



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

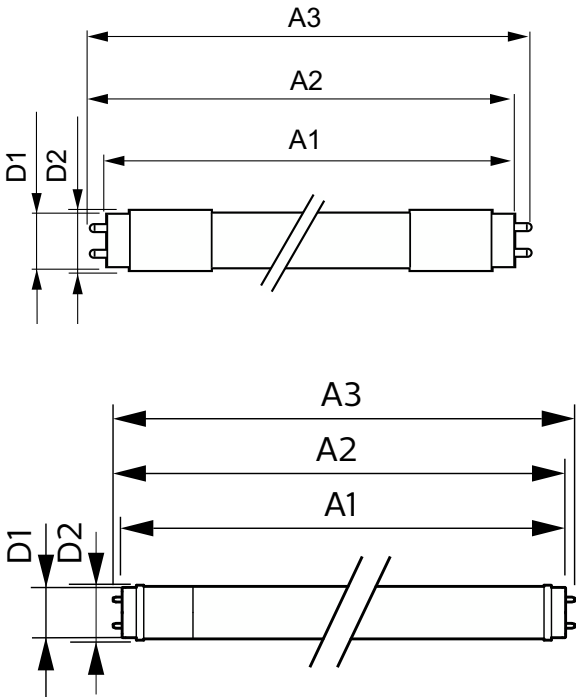
- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

Warnings and Safety

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CorePro LEDtube EM/Mains

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1800mm 21W 840 T8	25.8 mm	28 mm	1,762.6 mm	1,769.7 mm	1,776.8 mm
CorePro LEDtube 1800mm 21W 865 T8	25.8 mm	28 mm	1,762.6 mm	1,769.7 mm	1,776.8 mm
CorePro LEDtube 1800mm 21W830 T8	25.8 mm	28 mm	1,762.6 mm	1,769.7 mm	1,776.8 mm

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 15.5W 830 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm 15.5W 840 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm 15.5W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm 15.5W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1500mm 20W 830 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 1500mm 20W 840 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 1500mm 20W 865 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 600mm 8W 830 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 8W 840 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 8W 840 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 8W 865 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

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General Information	
Cap base	G13
Switching Cycle	200,000
Nominal lifetime	50,000 h
Light Technical	
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting time (nom.)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	T8

Light Technical

Order Code	Full Product Name	Beam angle (nom.)	Correlated Colour Temperature (Nom)	Colour Code	Luminous Flux
31692800	CorePro LEDtube 1800mm 21W 840 T8	160 degree(s)	4000 K	840	3,100 lm
47381200	CorePro LEDtube 1800mm 21W 865 T8	160 degree(s)	6500 K	865	3,100 lm
49493000	CorePro LEDtube 1800mm 21W830 T8	160 degree(s)	3000 K	830	2,900 lm
32531900	CorePro LEDtube 600mm 8W 840 T8	240 degree(s)	4000 K	840	800 lm
44807000	CorePro LEDtube 1200mm 15.5W 840 T8	240 degree(s)	4000 K	840	1,800 lm
44809400	CorePro LEDtube 1200mm 15.5W 865 T8	240 degree(s)	6500 K	865	1,800 lm
46956300	CorePro LEDtube 1200mm 15.5W 865 T8	240 degree(s)	6500 K	865	1,800 lm
45977900	CorePro LEDtube 600mm 8W 840 T8	240 degree(s)	4000 K	840	800 lm
45979300	CorePro LEDtube 600mm 8W 865 T8	240 degree(s)	6500 K	865	800 lm
45981600	CorePro LEDtube 1500mm 20W 840 T8	240 degree(s)	4000 K	840	2,200 lm
45983000	CorePro LEDtube 1500mm 20W 865 T8	240 degree(s)	6500 K	865	2,200 lm
48638600	CorePro LEDtube 600mm 8W 830 T8	240 degree(s)	3000 K	830	750 lm
48640900	CorePro LEDtube 1200mm 15.5W 830 T8	240 degree(s)	3000 K	830	1,700 lm
48642300	CorePro LEDtube 1500mm 20W 830 T8	240 degree(s)	3000 K	830	2,050 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
31692800	CorePro LEDtube 1800mm 21W 840 T8	21 W
47381200	CorePro LEDtube 1800mm 21W 865 T8	21 W
49493000	CorePro LEDtube 1800mm 21W830 T8	21 W
32531900	CorePro LEDtube 600mm 8W 840 T8	8 W
44807000	CorePro LEDtube 1200mm 15.5W 840 T8	15.5 W
44809400	CorePro LEDtube 1200mm 15.5W 865 T8	15.5 W
46956300	CorePro LEDtube 1200mm 15.5W 865 T8	15.5 W

