



The new generation of energy-saving LED PLC 4P tube lighting

CorePro LED PLC 4P

The CorePro LED PLC 4P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

Benefits

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED technology
- Completely safe product and installation process

Features

- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

Application

- Hospitality, retail, office, industrial and home applications

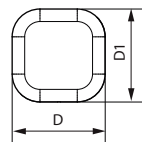
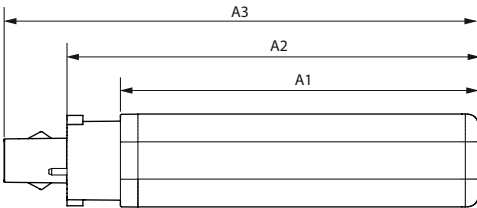
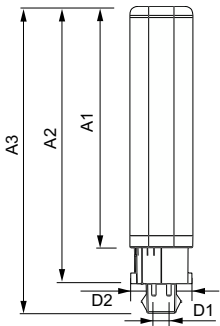
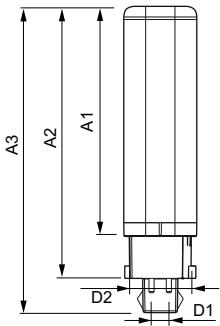
CorePro LED PLC 4P

Versions



SPPR_MLEDGA_0028-Product photo

Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|------------------------------------|---------|---------|----------|--------|----------|
| CorePro LED PLC 6.5W 830 4P G24q-2 | 24.3 mm | 28.4 mm | 105.8 mm | 125 mm | 140.6 mm |
| CorePro LED PLC 6.5W 840 4P G24q-2 | 24.3 mm | 28.4 mm | 105.8 mm | 125 mm | 140.6 mm |

| Product | D1 | D2 | A1 | A2 | A3 |
|------------------------------------|---------|---------|----------|--------|----------|
| CorePro LED PLC 4.5W 830 4P G24q-1 | 24.3 mm | 28.4 mm | 95.8 mm | 115 mm | 130.6 mm |
| CorePro LED PLC 4.5W 840 4P G24q-1 | 24.3 mm | 28.4 mm | 95.8 mm | 115 mm | 130.6 mm |
| CorePro LED PLC 9W 830 4P G24q-3 | 24.3 mm | 28.4 mm | 128.8 mm | 148 mm | 163.6 mm |
| CorePro LED PLC 9W 840 4P G24q-3 | 24.3 mm | 28.4 mm | 128.8 mm | 148 mm | 163.6 mm |

| Product | D1 | D | A1 | A2 | A3 |
|------------------------------------|-------|-------|--------|--------|--------|
| CorePro LED PLC 5.5W 830 4P G24q-1 | 34 mm | 34 mm | 109 mm | 128 mm | 144 mm |
| CorePro LED PLC 5.5W 840 4P G24q-1 | 34 mm | 34 mm | 109 mm | 128 mm | 144 mm |
| CorePro LED PLC 6.5W 830 4P G24q-2 | 34 mm | 34 mm | 109 mm | 128 mm | 144 mm |
| CorePro LED PLC 6.5W 840 4P G24q-2 | 34 mm | 34 mm | 109 mm | 128 mm | 144 mm |
| CorePro LED PLC 9.5W 830 4P G24q-3 | 34 mm | 34 mm | 129 mm | 148 mm | 164 mm |
| CorePro LED PLC 9.5W 840 4P G24q-3 | 34 mm | 34 mm | 129 mm | 148 mm | 164 mm |

CorePro LED PLC 4P

| General Information | |
|---------------------------------------|----------------|
| Nominal lifetime | 30,000 hour(s) |
| Light Technical | |
| Beam Angle (Nom) | 120 degree(s) |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Operating and Electrical | |
| Starting Time (Nom) | 0.5 s |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Shape | PL-C |

General Information

| Order Code | Full Product Name | Cap-Base | Switching Cycle |
|--------------|------------------------------------|----------|-----------------|
| 929001351002 | CorePro LED PLC 4.5W 830 4P G24q-1 | G24q-1 | 50,000 |
| 929001351102 | CorePro LED PLC 4.5W 840 4P G24q-1 | G24q-1 | 50,000 |
| 929001201002 | CorePro LED PLC 6.5W 830 4P G24q-2 | G24q-2 | 50,000 |
| 929001201102 | CorePro LED PLC 6.5W 840 4P G24q-2 | G24q-2 | 50,000 |
| 929001200802 | CorePro LED PLC 9W 830 4P G24q-3 | G24q-3 | 50,000 |
| 929001200902 | CorePro LED PLC 9W 840 4P G24q-3 | G24q-3 | 50,000 |

| Order Code | Full Product Name | Cap-Base | Switching Cycle |
|--------------|------------------------------------|------------|-----------------|
| 929003757602 | CorePro LED PLC 5.5W 830 4P G24q-1 | G24q-1 ROT | 200,000 |
| 929003757702 | CorePro LED PLC 5.5W 840 4P G24q-1 | G24q-1 ROT | 200,000 |
| 929003757802 | CorePro LED PLC 6.5W 830 4P G24q-2 | G24q-2 ROT | 200,000 |
| 929003757902 | CorePro LED PLC 6.5W 840 4P G24q-2 | G24q-2 ROT | 200,000 |
| 929003758002 | CorePro LED PLC 9.5W 830 4P G24q-3 | G24q-3 ROT | 200,000 |
| 929003758102 | CorePro LED PLC 9.5W 840 4P G24q-3 | G24q-3 ROT | 200,000 |

