



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

- Minimizes 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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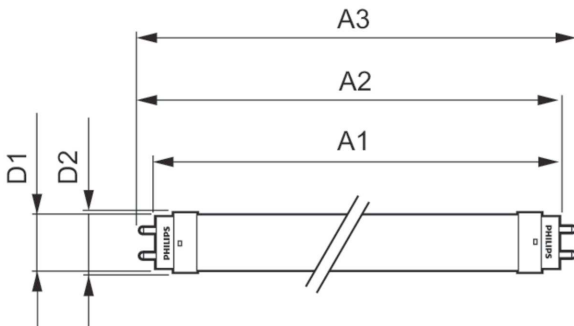
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Versions



G13

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 1500mm 20W 865	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 600mm 8W865	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 8W840	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 1200mm 14.5W840	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1200mm 14.5W865	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1200mm HO 18W 840 T8	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1200mm HO 18W 865 T8	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1500mm HO 24W 840 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 1500mm HO 24W 865 T8	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
Switching Cycle	200000X
Light Technical	
Beam Angle (Nom)	240 °
Color 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
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
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	18 kWh
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	18 kWh
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	24 kWh
80617300	CorePro LEDtube 1500mm HO 24W 840 T8	24 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
71105700	CorePro LEDtube 600mm 8W865	8 W
71107100	CorePro LEDtube 1200mm 14.5W840	14.5 W

Order Code	Full Product Name	Power (Rated) (Nom)
71109500	CorePro LEDtube 1200mm 14.5W865	14.5 W
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	18 W
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	18 W
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	24 W
80617300	CorePro LEDtube 1500mm HO 24W 840 T8	24 W

Light Technical

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

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

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Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	865	6500 K	2000 lm
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	840	4000 K	2000 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	865	6500 K	2700 lm
80617300	CorePro LEDtube 1500mm HO 24W 840 T8	840	4000 K	2700 lm

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
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	50 °C
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	50 °C
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	55 °C
80617300	CorePro LEDtube 1500mm HO 24W 840 T8	55 °C

