



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

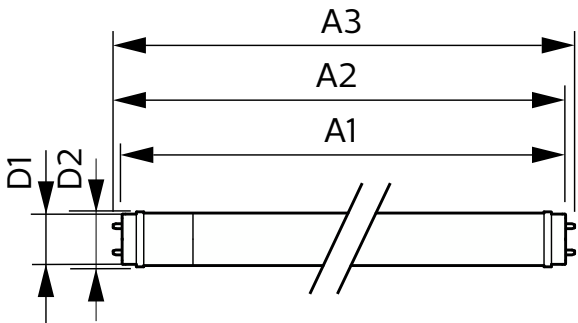
- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

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Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 15.5W 865 T8 AP I	28 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 50k 1200mm 18W865T8 MY	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 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 HO 1200mm 18W865T8 AP	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
Corepro LEDtube 50k 1200mm 18W840T8 MY	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

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

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	6500 K	865	1,800 lm
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	4000 K	840	2,100 lm
929003520738	Corepro LEDtube 50k 1200mm 18W840T8 MY	4000 K	840	2,100 lm
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	6500 K	865	2,100 lm
929003520838	CorePro LEDtube 50k 1200mm 18W865T8 MY	6500 K	865	2,100 lm
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	4000 K	840	800 lm
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	6500 K	865	800 lm

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	-	15.5 W	-
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	50 to 60 Hz	18 W	-

Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent
929003520738	Corepro LEDtube 50k 1200mm 18W840T8 MY	-	18 W	36 W
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	50 to 60 Hz	18 W	-

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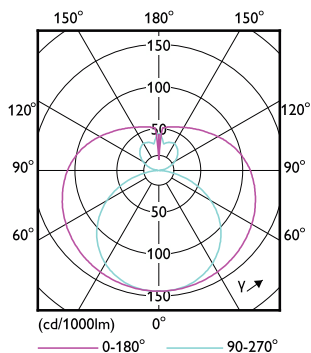
Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent
929003520838	CorePro LEDtube 50k 1200mm 18W865T8 MY	-	18 W	36 W
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	-	8 W	-

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	60 °C
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	55 °C
929003520738	Corepro LEDtube 50k 1200mm 18W840T8 MY	55 °C
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	55 °C

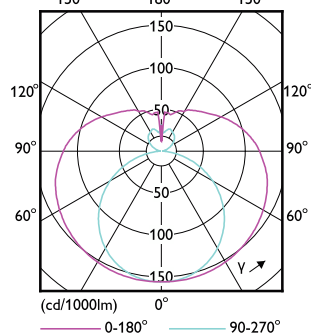
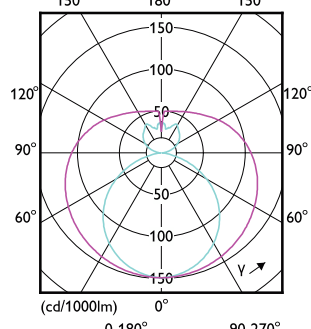
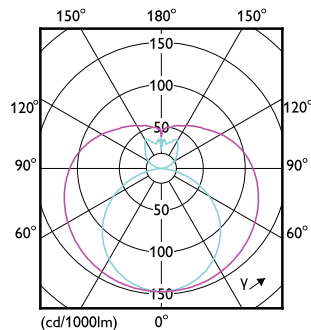
Approval and Application

Order Code	Full Product Name	Ambient temperature range
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	-20 to +45 °C
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	-20 °C to 45 °C
929003520738	Corepro LEDtube 50k 1200mm 18W840T8 MY	-20 to +45 °C
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	-20 °C to 45 °C
929003520838	CorePro LEDtube 50k 1200mm 18W865T8 MY	-20 to +45 °C
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	-20 to +45 °C
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	-20 to +45 °C



Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	-	8 W	-

Order Code	Full Product Name	T-Case Maximum (Nom)
929003520838	CorePro LEDtube 50k 1200mm 18W865T8 MY	55 °C
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	50 °C
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	50 °C



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