



The affordable LED solution

CorePro LEDtube EM/Mains

The CorePro LEDtube is an affordable LED solution suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Benefits

- Minimises overall lighting costs
- Offers cheapest and easiest upgrade to LED lighting technology

Features

- Only 50% energy consumption compared to fluorescent tubes
- Lasts two times longer than fluorescent tubes
- Retrofit replacement of existing T8 lamps on electromagnetic (EM) ballast installations

Application

- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

Warnings and Safety

- -

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Versions



Dimensional drawing

A3

| Product | D1 | D2 | A1 | A2 | A3 |
|------------------------------------|---------|-------|----------|-----------|-----------|
| CorePro LEDtube 600mm 8W840 | 25.7 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |
| CorePro LEDtube 1500mm 20W 840 | 25.7 mm | 28 mm | 1500 mm | 1507.1 mm | 1514.2 mm |
| CorePro LEDtube 1200mm 14.5W840 | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

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Approval and Application

Energy Efficiency Label (EEL) A+

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

Cap-Base G13

Nominal Lifetime (Nom) 30000 h

Switching Cycle 200,000X

Light Technical

Beam Angle (Nom) 240 °

Colour Code 840

Correlated Colour Temperature (Nom) 4000 K

Colour Rendering Index (Nom) 80

Llmf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing

Bulb Shape Tube, double-ended

Temperature

T-Ambient (Max) 45 °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 |
|------------|---------------------------------|-------------------------------|
| 71091300 | CorePro LEDtube 1500mm 20W 840 | 20 kWh |
| 71103300 | CorePro LEDtube 600mm 8W840 | 8 kWh |
| 71107100 | CorePro LEDtube 1200mm 14.5W840 | 15 kWh |

Operating and Electrical

| Order Code | Full Product Name | Power (Rated) (Nom) |
|------------|--------------------------------|---------------------|
| 71091300 | CorePro LEDtube 1500mm 20W 840 | 20 W |
| 71103300 | CorePro LEDtube 600mm 8W840 | 8 W |

| Order Code | Full Product Name | Power (Rated) (Nom) |
|------------|---------------------------------|---------------------|
| 71107100 | CorePro LEDtube 1200mm 14.5W840 | 14.5 W |

Light Technical

| Order Code | Full Product Name | Luminous Flux (Nom) |
|------------|--------------------------------|---------------------|
| 71091300 | CorePro LEDtube 1500mm 20W 840 | 2200 lm |
| 71103300 | CorePro LEDtube 600mm 8W840 | 800 lm |

| Order Code | Full Product Name | Luminous Flux (Nom) |
|------------|---------------------------------|---------------------|
| 71107100 | CorePro LEDtube 1200mm 14.5W840 | 1600 lm |

Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|------------|---------------------------------|----------------------|
| 71091300 | CorePro LEDtube 1500mm 20W 840 | 45 °C |
| 71103300 | CorePro LEDtube 600mm 8W840 | 40 °C |
| 71107100 | CorePro LEDtube 1200mm 14.5W840 | 40 °C |

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