

## PL-Q

### PL-Q 4 Pin



#### The alternative!

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.

#### Product Benefits

- Low built-in height
- Multiple light color choice
- Good color rendering (CRI > 80)
- Dimming possible down to 10%

#### Product Features

- 4-pin base
- Fluorescent tri-phosphor technology

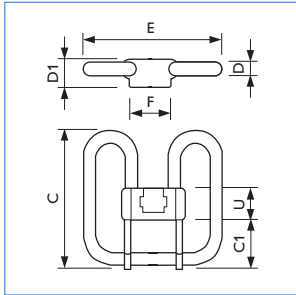
#### Application

- Ideal for applications such as corridors, toilets, stairwells and reception areas

#### 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.



|    | C    | CI   | D    | DI   | E    | F    | U    |
|----|------|------|------|------|------|------|------|
| mm | max. | max. | max. | max. | max. | max. | max. |
| 1  | 138  | 49   | 13.7 | 27.5 | 135  | 40.5 | 40.0 |
| 2  | 203  | 76   | 18.9 | 33.0 | 200  | 41.0 | 46.5 |

| Type | Wattage/Colour Code/Pins | Packing type | Packing configuration |       | Colour Rendering Index (R <sub>a</sub> ) | Energy consumption kWh/1000h (kWh) |   | mm | Ordering number 8711500... |
|------|--------------------------|--------------|-----------------------|-------|------------------------------------------|------------------------------------|---|----|----------------------------|
| PL-Q | 16W/827/4P               | ICT          | 10                    | GR10q | 82                                       | 18                                 | A | 1  | <b>26988125</b>            |
| PL-Q | 16W/830/4P               | ICT          | 10                    | GR10q | 82                                       | 18                                 | A | 1  | <b>26989825</b>            |
| PL-Q | 16W/835/4P               | ICT          | 10                    | GR10q | 82                                       | 18                                 | A | 1  | <b>27206525</b>            |
| PL-Q | 28W/827/4P               | ICT          | 10                    | GR10q | 82                                       | 31                                 | A | 2  | <b>26991125</b>            |
| PL-Q | 28W/830/4P               | ICT          | 10                    | GR10q | 82                                       | 31                                 | A | 2  | <b>26992825</b>            |
| PL-Q | 28W/835/4P               | ICT          | 10                    | GR10q | 82                                       | 31                                 | A | 2  | <b>26967625</b>            |
| PL-Q | 28W/840/4P               | ICT          | 10                    | GR10q | 82                                       | 31                                 | A | 2  | <b>26993525</b>            |
| PL-Q | 38W/827/4P               | ICT          | 10                    | GR10q | 82                                       | 42                                 | A | 2  | <b>27171625</b>            |
| PL-Q | 38W/830/4P               | ICT          | 10                    | GR10q | 82                                       | 42                                 | A | 2  | <b>27172325</b>            |
| PL-Q | 38W/835/4P               | ICT          | 10                    | GR10q | 82                                       | 42                                 | A | 2  | <b>27173025</b>            |
| PL-Q | 38W/840/4P               | ICT          | 10                    | GR10q | 82                                       | 42                                 | A | 2  | <b>27174725</b>            |

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### Additional technical data

| Product name    | Color Temperature (K) | Energy Efficiency Label (EEL) | Mercury (Hg) Content (mg) |
|-----------------|-----------------------|-------------------------------|---------------------------|
| PL-Q 16W/827/4P | 2700                  | A                             | 4                         |
| PL-Q 16W/830/4P | 3000                  | A                             | 4                         |
| PL-Q 16W/835/4P | 3500                  | A                             | 4                         |
| PL-Q 28W/827/4P | 2700                  | A                             | 4                         |
| PL-Q 28W/830/4P | 3000                  | A                             | 4                         |
| PL-Q 28W/835/4P | 3500                  | A                             | 4                         |
| PL-Q 28W/840/4P | 4000                  | A                             | 4                         |
| PL-Q 38W/827/4P | 2700                  | A                             | 4                         |
| PL-Q 38W/830/4P | 3000                  | A                             | 4                         |
| PL-Q 38W/835/4P | 3500                  | A                             | 4                         |
| PL-Q 38W/840/4P | 4000                  | A                             | 4                         |

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**2nd additional technical data**

| Product name    | LLMF HF 2000h<br>Rated<br>(%) | LLMF HF 4000h<br>Rated<br>(%) | LLMF HF 6000h<br>Rated<br>(%) | LLMF HF 8000h<br>Rated<br>(%) | LLMF HF 12000h<br>Rated<br>(%) | LLMF HF 16000h<br>Rated<br>(%) | LLMF HF 20000h<br>Rated<br>(%) |
|-----------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|
| PL-Q 16W/827/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 16W/830/4P | 90                            | 83                            | 78                            | 80                            | 69                             | -                              | -                              |
| PL-Q 16W/835/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 28W/827/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 28W/830/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 28W/835/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 28W/840/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 38W/827/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 38W/830/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 38W/835/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |
| PL-Q 38W/840/4P | 90                            | 86                            | 83                            | 80                            | 79                             | 78                             | 78                             |