Order Code	Full Product Name	Power Consumption
45977900	CorePro LEDtube 600mm 8W 840 T8	8 W
45979300	CorePro LEDtube 600mm 8W 865 T8	8 W
45981600	CorePro LEDtube 1500mm 20W 840 T8	20 W
45983000	CorePro LEDtube 1500mm 20W 865 T8	20 W
48638600	CorePro LEDtube 600mm 8W 830 T8	8 W
48640900	CorePro LEDtube 1200mm 15.5W 830 T8	15.5 W
48642300	CorePro LEDtube 1500mm 20W 830 T8	20 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
31692800	CorePro LEDtube 1800mm 21W 840 T8	60 °C
47381200	CorePro LEDtube 1800mm 21W 865 T8	60 °C
49493000	CorePro LEDtube 1800mm 21W830 T8	60 °C
32531900	CorePro LEDtube 600mm 8W 840 T8	50 °C
44807000	CorePro LEDtube 1200mm 15.5W 840 T8	60 °C
44809400	CorePro LEDtube 1200mm 15.5W 865 T8	60 °C

Order Code	Full Product Name	T-Case maximum (nom.)
46956300	CorePro LEDtube 1200mm 15.5W 865 T8	60 °C
45977900	CorePro LEDtube 600mm 8W 840 T8	50 °C
45979300	CorePro LEDtube 600mm 8W 865 T8	50 °C
45981600	CorePro LEDtube 1500mm 20W 840 T8	60 °C
45983000	CorePro LEDtube 1500mm 20W 865 T8	60 °C
48638600	CorePro LEDtube 600mm 8W 830 T8	50 °C

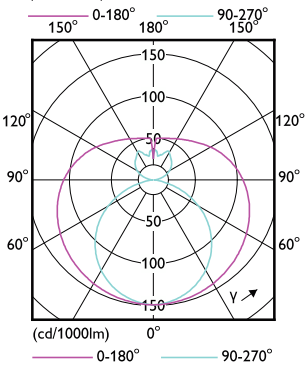
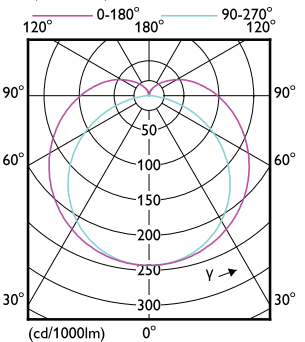
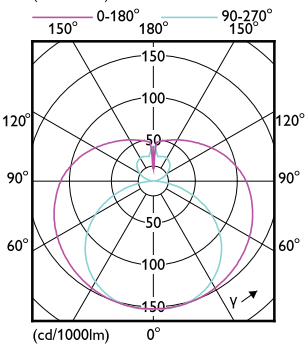
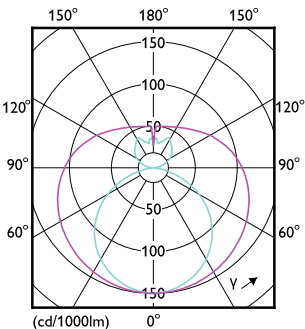
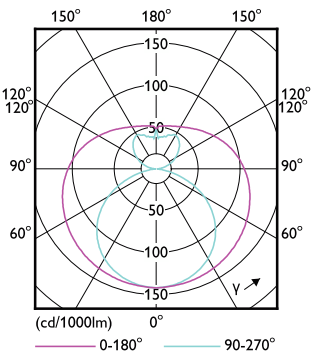
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Order Code	Full Product Name	T-Case maximum (nom.)
48640900	CorePro LEDtube 1200mm 15.5W 830 T8	60 °C

Order Code	Full Product Name	T-Case maximum (nom.)
48642300	CorePro LEDtube 1500mm 20W 830 T8	60 °C

Approval and Application

Order Code	Full Product Name	Ambient temperature range	Energy consumption kWh/ 1,000 hours
31692800	CorePro LEDtube 1800mm 21W 840 T8	-20°C to 45°C	21 kWh
47381200	CorePro LEDtube 1800mm 21W 865 T8	-20°C to 45°C	21 kWh
49493000	CorePro LEDtube 1800mm 21W830 T8	-20°C to 45°C	21 kWh
32531900	CorePro LEDtube 600mm 8W 840 T8	-20 to +45 °C	8 kWh
44807000	CorePro LEDtube 1200mm 15.5W 840 T8	-20 to +45 °C	16 kWh
44809400	CorePro LEDtube 1200mm 15.5W 865 T8	-20 to +45 °C	16 kWh
46956300	CorePro LEDtube 1200mm 15.5W 865 T8	-20°C to 45°C	16 kWh
45977900	CorePro LEDtube 600mm 8W 840 T8	-20 to +45 °C	8 kWh
45979300	CorePro LEDtube 600mm 8W 865 T8	-20 to +45 °C	8 kWh
45981600	CorePro LEDtube 1500mm 20W 840 T8	-20 to +45 °C	20 kWh
45983000	CorePro LEDtube 1500mm 20W 865 T8	-20 to +45 °C	20 kWh
48638600	CorePro LEDtube 600mm 8W 830 T8	-20 to +45 °C	8 kWh
48640900	CorePro LEDtube 1200mm 15.5W 830 T8	-20 to +45 °C	16 kWh
48642300	CorePro LEDtube 1500mm 20W 830 T8	-20 to +45 °C	20 kWh



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