



The new generation of energy-saving LED PLC 2P tube lighting

CorePro LED PLC 2P

The CorePro LED PLC 2P 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
- The 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

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Versions

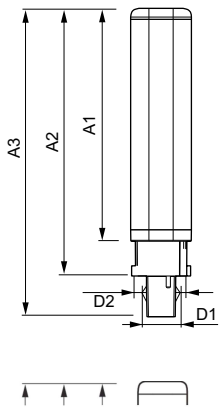


8.5W G24d-3 2P



6.5W G24d-2 2P

Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|----------------------------|---------|---------|----------|--------|----------|
| LED PLC 8.5W 865 2P G24d-3 | 24.3 mm | 28.4 mm | 128.8 mm | 148 mm | 170.6 mm |
| LED PLC 8.5W 840 2P G24d-3 | 24.3 mm | 28.4 mm | 128.8 mm | 148 mm | 170.6 mm |
| LED PLC 8.5W 830 2P G24d-3 | 24.3 mm | 28.4 mm | 128.8 mm | 148 mm | 170.6 mm |

| Product | D1 | D2 | A1 | A2 | A3 |
|----------------------------|---------|---------|----------|--------|----------|
| LED PLC 6.5W 865 2P G24d-2 | 24.3 mm | 28.4 mm | 105.8 mm | 125 mm | 147.6 mm |
| LED PLC 6.5W 830 2P G24d-2 | 24.3 mm | 28.4 mm | 105.8 mm | 125 mm | 147.6 mm |
| LED PLC 6.5W 840 2P G24d-2 | 24.3 mm | 28.4 mm | 105.8 mm | 125 mm | 147.6 mm |

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Controls and Dimming

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

Operating and Electrical

| | |
|---------------------|-------------|
| Input Frequency | 50 to 60 Hz |
| Voltage (Nom) | 220-240 V |
| Starting Time (Nom) | 0.5 s |

General Information

| | |
|------------------------|---------|
| Nominal Lifetime (Nom) | 30000 h |
| Switching Cycle | 50,000X |

Light Technical

| | |
|---------------------------------------|-------|
| Beam Angle (Nom) | 120 ° |
| Colour Rendering Index (Nom) | 83 |
| Llmf At End Of Nominal Lifetime (Nom) | 70 % |

Mechanical and Housing

| | |
|------------|--------------------|
| Bulb Shape | Tube, single-ended |
|------------|--------------------|

Temperature

| | |
|-----------------|--------|
| T-Ambient (Max) | 35 °C |
| T-Ambient (Min) | -20 °C |
| T-Storage (Max) | 65 °C |
| T-Storage (Min) | -40 °C |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|--------------|----------------------------|-------------------------------|
| 929001201208 | LED PLC 8.5W 830 2P G24d-3 | 11 kWh |
| 929001201308 | LED PLC 8.5W 840 2P G24d-3 | 11 kWh |
| 929001280108 | LED PLC 8.5W 865 2P G24d-3 | 11 kWh |
| 929001201408 | LED PLC 6.5W 830 2P G24d-2 | 9 kWh |
| 929001201508 | LED PLC 6.5W 840 2P G24d-2 | 9 kWh |
| 929001280208 | LED PLC 6.5W 865 2P G24d-2 | 9 kWh |

Operating and Electrical

| Order Code | Full Product Name | Power (Rated) (Nom) |
|--------------|----------------------------|---------------------|
| 929001201208 | LED PLC 8.5W 830 2P G24d-3 | 8.5 W |
| 929001201308 | LED PLC 8.5W 840 2P G24d-3 | 8.5 W |
| 929001280108 | LED PLC 8.5W 865 2P G24d-3 | 8.5 W |

| Order Code | Full Product Name | Power (Rated) (Nom) |
|--------------|----------------------------|---------------------|
| 929001201408 | LED PLC 6.5W 830 2P G24d-2 | 6.5 W |
| 929001201508 | LED PLC 6.5W 840 2P G24d-2 | 6.5 W |
| 929001280208 | LED PLC 6.5W 865 2P G24d-2 | 6.5 W |

General Information

| Order Code | Full Product Name | Cap-Base |
|--------------|----------------------------|----------|
| 929001201208 | LED PLC 8.5W 830 2P G24d-3 | G24D-3 |
| 929001201308 | LED PLC 8.5W 840 2P G24d-3 | G24D-3 |
| 929001280108 | LED PLC 8.5W 865 2P G24d-3 | G24D-3 |

| Order Code | Full Product Name | Cap-Base |
|--------------|----------------------------|----------|
| 929001201408 | LED PLC 6.5W 830 2P G24d-2 | G24D-2 |
| 929001201508 | LED PLC 6.5W 840 2P G24d-2 | G24D-2 |
| 929001280208 | LED PLC 6.5W 865 2P G24d-2 | G24D-2 |

Light Technical

| Order Code | Full Product Name | Colour Code | Correlated Colour | |
|--------------|----------------------------|-------------|-------------------|---------------------|
| | | | Temperature (Nom) | Luminous Flux (Nom) |
| 929001201208 | LED PLC 8.5W 830 2P G24d-3 | 830 | 3000 K | 950 lm |
| 929001201308 | LED PLC 8.5W 840 2P G24d-3 | 840 | 4000 K | 1000 lm |
| 929001280108 | LED PLC 8.5W 865 2P G24d-3 | 865 | 6500 K | 1000 lm |

| Order Code | Full Product Name | Colour Code | Correlated Colour | |
|--------------|----------------------------|-------------|-------------------|---------------------|
| | | | Temperature (Nom) | Luminous Flux (Nom) |
| 929001201408 | LED PLC 6.5W 830 2P G24d-2 | 830 | 3000 K | 650 lm |
| 929001201508 | LED PLC 6.5W 840 2P G24d-2 | 840 | 4000 K | 700 lm |

CorePro LED PLC 2P

| Order Code | Full Product Name | Colour Code | Correlated Colour | |
|--------------|----------------------------|-------------|-------------------|---------------------|
| | | | Temperature (Nom) | Luminous Flux (Nom) |
| 929001280208 | LED PLC 6.5W 865 2P G24d-2 | 865 | 6500 K | 700 lm |

Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|----------------------------|----------------------|
| 929001201208 | LED PLC 8.5W 830 2P G24d-3 | 75 °C |
| 929001201308 | LED PLC 8.5W 840 2P G24d-3 | 75 °C |
| 929001280108 | LED PLC 8.5W 865 2P G24d-3 | 75 °C |
| 929001201408 | LED PLC 6.5W 830 2P G24d-2 | 65 °C |
| 929001201508 | LED PLC 6.5W 840 2P G24d-2 | 65 °C |
| 929001280208 | LED PLC 6.5W 865 2P G24d-2 | 65 °C |

