



# 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 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 1500mm 20W 840	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

# CorePro LEDtube EM/Mains

## 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 200000X

## Light Technical

Colour Code 840

Correlated Colour Temperature (Nom) 4000 K

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
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



