



The affordable LED solution

CorePro LEDtube EM/Mains T8

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

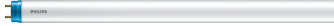
- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

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Versions



G13

Dimensional drawing

A3

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm HO 24W 865 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 1200mm HO 18W 865 T8	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 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
CorePro LEDtube 1500mm 20W 840	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 1500mm HO 24W 840 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

Color 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
929001337902	CorePro LEDtube 1500mm 20W 840	20 kWh
929001338002	CorePro LEDtube 1500mm 20W 865	20 kWh
929001338602	CorePro LEDtube 600mm 8W840	8 kWh
929001338702	CorePro LEDtube 600mm 8W865	8 kWh
929001338802	CorePro LEDtube 1200mm 14.5W840	15 kWh
929001338902	CorePro LEDtube 1200mm 14.5W865	15 kWh
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	18 kWh
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	18 kWh
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	24 kWh
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	24 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001337902	CorePro LEDtube 1500mm 20W 840	20 W
929001338002	CorePro LEDtube 1500mm 20W 865	20 W
929001338602	CorePro LEDtube 600mm 8W840	8 W
929001338702	CorePro LEDtube 600mm 8W865	8 W
929001338802	CorePro LEDtube 1200mm 14.5W840	14.5 W

Order Code	Full Product Name	Power (Rated) (Nom)
929001338902	CorePro LEDtube 1200mm 14.5W865	14.5 W
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	18 W
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	18 W
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	24 W
929001875102	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)
929001337902	CorePro LEDtube 1500mm 20W 840	840	4000 K	2200 lm
929001338002	CorePro LEDtube 1500mm 20W 865	865	6500 K	2200 lm
929001338602	CorePro LEDtube 600mm 8W840	840	4000 K	800 lm
929001338702	CorePro LEDtube 600mm 8W865	865	6500 K	800 lm
929001338802	CorePro LEDtube 1200mm 14.5W840	840	4000 K	1600 lm
929001338902	CorePro LEDtube 1200mm 14.5W865	865	6500 K	1600 lm

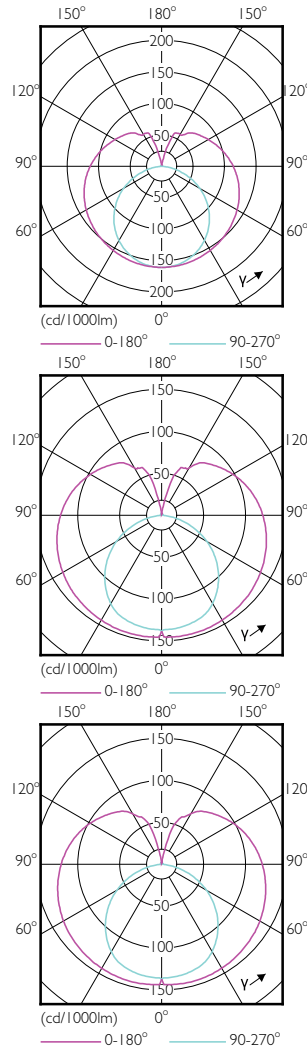
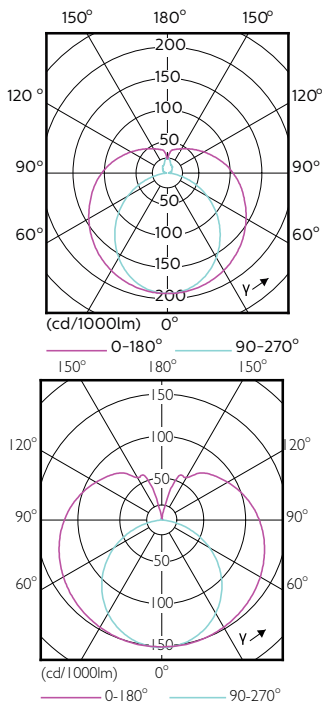
Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	865	6500 K	2000 lm
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	840	4000 K	2000 lm
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	865	6500 K	2700 lm

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Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	840	4000 K	2700 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001337902	CorePro LEDtube 1500mm 20W 840	45 °C
929001338002	CorePro LEDtube 1500mm 20W 865	45 °C
929001338602	CorePro LEDtube 600mm 8W840	40 °C
929001338702	CorePro LEDtube 600mm 8W865	40 °C
929001338802	CorePro LEDtube 1200mm 14.5W840	40 °C
929001338902	CorePro LEDtube 1200mm 14.5W865	40 °C
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	50 °C
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	50 °C
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	55 °C
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	55 °C



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