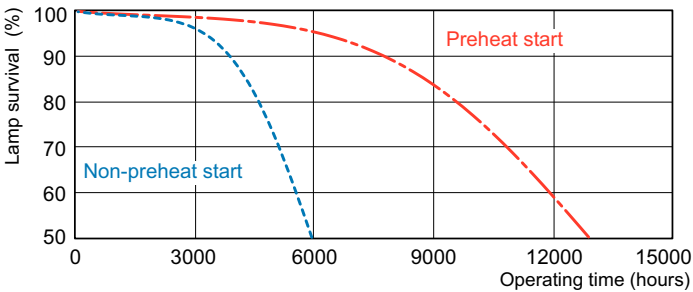
LDPO\_PLQ4P\_835-Spectral power distribution Colour

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Lifetime



LDLM\_PLQ4P\_0001-Lumen maintenance diagram



LDLE\_PLQ4P\_0002-Life expectancy diagram

LDLE\_PLQ4P\_0001-Life expectancy diagram

