



# The affordable LED solution

## CorePro LED tube 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

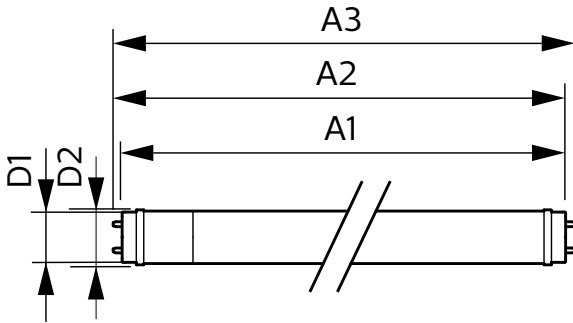
- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

### Warnings and Safety

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## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 15.5W 840 T8 AP I	28 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm 15.5W 865 T8 AP I	28 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm HO 18W 840 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm HO 18W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm UO 17.7W 830 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm UO 17.7W 840 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm UO 17.7W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1500mm HO 24W 865 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 1500mm UO 25.9W 830 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 1500mm UO 25.9W 840 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 1500mm UO 25.9W 865 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 600mm 8W 840 T8 AP I	28 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 8W 865 T8 AP I	28 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

# CorePro LED tube EM/Mains T8

General Information	
Cap-Base	G13
Switching Cycle	200,000
Nominal lifetime	50,000 hour(s)
Light Technical	
Beam Angle (Nom)	240 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8
Approval and Application	
Ambient temperature range	-20 to +45 °C

## Light Technical

Order Code	Full Product Name	Correlated Color	Color	Luminous Flux
		Temperature (Nom)	Code	
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	6500 K	865	2,000 lm
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	4000 K	840	2,000 lm
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	6500 K	865	2,700 lm
27708300	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	4000 K	840	1,800 lm
27712000	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	6500 K	865	1,800 lm
27700700	CorePro LEDtube 600mm 8W 840 T8 AP I	4000 K	840	800 lm
27704500	CorePro LEDtube 600mm 8W 865 T8 AP I	6500 K	865	800 lm
27858501	CorePro LEDtube 1200mm UO 17.7W 830 T8	3000 K	830	2,250 lm
27860800	CorePro LEDtube 1200mm UO 17.7W 840 T8	4000 K	840	2,400 lm
27862200	CorePro LEDtube 1200mm UO 17.7W 865 T8	6500 K	865	2,400 lm
27864600	CorePro LEDtube 1500mm UO 25.9W 830 T8	3000 K	830	3,320 lm
27866000	CorePro LEDtube 1500mm UO 25.9W 840 T8	4000 K	840	3,500 lm
27868400	CorePro LEDtube 1500mm UO 25.9W 865 T8	6500 K	865	3,500 lm

## Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption	Order Code	Full Product Name	Line Frequency	Power Consumption
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	50 to 60 Hz	18 W	27858501	CorePro LEDtube 1200mm UO 17.7W 830 T8	-	17.7 W
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	50 to 60 Hz	18 W	27860800	CorePro LEDtube 1200mm UO 17.7W 840 T8	-	17.7 W
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	50 to 60 Hz	24 W	27862200	CorePro LEDtube 1200mm UO 17.7W 865 T8	-	17.7 W
27708300	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	-	15.5 W	27864600	CorePro LEDtube 1500mm UO 25.9W 830 T8	-	25.9 W
27712000	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	-	15.5 W	27866000	CorePro LEDtube 1500mm UO 25.9W 840 T8	-	25.9 W
27700700	CorePro LEDtube 600mm 8W 840 T8 AP I	-	8 W	27868400	CorePro LEDtube 1500mm UO 25.9W 865 T8	-	25.9 W
27704500	CorePro LEDtube 600mm 8W 865 T8 AP I	-	8 W				

