



PL-Q 2 Pin



PL-Q 16W/827/2P 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 2-pin version is designed for operation on electromagnetic gear.

Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position
- Dimming is not possible
- 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 | GR8 [GR8] | Luminous Flux (Rated) (Nom) | 1050 lm |
| Life To 10% Failures (Nom) | 6000 h | Color Designation | Incandescent White |
| Life to 50% Failures (Nom) | 8000 h | Chromaticity Coordinate X (Nom) | 0.463 |
| LSF 2000 h Rated | 99 % | Chromaticity Coordinate Y (Nom) | 0.42 |
| LSF 4000 h Rated | 96 % | Correlated Color Temperature (Nom) | 2700 K |
| LSF 6000 h Rated | 89 % | Luminous Efficacy (rated) (Nom) | 66.6 lm/W |
| LSF 8000 h Rated | 73 % | Color Rendering Index (Nom) | 81 |
| Flux measurement reference | Sphere | LLMF 2000 h Rated | 90 % |
| Light technical | | LLMF 4000 h Rated | 85 % |
| Color Code | 827 [CCT of 2700K] | LLMF 6000 h Rated | 82 % |
| Luminous Flux (Nom) | 1050 lm | LLMF 8000 h Rated | 80 % |
| | | LLMF 12000 h Rated | 79 % |
| | | LLMF 16000 h Rated | 78 % |

PL-Q 2 Pin

| | |
|--------------------------|---------|
| LLMF 20000 h Rated | 77 % |
| Operating and electrical | |
| Power (Nom) | 16.2 W |
| Lamp Current (Nom) | 0.196 A |
| Temperature | |
| Design Temperature (Nom) | 25 °C |
| Controls and dimming | |
| Dimmable | No |
| Mechanical and housing | |
| Cap-Base Information | 2 Pins |
| Approval and application | |
| Energy Efficiency Class | G |

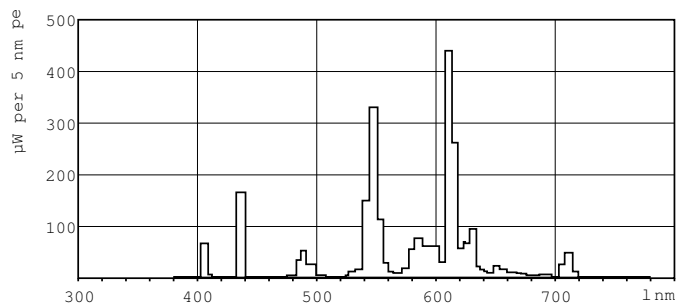
| | |
|---------------------------------|---------------------------|
| Mercury (Hg) Content (Max) | 3 mg |
| Mercury (Hg) Content (Nom) | 4.0 mg |
| Energy Consumption kWh/1000 h | 17 kWh |
| EPREL Registration Number | 423603 |
| Product data | |
| Full product code | 871150026965225 |
| Order product name | PL-Q 16W/827/2P 1CT/10BOX |
| EAN/UPC - Product | 8711500269652 |
| Order code | 927939082740 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 927939082740 |
| Net Weight (Piece) | 68.000 g |
| ILCOS Code | FSS-16/27/1B-I-GR8 |

Dimensional drawing

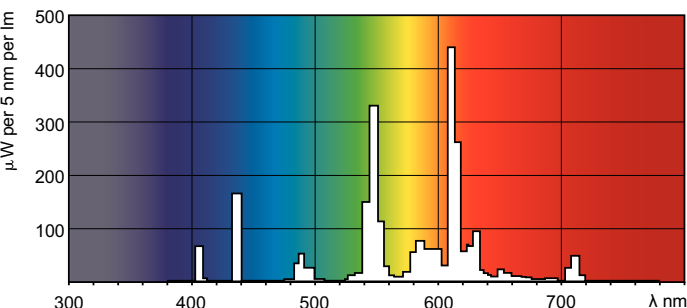
| Product | U (max) | D (max) | D1 (max) | C (max) | C1 (max) | F (max) | E (max) |
|-----------------------------------|---------|---------|----------|---------|----------|---------|---------|
| PL-Q 16W/ 827/2P 1CT/ 10BOX | 40 mm | 13.7 mm | 27.0 mm | 138 mm | 49 mm | 40.5 mm | 135 mm |

PL-Q 16W/827/2P 1CT/10BOX

Photometric data



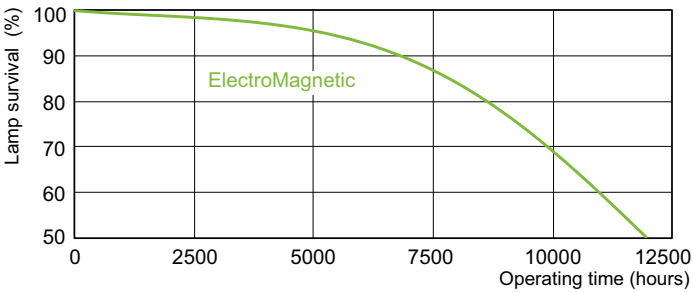
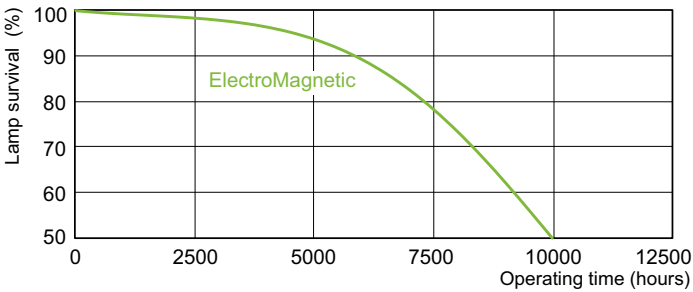
LDPB_PLQ2P_827-Spectral power distribution B/W



LDPO_PLQ2P_827-Spectral power distribution Colour

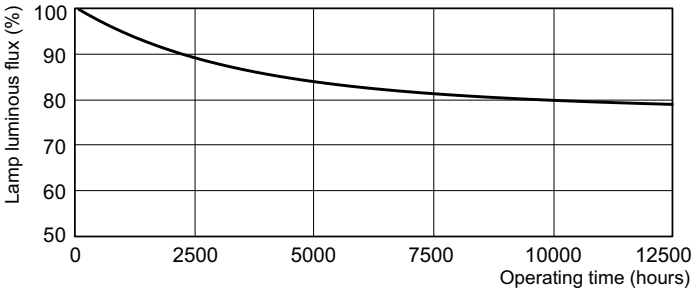
PL-Q 2 Pin

Lifetime



LDLE_PLQ2P_0001-Life expectancy diagram

LDLE_PLQ2P_0002-Life expectancy diagram



LDLM_PLQ2P_0001-Lumen maintenance diagram

