



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

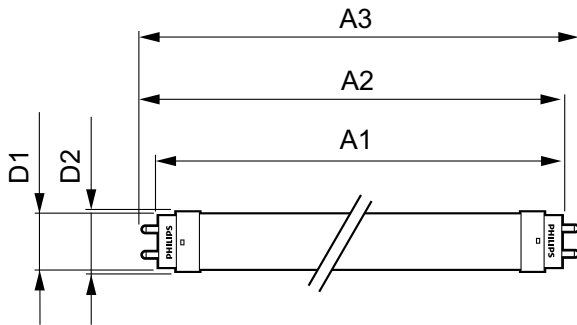
- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

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Versions



Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 840	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 1200mm 14.5W865	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1200mm 14.5W840	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 600mm 8W840	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 8W865	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 1500mm 20W 865	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 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

Rated Lifetime (Hours) 30000 h

Switching Cycle 200000X

Light Technical

Colour Rendering Index (Nom) 80

Llmf At End Of Nominal Lifetime (Nom) 70 %

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
71095100	CorePro LEDtube 1500mm 20W 865	20 kWh
71103300	CorePro LEDtube 600mm 8W840	8 kWh
71105700	CorePro LEDtube 600mm 8W865	8 kWh
71107100	CorePro LEDtube 1200mm 14.5W840	15 kWh
71109500	CorePro LEDtube 1200mm 14.5W865	15 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
71091300	CorePro LEDtube 1500mm 20W 840	20 W
71095100	CorePro LEDtube 1500mm 20W 865	20 W
71103300	CorePro LEDtube 600mm 8W840	8 W

Order Code	Full Product Name	Power (Rated) (Nom)
71105700	CorePro LEDtube 600mm 8W865	8 W
71107100	CorePro LEDtube 1200mm 14.5W840	14.5 W
71109500	CorePro LEDtube 1200mm 14.5W865	14.5 W

Light Technical

Order Code	Full Product Name	Colour Code	Correlated		Luminous Flux (Rated) (Nom)
			Temperature (Nom)	Luminous Flux (Nom)	
71091300	CorePro LEDtube 1500mm 20W 840	840	4000 K	2200 lm	2200 lm
71095100	CorePro LEDtube 1500mm 20W 865	865	6500 K	2200 lm	2200 lm
71103300	CorePro LEDtube 600mm 8W840	840	4000 K	800 lm	800 lm

Order Code	Full Product Name	Colour Code	Correlated		Luminous Flux (Rated) (Nom)
			Temperature (Nom)	Luminous Flux (Nom)	
71105700	CorePro LEDtube 600mm 8W865	865	6500 K	800 lm	800 lm
71107100	CorePro LEDtube 1200mm 14.5W840	840	4000 K	1600 lm	1600 lm
71109500	CorePro LEDtube 1200mm 14.5W865	865	6500 K	1600 lm	1600 lm

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Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
71091300	CorePro LEDtube 1500mm 20W 840	45 °C
71095100	CorePro LEDtube 1500mm 20W 865	45 °C
71103300	CorePro LEDtube 600mm 8W840	40 °C
71105700	CorePro LEDtube 600mm 8W865	40 °C
71107100	CorePro LEDtube 1200mm 14.5W840	40 °C
71109500	CorePro LEDtube 1200mm 14.5W865	40 °C