Light Technical

| Order Code | Full Product Name | Correlated | | Color Code | Luminous Flux |
|--------------|------------------------------------|-------------------------|-----------------------------|------------|---------------|
| | | Color Temperature (Nom) | Color rendering index (CRI) | | |
| 929001351002 | CorePro LED PLC 4.5W 830 4P G24q-1 | 3000 K | 83 | 830 | 475 lm |
| 929001351102 | CorePro LED PLC 4.5W 840 4P G24q-1 | 4000 K | 83 | 840 | 500 lm |
| 929001201002 | CorePro LED PLC 6.5W 830 4P G24q-2 | 3000 K | 83 | 830 | 650 lm |
| 929001201102 | CorePro LED PLC 6.5W 840 4P G24q-2 | 4000 K | 83 | 840 | 700 lm |
| 929001200802 | CorePro LED PLC 9W 830 4P G24q-3 | 3000 K | 83 | 830 | 950 lm |
| 929001200902 | CorePro LED PLC 9W 840 4P G24q-3 | 4000 K | 83 | 840 | 1,000 lm |

| Order Code | Full Product Name | Correlated | | Color Code | Luminous Flux |
|--------------|------------------------------------|-------------------------|-----------------------------|------------|---------------|
| | | Color Temperature (Nom) | Color rendering index (CRI) | | |
| 929003757602 | CorePro LED PLC 5.5W 830 4P G24q-1 | 3000 K | 82 | 830 | 600 lm |
| 929003757702 | CorePro LED PLC 5.5W 840 4P G24q-1 | 4000 K | 82 | 840 | 660 lm |
| 929003757802 | CorePro LED PLC 6.5W 830 4P G24q-2 | 3000 K | 82 | 830 | 700 lm |
| 929003757902 | CorePro LED PLC 6.5W 840 4P G24q-2 | 4000 K | 82 | 840 | 770 lm |
| 929003758002 | CorePro LED PLC 9.5W 830 4P G24q-3 | 3000 K | 82 | 830 | 990 lm |
| 929003758102 | CorePro LED PLC 9.5W 840 4P G24q-3 | 4000 K | 82 | 840 | 1,100 lm |

Operating and Electrical

CorePro LED PLC 4P

| Order Code | Full Product | | | Power |
|--------------|------------------------------------|-----------------|----------------|-------------|
| | Name | Input Frequency | Line Frequency | Consumption |
| 929001351002 | CorePro LED PLC 4.5W 830 4P G24q-1 | 30000-80000 Hz | 30000-80000 Hz | 4.5 W |
| 929001351102 | CorePro LED PLC 4.5W 840 4P G24q-1 | 30000-80000 Hz | 30000-80000 Hz | 4.5 W |
| 929001201002 | CorePro LED PLC 6.5W 830 4P G24q-2 | 30000-80000 Hz | 30000-80000 Hz | 6.5 W |
| 929001201102 | CorePro LED PLC 6.5W 840 4P G24q-2 | 30000-80000 Hz | 30000-80000 Hz | 6.5 W |
| 929001200802 | CorePro LED PLC 9W 830 4P G24q-3 | 30000-80000 Hz | 30000-80000 Hz | 9 W |
| 929001200902 | CorePro LED PLC 9W 840 4P G24q-3 | 30000-80000 Hz | 30000-80000 Hz | 9 W |

| Order Code | Full Product | | | Power |
|--------------|------------------------------------|-----------------|----------------|-------------|
| | Name | Input Frequency | Line Frequency | Consumption |
| 929003757602 | CorePro LED PLC 5.5W 830 4P G24q-1 | 50 to 60 Hz | - | 5.5 W |
| 929003757702 | CorePro LED PLC 5.5W 840 4P G24q-1 | 50 to 60 Hz | - | 5.5 W |
| 929003757802 | CorePro LED PLC 6.5W 830 4P G24q-2 | 50 to 60 Hz | - | 6.5 W |
| 929003757902 | CorePro LED PLC 6.5W 840 4P G24q-2 | 50 to 60 Hz | - | 6.5 W |
| 929003758002 | CorePro LED PLC 9.5W 830 4P G24q-3 | 50 to 60 Hz | - | 9.5 W |
| 929003758102 | CorePro LED PLC 9.5W 840 4P G24q-3 | 50 to 60 Hz | - | 9.5 W |

Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|------------------------------------|----------------------|
| 929001351002 | CorePro LED PLC 4.5W 830 4P G24q-1 | 60 °C |
| 929001351102 | CorePro LED PLC 4.5W 840 4P G24q-1 | 60 °C |
| 929001201002 | CorePro LED PLC 6.5W 830 4P G24q-2 | 66 °C |
| 929001201102 | CorePro LED PLC 6.5W 840 4P G24q-2 | 66 °C |
| 929001200802 | CorePro LED PLC 9W 830 4P G24q-3 | 76 °C |
| 929001200902 | CorePro LED PLC 9W 840 4P G24q-3 | 76 °C |

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|------------------------------------|----------------------|
| 929003757602 | CorePro LED PLC 5.5W 830 4P G24q-1 | 70 °C |
| 929003757702 | CorePro LED PLC 5.5W 840 4P G24q-1 | 70 °C |
| 929003757802 | CorePro LED PLC 6.5W 830 4P G24q-2 | 70 °C |
| 929003757902 | CorePro LED PLC 6.5W 840 4P G24q-2 | 70 °C |
| 929003758002 | CorePro LED PLC 9.5W 830 4P G24q-3 | 75 °C |
| 929003758102 | CorePro LED PLC 9.5W 840 4P G24q-3 | 75 °C |

Mechanical and Housing

| Order Code | Full Product Name | Bulb Finish |
|--------------|------------------------------------|-------------|
| 929001351002 | CorePro LED PLC 4.5W 830 4P G24q-1 | - |
| 929001351102 | CorePro LED PLC 4.5W 840 4P G24q-1 | - |
| 929001201002 | CorePro LED PLC 6.5W 830 4P G24q-2 | - |
| 929001201102 | CorePro LED PLC 6.5W 840 4P G24q-2 | - |
| 929001200802 | CorePro LED PLC 9W 830 4P G24q-3 | - |
| 929001200902 | CorePro LED PLC 9W 840 4P G24q-3 | - |

| Order Code | Full Product Name | Bulb Finish |
|--------------|------------------------------------|-------------|
| 929003757602 | CorePro LED PLC 5.5W 830 4P G24q-1 | Frosted |
| 929003757702 | CorePro LED PLC 5.5W 840 4P G24q-1 | Frosted |
| 929003757802 | CorePro LED PLC 6.5W 830 4P G24q-2 | Frosted |
| 929003757902 | CorePro LED PLC 6.5W 840 4P G24q-2 | Frosted |
| 929003758002 | CorePro LED PLC 9.5W 830 4P G24q-3 | Frosted |
| 929003758102 | CorePro LED PLC 9.5W 840 4P G24q-3 | Frosted |

Approval and Application

| Order Code | Full Product Name | Ambient temperature | Energy |
|--------------|------------------------------------|---------------------|------------------------|
| | | range | Consumption kWh/1000 h |
| 929001351002 | CorePro LED PLC 4.5W 830 4P G24q-1 | -20 °C to 35 °C | 5 kWh |
| 929001351102 | CorePro LED PLC 4.5W 840 4P G24q-1 | -20 °C to 35 °C | 5 kWh |
| 929001201002 | CorePro LED PLC 6.5W 830 4P G24q-2 | -20 °C to 35 °C | 7 kWh |

| Order Code | Full Product Name | Ambient temperature | Energy |
|--------------|------------------------------------|---------------------|------------------------|
| | | range | Consumption kWh/1000 h |
| 929001201102 | CorePro LED PLC 6.5W 840 4P G24q-2 | -20 °C to 35 °C | 7 kWh |
| 929001200802 | CorePro LED PLC 9W 830 4P G24q-3 | -20 °C to 35 °C | 9 kWh |
| 929001200902 | CorePro LED PLC 9W 840 4P G24q-3 | -20 °C to 35 °C | 9 kWh |

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| Order Code | Full Product Name | Ambient temperature range | Energy Consumption kWh/1000 h |
|--------------|---------------------------------------|---------------------------|-------------------------------|
| 929003757602 | CorePro LED PLC 5.5W 830 4P G24q-1 | -20 to +45 °C | 6 kWh |
| 929003757702 | CorePro LED PLC 5.5W 840 4P G24q-1 | -20 to +45 °C | 6 kWh |
| 929003757802 | CorePro LED PLC 6.5W 830 4P G24q-2 | -20 to +45 °C | 7 kWh |
| 929003757902 | CorePro LED PLC 6.5W 840 4P G24q-2 | -20 to +45 °C | 7 kWh |
| 929003758002 | CorePro LED PLC 9.5W 830 4P G24q-3 | -20 to +45 °C | 10 kWh |
| 929003758102 | CorePro LED PLC 9.5W 840 4P G24q-3 | -20 to +45 °C | 10 kWh |

