



High Color Rendering, High Efficacy, Long Life Lamps

PL-C Cluster 2-Pin Base

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 efficiency and sleek design solutions are required.

Benefits

- Enhanced performance - 80% light output between 55° and 127 F*
- Sustainable lighting solution.
- Compact quad tube design
- * 80% light output in a base-up position

Features

- Enhanced Performance
- Quad Tube Design
- 10,000 Hour Rated Average Life*
- ALTO® Lamp Technology
- Available in: 13,18,26 watts with 2700,3000,3500,and 4100 color temperatures
- * Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently

Application

- Ideal for downlights and wall washers in general lighting; wall sconces in decorative lighting.

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Versions



13W, G24d-1, 2P

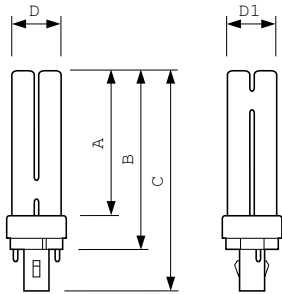


18W, G24d-2, 2P



26W, G24d-3, 2P

Dimensional drawing



| Product | D (max) | D1 (max) | A (max) | B (max) | C (max) |
|---|---------|----------|----------|----------|----------|
| PL-C 26W/841/2P/ALTO 10PK | 27.1 mm | 27.1 mm | 130.5 mm | 149.0 mm | 171.4 mm |
| PL-C 26W/835/2P/ALTO 10PK | 27.1 mm | 27.1 mm | 130.5 mm | 149.0 mm | 171.4 mm |
| PL-C 26W/830/2P/ALTO 10PK | 27.1 mm | 27.1 mm | 130.5 mm | 149.0 mm | 171.4 mm |
| PL-C 26W/827/2P/ALTO 10PK | 27.1 mm | 27.1 mm | 130.5 mm | 149.0 mm | 171.4 mm |
| PL-C 18W/841/2P/ALTO 10PK | 27.1 mm | 27.1 mm | 109.5 mm | 128.0 mm | 150.4 mm |
| PL-C 18W/835/2P/ALTO 10PK | 27.1 mm | 27.1 mm | 109.5 mm | 128.0 mm | 150.4 mm |
| PL-C 18W/827/2P/ALTO 10PK | 27.1 mm | 27.1 mm | 109.5 mm | 128.0 mm | 150.4 mm |
| MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC | 27.1 mm | 27.1 mm | 80.7 mm | 99.0 mm | 121.6 mm |
| PL-C ALTO 13W/841 GX23-2/2P 1CT | 27.1 mm | 27.1 mm | 80.7 mm | 99.0 mm | 121.6 mm |
| PL-C ALTO 13W/835 GX23-2/2P 1CT | 27.1 mm | 27.1 mm | 80.7 mm | 99.0 mm | 121.6 mm |
| PL-C ALTO 13W/827 GX23-2/2P 1CT | 27.1 mm | 27.1 mm | 80.7 mm | 99.0 mm | 121.6 mm |

PL-C Cluster 2-Pin Base

Approval and Application

| | |
|----------------------------|--------|
| Mercury (Hg) Content (Nom) | 1.4 mg |
|----------------------------|--------|

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

General Information

| | |
|----------------------------|---------|
| Life To 10% Failures (Nom) | 6500 h |
| Life To 50% Failures (Nom) | 10000 h |
| LSF 2000 h Rated | 99 % |
| LSF 4000 h Rated | 98 % |
| LSF 6000 h Rated | 92 % |
| LSF 8000 h Rated | 78 % |

Light Technical

| | |
|-----------------------------|------|
| Color Rendering Index (Nom) | 82 |
| LLMF 2000 h Rated | 92 % |
| LLMF 4000 h Rated | 87 % |
| LLMF 8000 h Rated | 81 % |

Temperature

| | |
|--------------------------|-------|
| Design Temperature (Nom) | 28 °C |
|--------------------------|-------|

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Energy Efficiency Label (EEL) |
|--------------|--|-------------------------------|-------------------------------|
| 927904982730 | PL-C ALTO 13W/827 GX23-2 /2P 1CT | - | A |
| 927904983530 | PL-C ALTO 13W/835 GX23-2 /2P 1CT | - | A |
| 927904984030 | PL-C ALTO 13W/841 GX23-2 /2P 1CT | - | A |
| 927904984062 | MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC | - | A |
| 927905782730 | PL-C 18W/827/2P/ALTO 10PK | 22 kWh | B |
| 927905783530 | PL-C 18W/835/2P/ALTO 10PK | 22 kWh | B |
| 927905784030 | PL-C 18W/841/2P/ALTO 10PK | 22 kWh | B |
| 927906182730 | PL-C 26W/827/2P/ALTO 10PK | 32 kWh | B |
| 927906183030 | PL-C26W/830/2P/ALTO 10PK | 32 kWh | B |
| 927906183530 | PL-C 26W/835/2P/ALTO 10PK | 32 kWh | B |
| 927906184030 | PL-C 26W/841/2P/ALTO 10PK | 32 kWh | B |