**3rd additional technical data**

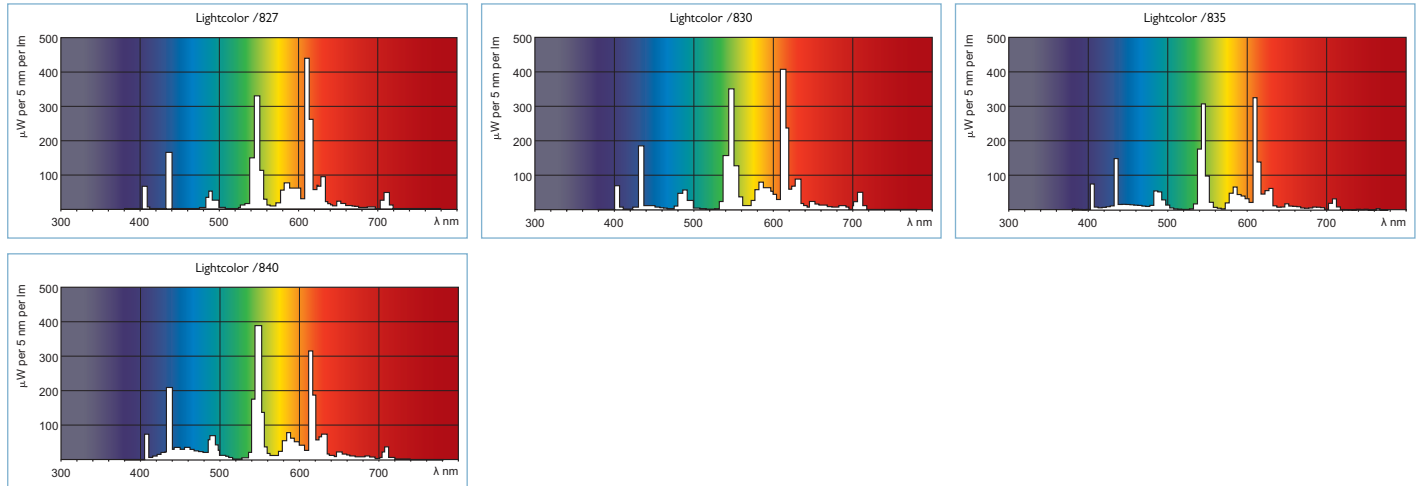
| Product name    | LSF HF<br>Preheat<br>2000h<br>Rated,3h<br>(%) | LSF HF<br>Preheat<br>4000h<br>Rated,3h<br>(%) | LSF HF<br>Preheat<br>6000h<br>Rated,3h<br>(%) | LSF HF<br>Preheat<br>8000h<br>Rated,3h<br>(%) | LSF HF<br>Preheat<br>12000h<br>Rated,3h<br>(%) | LSF HF<br>Preheat<br>16000h<br>Rated,3h<br>(%) | LSF HF<br>Preheat<br>20000h<br>Rated,3h<br>(%) | Lamp<br>Wattage EL<br>25°C,<br>Nominal<br>(W) | Lamp<br>Wattage<br>EM 25°C,<br>Nominal<br>(W) | Lum Flux<br>Rated HF<br>25°C,horiz<br>(lm) |
|-----------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|-----------------------------------------------|--------------------------------------------|
| PL-Q 16W/827/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 16                                            | 16                                            | 1050                                       |
| PL-Q 16W/830/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 16                                            | 16                                            | 1050                                       |
| PL-Q 16W/835/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 16                                            | 16                                            | 1050                                       |
| PL-Q 28W/827/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 28                                            | 28                                            | 2050                                       |
| PL-Q 28W/830/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 28                                            | 28                                            | 2050                                       |
| PL-Q 28W/835/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 28                                            | 28                                            | 2050                                       |
| PL-Q 28W/840/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 28                                            | 28                                            | 2050                                       |
| PL-Q 38W/827/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 38                                            | 38                                            | 2850                                       |
| PL-Q 38W/830/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 38                                            | 38                                            | 2850                                       |
| PL-Q 38W/835/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 38                                            | 38                                            | 2850                                       |
| PL-Q 38W/840/4P | 99                                            | 98                                            | 95                                            | 89                                            | 60                                             | 22                                             | 4                                              | 38                                            | 38                                            | 2850                                       |

