



# 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

- 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

- -

## CorePro LEDtube EM/Mains T8

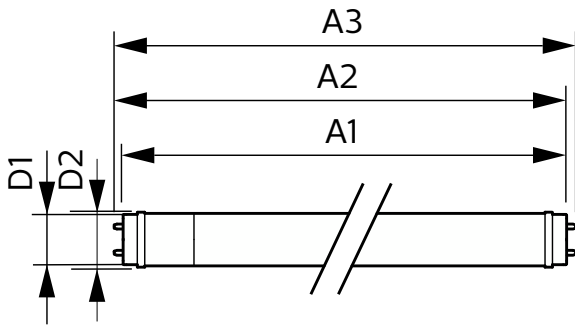
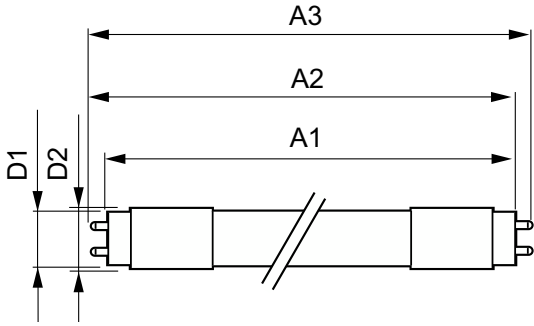
### Versions



LEDtube COR 21W G13

# CorePro LEDtube EM/Mains T8

## 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 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 16W 840 T8 AP I	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm 16W 865 T8 AP I	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1500mm 20W 840 T8 AP I	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 1500mm 20W 865 T8 AP I	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 1500mm HO 24W 840 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 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 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 LEDtube 600mm 9W 840 T8 AP I	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 9W 865 T8 AP I	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube HO 1200mm 18W865T8 AP	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
Corepro LEDtube HO 1200mm 18W840T8 AP	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

# CorePro LEDtube EM/Mains T8

General Information	
Cap-Base	G13
Switching Cycle	200,000
Light Technical	
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

## General Information

Order Code	Full Product Name	Nominal lifetime
929002998802	CorePro LEDtube 1800mm 21W 840 T8	50,000 hour(s)
929003561802	CorePro LEDtube 1800mm 21W 865 T8	50,000 hour(s)
929003584702	CorePro LEDtube 1800mm 21W830 T8	50,000 hour(s)
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	50,000 hour(s)
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	50,000 hour(s)
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	50,000 hour(s)
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	50,000 hour(s)
929003520108	CorePro LEDtube 600mm 9W 840 T8 AP I	30,000 hour(s)
929003520208	CorePro LEDtube 600mm 9W 865 T8 AP I	30,000 hour(s)
929003520308	CorePro LEDtube 1200mm 16W 840 T8 AP I	30,000 hour(s)
929003520408	CorePro LEDtube 1200mm 16W 865 T8 AP I	30,000 hour(s)
929003520508	CorePro LEDtube 1500mm 20W 840 T8 AP I	30,000 hour(s)
929003520608	CorePro LEDtube 1500mm 20W 865 T8 AP I	30,000 hour(s)
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	30,000 hour(s)
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	30,000 hour(s)
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	50,000 hour(s)
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	50,000 hour(s)
929003577232	CorePro LEDtube 1200mm 15.5W 830 T8	50,000 hour(s)

## Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated		
			Color Temperature (Nom)	Color Code	Luminous Flux
929002998802	CorePro LEDtube 1800mm 21W 840 T8	160 degree(s)	4000 K	840	3,100 lm
929003561802	CorePro LEDtube 1800mm 21W 865 T8	160 degree(s)	6500 K	865	3,100 lm
929003584702	CorePro LEDtube 1800mm 21W830 T8	160 degree(s)	3000 K	830	2,900 lm
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	240 degree(s)	6500 K	865	2,700 lm
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	240 degree(s)	4000 K	840	2,700 lm
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	240 degree(s)	4000 K	840	1,800 lm
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	240 degree(s)	6500 K	865	1,800 lm
929003520108	CorePro LEDtube 600mm 9W 840 T8 AP I	240 degree(s)	4000 K	840	900 lm
929003520208	CorePro LEDtube 600mm 9W 865 T8 AP I	240 degree(s)	6500 K	865	900 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated		
			Color Temperature (Nom)	Color Code	Luminous Flux
929003520308	CorePro LEDtube 1200mm 16W 840 T8 AP I	240 degree(s)	4000 K	840	1,800 lm
929003520408	CorePro LEDtube 1200mm 16W 865 T8 AP I	240 degree(s)	6500 K	865	1,800 lm
929003520508	CorePro LEDtube 1500mm 20W 840 T8 AP I	240 degree(s)	4000 K	840	2,200 lm
929003520608	CorePro LEDtube 1500mm 20W 865 T8 AP I	240 degree(s)	6500 K	865	2,200 lm
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	240 degree(s)	4000 K	840	2,100 lm
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	240 degree(s)	6500 K	865	2,100 lm
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	240 degree(s)	4000 K	840	800 lm
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	240 degree(s)	6500 K	865	800 lm

## CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
929003577232	CorePro LEDtube 1200mm 15.5W 830 T8	240 degree(s)	3000 K	830	1,700 lm

### Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power	
			Consumption	
929002998802	CorePro LEDtube 1800mm 21W 840 T8	50 to 60 Hz	21 W	
929003561802	CorePro LEDtube 1800mm 21W 865 T8	50 to 60 Hz	21 W	
929003584702	CorePro LEDtube 1800mm 21W830 T8	50 to 60 Hz	21 W	
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	50 to 60 Hz	24 W	
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	50 to 60 Hz	24 W	
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	-	15.5 W	
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	-	15.5 W	
929003520108	CorePro LEDtube 600mm 9W 840 T8 AP I	50 to 60 Hz	9 W	
929003520208	CorePro LEDtube 600mm 9W 865 T8 AP I	50 to 60 Hz	9 W	

Order Code	Full Product Name	Line Frequency	Power	
			Consumption	
929003520308	CorePro LEDtube 1200mm 16W 840 T8 AP I	50 to 60 Hz	16 W	
929003520408	CorePro LEDtube 1200mm 16W 865 T8 AP I	50 to 60 Hz	16 W	
929003520508	CorePro LEDtube 1500mm 20W 840 T8 AP I	50 to 60 Hz	20 W	
929003520608	CorePro LEDtube 1500mm 20W 865 T8 AP I	50 to 60 Hz	20 W	
929003520708	CorePro LEDtube HO 1200mm 18W840T8 AP	50 to 60 Hz	18 W	
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	50 to 60 Hz	18 W	
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	-	8 W	
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	-	8 W	
929003577232	CorePro LEDtube 1200mm 15.5W 830 T8	50 to 60 Hz	15.5 W	

### Temperature

Order Code	Full Product Name	Ambient temperature range	T-Case	
			Maximum (Nom)	
929002998802	CorePro LEDtube 1800mm 21W 840 T8	-20 °C to 45 °C	60 °C	
929003561802	CorePro LEDtube 1800mm 21W 865 T8	-20 °C to 45 °C	60 °C	
929003584702	CorePro LEDtube 1800mm 21W830 T8	-20 °C to 45 °C	60 °C	
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	-20 °C to 45 °C	55 °C	
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	-20 °C to 45 °C	55 °C	
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	-20 to +45 °C	60 °C	
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	-20 to +45 °C	60 °C	
929003520108	CorePro LEDtube 600mm 9W 840 T8 AP I	-20 °C to 45 °C	45 °C	

