



# 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

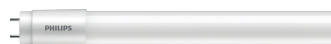
### Warnings and Safety

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

### Versions



G13



Medium Bi-Pin Fluorescent Tube,  
single-ended

## CorePro LEDtube EM/Mains T8

### Versions



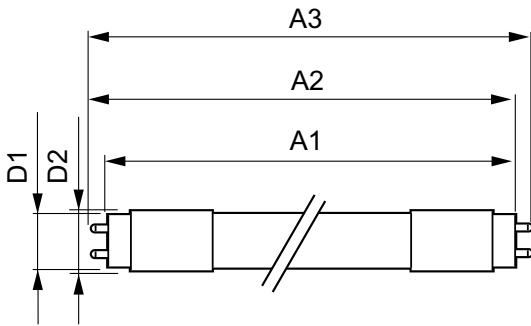
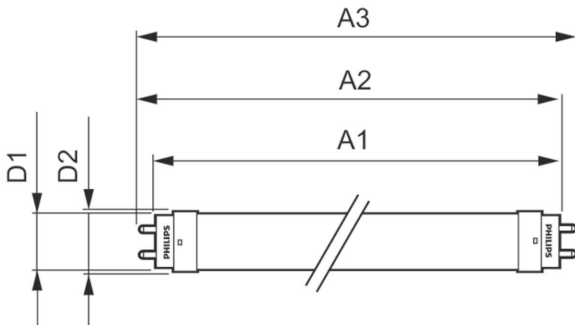
Medium Bi-Pin Fluorescent Tube,  
double-ended



Medium Bi-Pin Fluorescent Tube,  
single-ended

# CorePro LEDtube EM/Mains T8

## 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

Product	D1	D2	A1	A2	A3
CorePro LEDTube 8ft 33W 3800lm 865 T8 BR	27.8 mm	27.8 mm	2373.1 mm	2380.2 mm	2387.3 mm
CorePro LEDtube 1200mm HO 18W840 C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 1200mm 18W 840 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 1200mm 18W 830 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 1200mm 18W 865 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 1200mm HO 18W865 C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 600mm 9W 840 T8 C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604 mm
CorePro LEDtube 600mm 9W 830 T8C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604 mm
CorePro LEDtube 600mm 9W 865 T8 C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604 mm

# CorePro LEDtube EM/Mains T8

## Controls and Dimming

Dimmable	No
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## Operating and Electrical

Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

## General Information

Cap-Base	G13
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## Light Technical

Beam Angle (Nom)	240 °
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 (Min)	-40 °C

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001337902	CorePro LEDtube 1500mm 20W 840	20 kWh	A+
929001338002	CorePro LEDtube 1500mm 20W 865	20 kWh	A+
929001338602	CorePro LEDtube 600mm 8W840	8 kWh	A+
929001338702	CorePro LEDtube 600mm 8W865	8 kWh	A+
929001338802	CorePro LEDtube 1200mm 14.5W840	15 kWh	A+
929001338902	CorePro LEDtube 1200mm 14.5W865	15 kWh	A+
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	18 kWh	A+
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	18 kWh	A+
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	24 kWh	A+
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	24 kWh	A+
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	18 kWh	A+
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	18 kWh	A+
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	18 kWh	A+
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	18 kWh	A+
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	18 kWh	A+
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	- kWh	Not applicable
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	9 kWh	A+
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	9 kWh	A+
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	9 kWh	A+

## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
929001337902	CorePro LEDtube 1500mm 20W 840	220-240 V	20 W
929001338002	CorePro LEDtube 1500mm 20W 865	220-240 V	20 W
929001338602	CorePro LEDtube 600mm 8W840	220-240 V	8 W
929001338702	CorePro LEDtube 600mm 8W865	220-240 V	8 W
929001338802	CorePro LEDtube 1200mm 14.5W840	220-240 V	14.5 W
929001338902	CorePro LEDtube 1200mm 14.5W865	220-240 V	14.5 W
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	220-240 V	18 W
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	220-240 V	18 W
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	220-240 V	24 W
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	220-240 V	24 W
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	100-240 V	18 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	100-240 V	18 W
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	100-240 V	18 W
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	100-240 V	18 W
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	100-240 V	18 W
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	100-240 V	33 W
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	100-240 V	9 W
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	100-240 V	9 W
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	100-240 V	9 W