Operating and Electrical

| Order Code | Full Product Name | Lamp Current (Nom) | Power (Rated) (Nom) |
|--------------|--|--------------------|---------------------|
| 927904982730 | PL-C ALTO 13W/827 GX23-2 /2P 1CT | 0.285 A | 12.7 W |
| 927904983530 | PL-C ALTO 13W/835 GX23-2 /2P 1CT | 0.285 A | 12.7 W |
| 927904984030 | PL-C ALTO 13W/841 GX23-2 /2P 1CT | 0.285 A | 12.7 W |
| 927904984062 | MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC | 0.285 A | 12.7 W |

| Order Code | Full Product Name | Lamp Current (Nom) | Power (Rated) (Nom) |
|--------------|---------------------------|--------------------|---------------------|
| 927905782730 | PL-C 18W/827/2P/ALTO 10PK | 0.230 A | 17.9 W |
| 927905783530 | PL-C 18W/835/2P/ALTO 10PK | 0.230 A | 18 W |
| 927905784030 | PL-C 18W/841/2P/ALTO 10PK | 0.230 A | 17.9 W |
| 927906182730 | PL-C 26W/827/2P/ALTO 10PK | 0.335 A | 26.5 W |
| 927906183030 | PL-C26W/830/2P/ALTO 10PK | 0.335 A | 26.5 W |
| 927906183530 | PL-C 26W/835/2P/ALTO 10PK | 0.335 A | 26.5 W |
| 927906184030 | PL-C 26W/841/2P/ALTO 10PK | 0.335 A | 26.5 W |

General Information

| Order Code | Full Product Name | Cap-Base |
|--------------|--|----------|
| 927904982730 | PL-C ALTO 13W/827 GX23-2 /2P 1CT | GX23-2 |
| 927904983530 | PL-C ALTO 13W/835 GX23-2 /2P 1CT | GX23-2 |
| 927904984030 | PL-C ALTO 13W/841 GX23-2 /2P 1CT | GX23-2 |
| 927904984062 | MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC | GX23-2 |
| 927905782730 | PL-C 18W/827/2P/ALTO 10PK | G24D-2 |
| 927905783530 | PL-C 18W/835/2P/ALTO 10PK | G24D-2 |

| Order Code | Full Product Name | Cap-Base |
|--------------|---------------------------|----------|
| 927905784030 | PL-C 18W/841/2P/ALTO 10PK | G24D-2 |
| 927906182730 | PL-C 26W/827/2P/ALTO 10PK | G24D-3 |
| 927906183030 | PL-C26W/830/2P/ALTO 10PK | G24D-3 |
| 927906183530 | PL-C 26W/835/2P/ALTO 10PK | G24D-3 |
| 927906184030 | PL-C 26W/841/2P/ALTO 10PK | G24D-3 |

Light Technical (1/2)

PL-C Cluster 2-Pin Base

| Order Code | Full Product Name | Color Code | Color Designation | Correlated | |
|--------------|---|------------|--------------------|-------------------------|-------------------|
| | | | | Color Temperature (Nom) | LLMF 6000 h Rated |
| 927904982730 | PL-C ALTO 13W/827 GX23-2 /2P 1CT | 827 | Incandescent White | 2700 K | 84 % |
| 927904983530 | PL-C ALTO 13W/835 GX23-2 /2P 1CT | 835 | White (WH) | 3500 K | 84 % |
| 927904984030 | PL-C ALTO 13W/841 GX23-2 /2P 1CT | 841 | Cool White (CW) | 4100 K | 84 % |
| 927904984062 | MASTER PL-C 13W/840 GX23-2/2P 1CT/ 5X10CC | 840 | Cool White (CW) | 4000 K | 84 % |
| 927905782730 | PL-C 18W/ 827/2P/ALTO 10PK | 827 | Incandescent White | 2700 K | 83 % |
| 927905783530 | PL-C 18W/ 835/2P/ALTO 10PK | 835 | White (WH) | 3500 K | 83 % |

| Order Code | Full Product Name | Color Code | Color Designation | Correlated | |
|--------------|----------------------------|------------|--------------------|-------------------------|-------------------|
| | | | | Color Temperature (Nom) | LLMF 6000 h Rated |
| 927905784030 | PL-C 18W/ 841/2P/ALTO 10PK | 841 | Cool White (CW) | 4100 K | 83 % |
| 927906182730 | PL-C 26W/ 827/2P/ALTO 10PK | 827 | Incandescent White | 2700 K | 83 % |
| 927906183030 | PL-C26W/ 830/2P/ALTO 10PK | 830 | Warm White (WW) | 3000 K | 83 % |
| 927906183530 | PL-C 26W/ 835/2P/ALTO 10PK | 835 | White (WH) | 3500 K | 83 % |
| 927906184030 | PL-C 26W/ 841/2P/ALTO 10PK | 841 | Cool White (CW) | 4100 K | 83 % |

Light Technical (2/2)

| Order Code | Full Product Name | Luminous | |
|--------------|--|------------------------|-----------------------------|
| | | Efficacy (rated) (Nom) | Luminous Flux (Rated) (Nom) |
| 927904982730 | PL-C ALTO 13W/827 GX23-2 /2P 1CT | 62 lm/W | 800 lm |
| 927904983530 | PL-C ALTO 13W/835 GX23-2 /2P 1CT | 61 lm/W | 780 lm |
| 927904984030 | PL-C ALTO 13W/841 GX23-2 /2P 1CT | 62 lm/W | 800 lm |
| 927904984062 | MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC | 62 lm/W | 800 lm |
| 927905782730 | PL-C 18W/827/2P/ ALTO 10PK | 67 lm/W | 1200 lm |

| Order Code | Full Product Name | Luminous | |
|--------------|----------------------------|------------------------|-----------------------------|
| | | Efficacy (rated) (Nom) | Luminous Flux (Rated) (Nom) |
| 927905783530 | PL-C 18W/835/2P/ ALTO 10PK | 67 lm/W | 1200 lm |
| 927905784030 | PL-C 18W/841/2P/ ALTO 10PK | 67 lm/W | 1200 lm |
| 927906182730 | PL-C 26W/827/2P/ ALTO 10PK | 68 lm/W | 1800 lm |
| 927906183030 | PL-C26W/830/2P/ ALTO 10PK | 68 lm/W | 1800 lm |
| 927906183530 | PL-C 26W/835/2P/ ALTO 10PK | 68 lm/W | 1800 lm |