Order Code	Full Product Name	Ambient temperature range	T-Case	
			Maximum (Nom)	
929003520208	CorePro LEDtube 600mm 9W 865 T8 AP I	-20 °C to 45 °C	45 °C	
929003520308	CorePro LEDtube 1200mm 16W 840 T8 AP I	-20 °C to 45 °C	50 °C	
929003520408	CorePro LEDtube 1200mm 16W 865 T8 AP I	-20 °C to 45 °C	50 °C	
929003520508	CorePro LEDtube 1500mm 20W 840 T8 AP I	-20 °C to 45 °C	50 °C	
929003520608	CorePro LEDtube 1500mm 20W 865 T8 AP I	-20 °C to 45 °C	50 °C	
929003520708	CorePro LEDtube HO 1200mm 18W840T8 AP	-20 °C to 45 °C	55 °C	
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	-20 °C to 45 °C	55 °C	
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	-20 to +45 °C	50 °C	

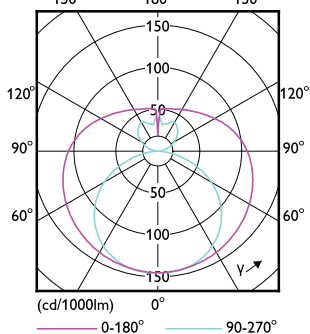
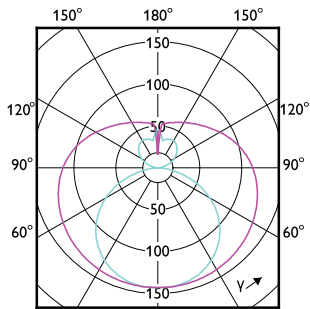
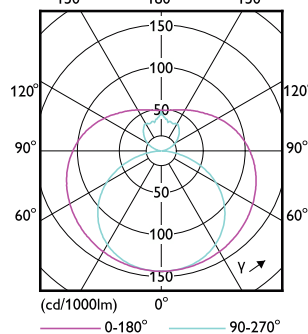
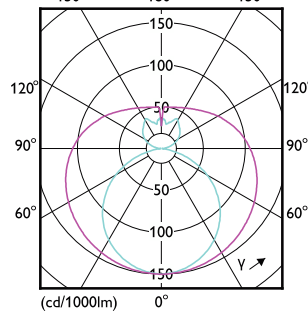
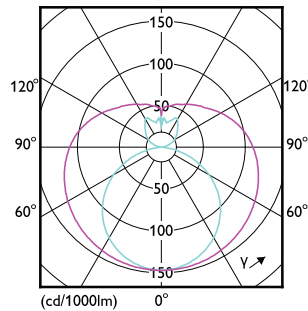
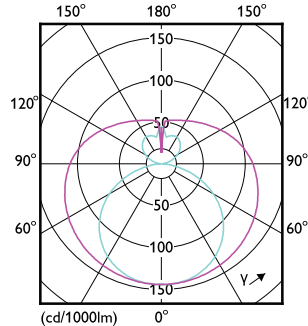
# CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	-20 to +45 °C	50 °C