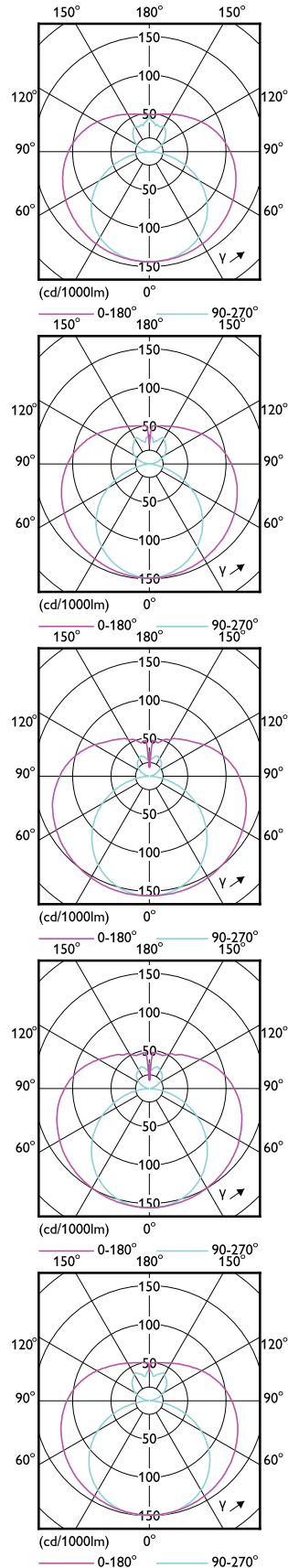
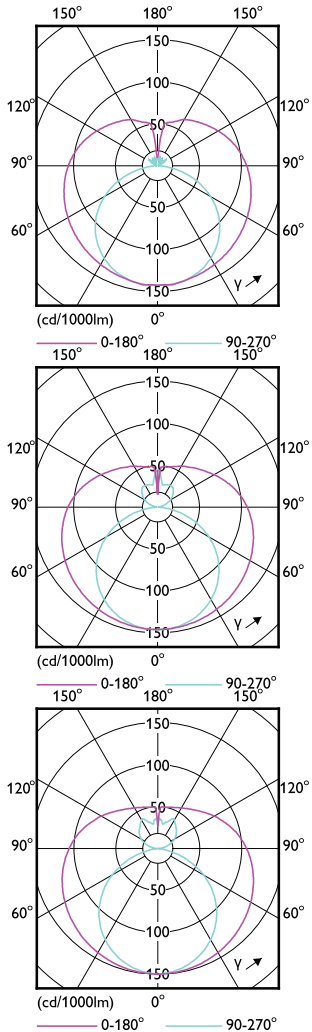
## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)	Order Code	Full Product Name	T-Case Maximum (Nom)
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	60 °C	27858501	CorePro LEDtube 1200mm UO 17.7W 830 T8	55 °C
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	60 °C	27860800	CorePro LEDtube 1200mm UO 17.7W 840 T8	55 °C
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	60 °C	27862200	CorePro LEDtube 1200mm UO 17.7W 865 T8	55 °C
27708300	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	60 °C	27864600	CorePro LEDtube 1500mm UO 25.9W 830 T8	55 °C
27712000	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	60 °C	27866000	CorePro LEDtube 1500mm UO 25.9W 840 T8	55 °C
27700700	CorePro LEDtube 600mm 8W 840 T8 AP I	50 °C	27868400	CorePro LEDtube 1500mm UO 25.9W 865 T8	55 °C
27704500	CorePro LEDtube 600mm 8W 865 T8 AP I	50 °C			

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## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
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
27708300	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	-
27712000	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	-
27700700	CorePro LEDtube 600mm 8W 840 T8 AP I	-
27704500	CorePro LEDtube 600mm 8W 865 T8 AP I	-
27858501	CorePro LEDtube 1200mm UO 17.7W 830 T8	18 kWh
27860800	CorePro LEDtube 1200mm UO 17.7W 840 T8	18 kWh
27862200	CorePro LEDtube 1200mm UO 17.7W 865 T8	18 kWh
27864600	CorePro LEDtube 1500mm UO 25.9W 830 T8	26 kWh
27866000	CorePro LEDtube 1500mm UO 25.9W 840 T8	26 kWh
27868400	CorePro LEDtube 1500mm UO 25.9W 865 T8	26 kWh



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