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# PHILIPS

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A Division of Philips Electronics Ltd.

## Philips PL-L Long Fluorescent Lamps

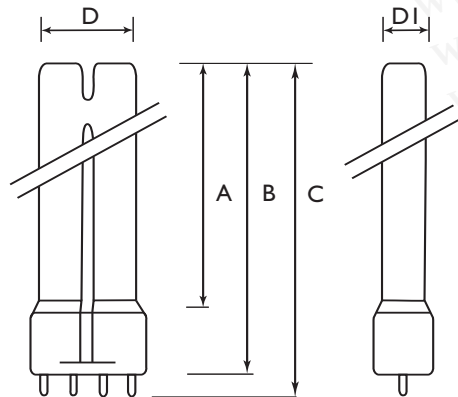
Electrical, Technical and Ordering Data (Subject to change without notice)

| Product Number | Ordering Code         | Watts | Bulb Type | Base | Generic Description | Pkg. Qty. | Color Temp. (Kelvin) | MOL (In.)          | Rated Avg. Life (Hrs.) <sup>1</sup> | Approx. Initial Lumens <sup>2</sup> | Design Lumens <sup>3</sup> | CRI |
|----------------|-----------------------|-------|-----------|------|---------------------|-----------|----------------------|--------------------|-------------------------------------|-------------------------------------|----------------------------|-----|
| 34500-9        | PL-L 18W/830/4P       | 18    | PL-L      | 2G11 | FT18W/2G11/830      | 25        | 3000                 | 8 $\frac{1}{8}$ "  | 15,000                              | 1250                                | 1125                       | 82  |
| 35932-3        | PL-L 18W/835/4P       | 18    | PL-L      | 2G11 | FT18W/2G11/835      | 25        | 3500                 | 8 $\frac{1}{8}$ "  | 15,000                              | 1250                                | 1125                       | 82  |
| 34501-7        | PL-L 18W/841/4P       | 18    | PL-L      | 2G11 | FT18W/2G11/841      | 25        | 4100                 | 8 $\frac{1}{8}$ "  | 15,000                              | 1250                                | 1125                       | 82  |
| 34505-8        | PL-L 24W/830/4P       | 24    | PL-L      | 2G11 | FT24W/2G11/830      | 25        | 3000                 | 12 $\frac{1}{8}$ " | 15,000                              | 1800                                | 1620                       | 82  |
| 35933-1        | PL-L 24W/835/4P       | 24    | PL-L      | 2G11 | FT24W/2G11/835      | 25        | 3500                 | 12 $\frac{1}{8}$ " | 15,000                              | 1800                                | 1620                       | 82  |
| 34508-2        | PL-L 24W/841/4P       | 24    | PL-L      | 2G11 | FT24W/2G11/841      | 25        | 4100                 | 12 $\frac{1}{8}$ " | 15,000                              | 1800                                | 1620                       | 82  |
| 34511-6        | PL-L 36W/830/4P       | 36    | PL-L      | 2G11 | FT36W/2G11/830      | 25        | 3000                 | 16 $\frac{1}{8}$ " | 15,000                              | 2900                                | 2610                       | 82  |
| 34942-3        | PL-L 36W/835/4P       | 36    | PL-L      | 2G11 | FT36W/2G11/835      | 25        | 3500                 | 16 $\frac{1}{8}$ " | 15,000                              | 2900                                | 2610                       | 82  |
| 34513-2        | PL-L 36W/841/4P       | 36    | PL-L      | 2G11 | FT36W/2G11/841      | 25        | 4100                 | 16 $\frac{1}{8}$ " | 15,000                              | 2900                                | 2610                       | 82  |
| 30042-6        | PL-L 40W/830/4P/RS/IS | 40    | PL-L      | 2G11 | FT40W/2G11/RS/830   | 25        | 3000                 | 22 $\frac{1}{2}$ " | 20,000                              | 3300                                | 2970                       | 82  |
| 30043-4        | PL-L 40W/835/4P/RS/IS | 40    | PL-L      | 2G11 | FT40W/2G11/RS/835   | 25        | 3500                 | 22 $\frac{1}{2}$ " | 20,000                              | 3300                                | 2970                       | 82  |
| 30044-2        | PL-L 40W/841/4P/RS/IS | 40    | PL-L      | 2G11 | FT40W/2G11/RS/841   | 25        | 4100                 | 22 $\frac{1}{2}$ " | 20,000                              | 3300                                | 2970                       | 82  |
| 34747-6        | PL-L 50W/830/4P/RS    | 50    | PL-L      | 2G11 | FT50W/2G11/RS/830   | 25        | 3000                 | 22 $\frac{1}{2}$ " | 20,000                              | 4300                                | 3870                       | 82  |
| 34753-4        | PL-L 50W/835/4P/RS    | 50    | PL-L      | 2G11 | FT50W/2G11/RS/835   | 25        | 3500                 | 22 $\frac{1}{2}$ " | 20,000                              | 4300                                | 3870                       | 82  |
| 34770-8        | PL-L 50W/841/4P/RS    | 50    | PL-L      | 2G11 | FT50W/2G11/RS/841   | 25        | 4100                 | 22 $\frac{1}{2}$ " | 20,000                              | 4300                                | 3870                       | 82  |
| 13844-6        | PL-L 55W/950/4P/RS    | 55    | PL-L      | 2G11 | FT55W/2G11/RS/950   | 25        | 5000                 | 21 $\frac{3}{8}$ " | 20,000                              | 3650                                | 3358                       | 91  |
| 38697-9        | PL-L 80W/830/4P       | 80    | PL-L      | 2G11 | FT80W/2G11/830      | 25        | 3000                 | 22 $\frac{1}{2}$ " | 20,000                              | 6000                                | 5400                       | 82  |
| 38698-7        | PL-L 80W/835/4P       | 80    | PL-L      | 2G11 | FT80W/2G11/835      | 25        | 3500                 | 22 $\frac{1}{2}$ " | 20,000                              | 6000                                | 5400                       | 82  |
| 38699-5        | PL-L 80W/841/4P       | 80    | PL-L      | 2G11 | FT80W/2G11/841      | 25        | 4100                 | 22 $\frac{1}{2}$ " | 20,000                              | 6000                                | 5400                       | 82  |

1) 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.

2) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life, when the output is measured during operation on a reference ballast under standard laboratory conditions.

3) Design lumens are the approximate lamp lumen output at 40% of the lamp's rated average life. This output is based upon measurements obtained during lamp operation on a reference ballast under standard laboratory conditions.



| Lamp Dimensions: inches (mm) |            |            |            |          |          |
|------------------------------|------------|------------|------------|----------|----------|
| Product                      | A          | B          | C          | D        | DI       |
| 18W                          | 7.7 (195)  | 8.7 (220)  | 8.9 (227)  | 1.5 (38) | 0.7 (18) |
| 24W                          | 11.4 (290) | 12.4 (315) | 12.7 (322) | 1.5 (38) | 0.7 (18) |
| 36W                          | 15.2 (385) | 16.1 (410) | 16.4 (417) | 1.5 (38) | 0.7 (18) |
| 40W                          | 21.3 (540) | 22.2 (565) | 22.5 (572) | 1.5 (38) | 0.7 (18) |
| 50W                          | 21.3 (540) | 22.2 (565) | 22.5 (572) | 1.5 (38) | 0.7 (18) |
| 55W                          | 20.1 (510) | 21.1 (535) | 21.4 (542) | 1.5 (38) | 0.7 (18) |
| 80W                          | 21.3 (540) | 22.2 (565) | 22.5 (572) | 1.5 (38) | 0.7 (18) |