## General Information

## CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	Nominal Lifetime (Nom)	Switching Cycle
929001337902	CorePro LEDtube 1500mm 20W 840	30000 h	200000X
929001338002	CorePro LEDtube 1500mm 20W 865	30000 h	200000X
929001338602	CorePro LEDtube 600mm 8W840	30000 h	200000X
929001338702	CorePro LEDtube 600mm 8W865	30000 h	200000X
929001338802	CorePro LEDtube 1200mm 14.5W840	30000 h	200000X
929001338902	CorePro LEDtube 1200mm 14.5W865	30000 h	200000X
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	30000 h	200000X
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	30000 h	200000X
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	30000 h	200000X
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	30000 h	200000X
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	25000 h	50000X

Order Code	Full Product Name	Nominal Lifetime (Nom)	Switching Cycle
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	25000 h	50000X
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	25000 h	50000X
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	25000 h	50000X
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	25000 h	50000X
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	25000 h	50000X
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	25000 h	50000X
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	25000 h	50000X
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	25000 h	50000X

### 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
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
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	840	4000 K	2700 lm
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	830	3000 K	1850 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	840	4000 K	1850 lm
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	865	6500 K	1850 lm
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	840	4000 K	2100 lm
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	865	6500 K	2100 lm
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	865	6500 K	3800 lm
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	830	3000 K	900 lm
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	840	4000 K	900 lm
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	865	6500 K	900 lm

### Mechanical and Housing

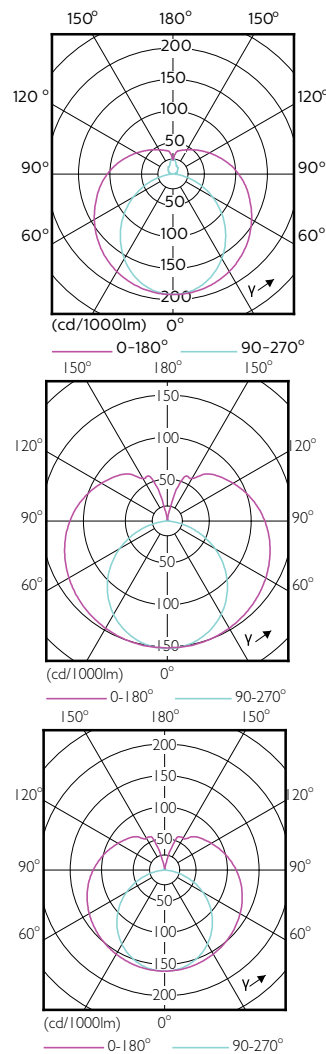
# CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	Bulb Shape
929001337902	CorePro LEDtube 1500mm 20W 840	Tube, double-ended
929001338002	CorePro LEDtube 1500mm 20W 865	Tube, double-ended
929001338602	CorePro LEDtube 600mm 8W840	Tube, double-ended
929001338702	CorePro LEDtube 600mm 8W865	Tube, double-ended
929001338802	CorePro LEDtube 1200mm 14.5W840	Tube, double-ended
929001338902	CorePro LEDtube 1200mm 14.5W865	Tube, double-ended
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	Tube, double-ended
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	Tube, double-ended
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	Tube, double-ended
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	Tube, double-ended

Order Code	Full Product Name	Bulb Shape
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	Tube, single-ended
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	Tube, single-ended
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	Tube, single-ended
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	Tube, single-ended
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	Tube, single-ended
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	Tube, double-ended
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	Tube, single-ended
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	Tube, single-ended
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	Tube, single-ended

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)	T-Storage (Max)
929001337902	CorePro LEDtube 1500mm 20W 840	45 °C	65 °C
929001338002	CorePro LEDtube 1500mm 20W 865	45 °C	65 °C
929001338602	CorePro LEDtube 600mm 8W840	40 °C	65 °C
929001338702	CorePro LEDtube 600mm 8W865	40 °C	65 °C
929001338802	CorePro LEDtube 1200mm 14.5W840	40 °C	65 °C
929001338902	CorePro LEDtube 1200mm 14.5W865	40 °C	65 °C
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	50 °C	65 °C
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	50 °C	65 °C
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	55 °C	65 °C
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	55 °C	65 °C
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	65 °C	65 °C
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	65 °C	65 °C
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	65 °C	65 °C
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	65 °C	65 °C
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	65 °C	65 °C
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	50 °C	60 °C
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	65 °C	65 °C
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	65 °C	65 °C
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	65 °C	65 °C



# CorePro LEDtube EM/Mains T8