**Logistic data**

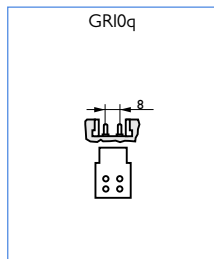
| Product name    | Packing type | Packing type description   | Packs per<br>outer box | Packing configuration |
|-----------------|--------------|----------------------------|------------------------|-----------------------|
| PL-Q 16W/827/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 16W/830/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 16W/835/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 28W/827/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 28W/830/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 28W/835/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 28W/840/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 38W/827/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 38W/830/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 38W/835/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |
| PL-Q 38W/840/4P | ICT          | I Lamp in a Folding Carton | 10                     | 10                    |

| Product name    | Quantity per pack | Packing length<br>(mm) | Packing width<br>(mm) | Packing height<br>(mm) | Gross weight per<br>piece<br>(g) | Net weight per<br>piece<br>(g) |
|-----------------|-------------------|------------------------|-----------------------|------------------------|----------------------------------|--------------------------------|
| PL-Q 16W/827/4P | I                 | 276                    | 149                   | 169                    | 108.0                            | 68                             |
| PL-Q 16W/830/4P | I                 | 276                    | 149                   | 169                    | 108.0                            | 68                             |
| PL-Q 16W/835/4P | I                 | 276                    | 149                   | 169                    | 108.0                            | 68                             |
| PL-Q 28W/827/4P | I                 | 358                    | 221                   | 247                    | 227.5                            | 127                            |
| PL-Q 28W/830/4P | I                 | 358                    | 221                   | 247                    | 227.5                            | 127                            |
| PL-Q 28W/835/4P | I                 | 358                    | 221                   | 247                    | 227.5                            | 127                            |
| PL-Q 28W/840/4P | I                 | 360                    | 221                   | 247                    | 227.5                            | 127                            |
| PL-Q 38W/827/4P | I                 | 358                    | 221                   | 247                    | 227.5                            | 129                            |
| PL-Q 38W/830/4P | I                 | 358                    | 221                   | 247                    | 227.5                            | 129                            |
| PL-Q 38W/835/4P | I                 | 358                    | 221                   | 247                    | 227.5                            | 129                            |
| PL-Q 38W/840/4P | I                 | 358                    | 221                   | 247                    | 227.5                            | 129                            |

## PL-Q PL-Q 4 Pin



## Cap/base



### Additional extended technical data

| Product name    | Chromaticity Coordinate X | Chromaticity Coordinate Y | Color Designation (text) | Dimmable | Cap-Base Information |
|-----------------|---------------------------|---------------------------|--------------------------|----------|----------------------|
| PL-Q 16W/827/4P | 463                       | 420                       | Incandescent White       | yes      | 4P                   |
| PL-Q 16W/830/4P | 440                       | 403                       | Warm white               | yes      | 4P                   |
| PL-Q 16W/835/4P | 409                       | 394                       | White                    | yes      | 4P                   |
| PL-Q 28W/827/4P | 463                       | 420                       | Incandescent White       | yes      | 4P                   |
| PL-Q 28W/830/4P | 440                       | 403                       | Warm white               | yes      | 4P                   |
| PL-Q 28W/835/4P | 409                       | 394                       | White                    | yes      | 4P                   |
| PL-Q 28W/840/4P | 380                       | 380                       | Cool White               | yes      | 4P                   |
| PL-Q 38W/827/4P | 463                       | 420                       | Incandescent White       | yes      | 4P                   |
| PL-Q 38W/830/4P | 440                       | 403                       | Warm white               | yes      | 4P                   |
| PL-Q 38W/835/4P | 409                       | 394                       | White                    | yes      | 4P                   |
| PL-Q 38W/840/4P | 380                       | 380                       | Cool White               | yes      | 4P                   |

### 2nd additional extended technical data

| Product name    | LSF HF Preheat 2000h Rated,3h (%) | LSF HF Preheat 4000h Rated,3h (%) | LSF HF Preheat 6000h Rated,3h (%) | LSF HF Preheat 8000h Rated,3h (%) | LSF HF Preheat 12000h Rated,3h (%) | LSF HF Preheat 16000h Rated,3h (%) | LSF HF Preheat 20000h Rated,3h (%) |
|-----------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|------------------------------------|------------------------------------|
| PL-Q 16W/827/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 16W/830/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 16W/835/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 28W/827/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 28W/830/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 28W/835/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 28W/840/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 38W/827/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 38W/830/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 38W/835/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |
| PL-Q 38W/840/4P | 99                                | 98                                | 95                                | 89                                | 60                                 | 22                                 | 4                                  |