



# PL-C Cluster 4-Pin Base

# PL-C 18W/827/4P/ALTO 10PK

Philips Linear Compact Fluorescent Lamps offer designers, specifiers and end-users new levels of efficiencies and versatility in sizes, configurations and application possibilities. With so many elegant fixtures available to complement their small size, high light output and advanced technology, Philips Energy Advantage lamps are fast becoming the preferred choice when maximum effciency and sleek design solutions are required.

### **Warnings and Safety**

· Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

### **Product data**

| General Information                |                     |  |  |
|------------------------------------|---------------------|--|--|
| Base                               | G24Q-2 [ G24q-2]    |  |  |
| Life to 50% Failures Preheat (Nom) | 13000 h             |  |  |
| LSF Preheat 2000 h Rated           | 99 %                |  |  |
| LSF Preheat 4000 h Rated           | 98 %                |  |  |
| LSF Preheat 6000 h Rated           | 97 %                |  |  |
| LSF Preheat 8000 h Rated           | 90 %                |  |  |
|                                    |                     |  |  |
| Light Technical                    |                     |  |  |
| Color Code                         | 827 [ CCT of 2700K] |  |  |
| Initial lumen (Nom)                | 1200 lm             |  |  |
| Luminous Flux (Rated) (Nom)        | 1200 lm             |  |  |
| Color Designation                  | Incandescent White  |  |  |
| Correlated Color Temperature (Nom) | 2700 K              |  |  |
| Luminous Efficacy (rated) (Nom)    | 67 lm/W             |  |  |
| Color Rendering Index (Nom)        | 82                  |  |  |
|                                    |                     |  |  |

| LLMF 2000 h Rated        | 92 %    |
|--------------------------|---------|
| LLMF 4000 h Rated        | 87 %    |
| LLMF 6000 h Rated        | 83 %    |
| LLMF 8000 h Rated        | 81 %    |
|                          |         |
| Operating and Electrical |         |
| Power (Rated) (Nom)      | 16.5 W  |
| Lamp Current (Nom)       | 0.230 A |
|                          |         |
| Temperature              |         |
| Design Temperature (Nom) | 28 ℃    |
|                          |         |
| Controls and Dimming     |         |
| Dimmable                 | Yes     |
|                          |         |
|                          |         |

Datasheet, 2020, November 18 data subject to change

# PL-C Cluster 4-Pin Base

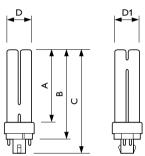
| Mechanical and Housing        |        |  |
|-------------------------------|--------|--|
| Cap-Base Information          | 4P     |  |
|                               |        |  |
| Approval and Application      |        |  |
| Energy Efficiency Label (EEL) | А      |  |
| Mercury (Hg) Content (Nom)    | 1.4 mg |  |
| Energy Consumption kWh/1000 h | 20 kWh |  |
|                               |        |  |
| Product Data                  |        |  |

PL-C 18W/827/4P/ALTO 10PK

| EAN/UPC - Product               | 046677110734          |
|---------------------------------|-----------------------|
| Order code                      | 383299                |
| Numerator - Quantity Per Pack   | 1                     |
| Numerator - Packs per outer box | 10                    |
| Material Nr. (12NC)             | 927907282730          |
| Net Weight (Piece)              | 55.300 g              |
| ILCOS Code                      | FSQ-18/27/1B-E-G24q=2 |
|                                 |                       |

# Dimensional drawing

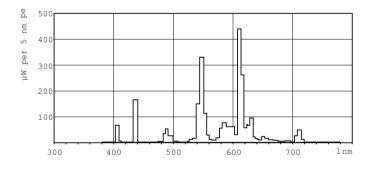
Order product name



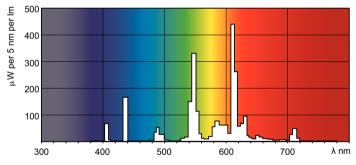
PL-C 18W/827/4P

| Product              | D (max) | D1 (max) | A (max)  | B (max)  | C (max)  |
|----------------------|---------|----------|----------|----------|----------|
| PL-C 18W/827/4P/ALTO | 27.1 mm | 27.1 mm  | 109.5 mm | 128.0 mm | 142.9 mm |
| 10PK                 |         |          |          |          |          |

## Photometric data



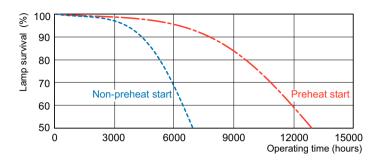
LDPB\_PLC4P\_827-Spectral power distribution B/W

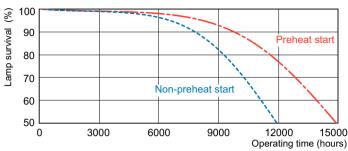


LDPO\_PLC4P\_827-Spectral power distribution Colour

# PL-C Cluster 4-Pin Base

### Lifetime





LDLE\_PLC4P\_0001-Life expectancy diagram

LDLE\_PLC4P\_0002-Life expectancy diagram

| _ | 100 |  |   |  |
|---|-----|--|---|--|
| 0 | 100 |  |   |  |
| 0 |     |  |   |  |
| ~ |     |  | I |  |

LDLM\_PLC4P\_0001-Lumen maintenance diagram



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