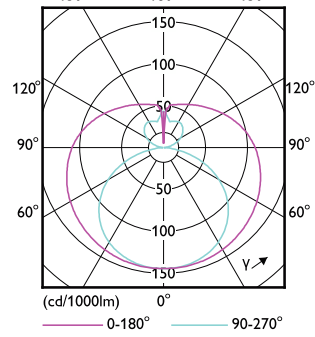
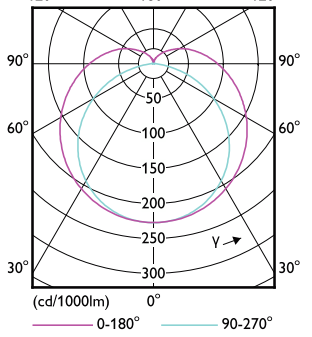
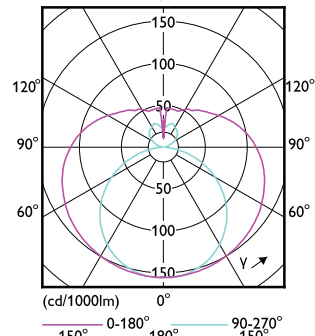
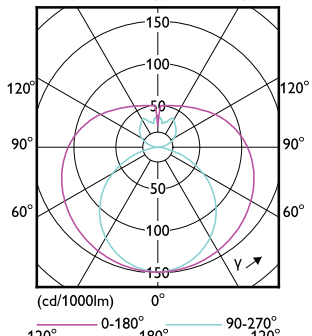
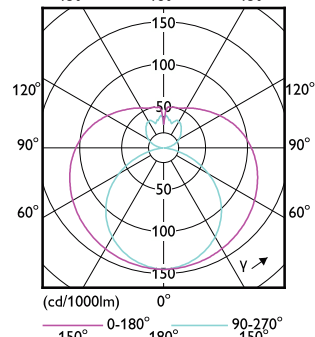
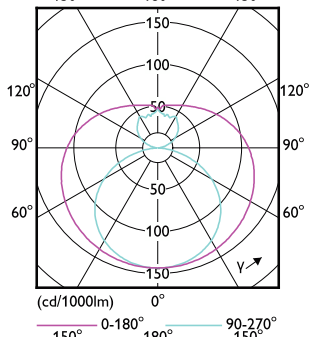
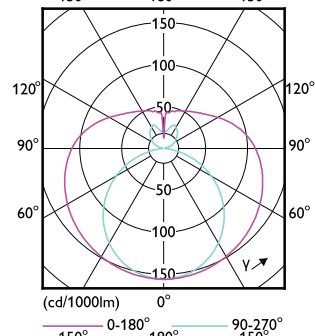
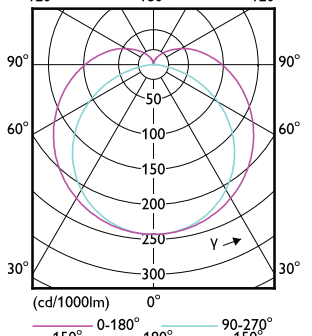
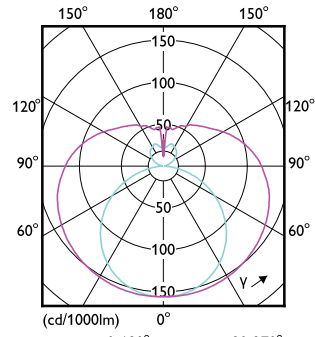
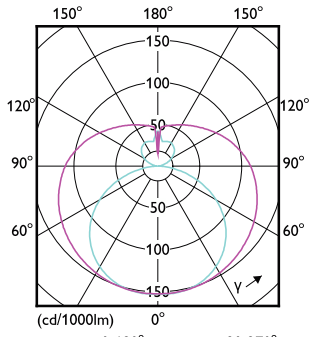
Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929003577232	CorePro LEDtube 1200mm 15.5W 830 T8	-20 °C to 45 °C	60 °C

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002998802	CorePro LEDtube 1800mm 21W 840 T8	21 kWh
929003561802	CorePro LEDtube 1800mm 21W 865 T8	21 kWh
929003584702	CorePro LEDtube 1800mm 21W830 T8	21 kWh
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	24 kWh
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	24 kWh
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	-
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	-
929003520108	CorePro LEDtube 600mm 9W 840 T8 AP I	-
929003520208	CorePro LEDtube 600mm 9W 865 T8 AP I	-
929003520308	CorePro LEDtube 1200mm 16W 840 T8 AP I	-
929003520408	CorePro LEDtube 1200mm 16W 865 T8 AP I	-
929003520508	CorePro LEDtube 1500mm 20W 840 T8 AP I	-
929003520608	CorePro LEDtube 1500mm 20W 865 T8 AP I	-
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	-
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	-
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	-
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	-
929003577232	CorePro LEDtube 1200mm 15.5W 830 T8	16 kWh



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