



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

- 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.

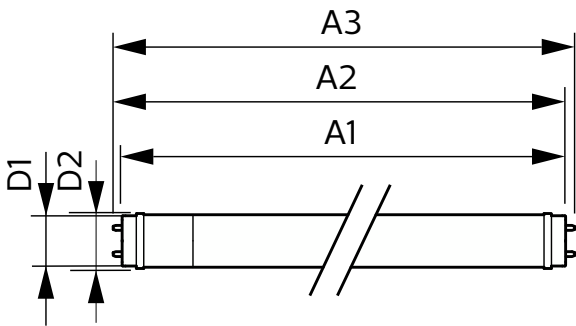
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Versions



CorePro LEDtube 5CCT T8 AU

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 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 5CCT T8 AU	25.7 mm	26.6 mm	589.8 mm	596.9 mm	604 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

General Information	
Cap-Base	G13
Switching Cycle	200,000
Nominal lifetime	50,000 hour(s)
Light Technical	
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

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code
929004265519	CorePro LEDtube 600mm 9W 5CCT T8 AU	190 degree(s)	2700 K	83	2700K/
					3000K/
					4000K/
					5000K/
					6500K
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	240 degree(s)	4000 K	80	840
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	240 degree(s)	6500 K	80	865
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	240 degree(s)	4000 K	80	840
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	240 degree(s)	6500 K	80	865

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Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color	Color Code
			Temperature (Nom)	rendering index (CRI)	
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	240 degree(s)	4000 K	80	840
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	240 degree(s)	6500 K	80	865

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
929004265519	CorePro LEDtube 600mm 9W 5CCT T8 AU	1,000 lm
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	1,800 lm
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	1,800 lm
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	2,100 lm

Order Code	Full Product Name	Luminous Flux
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	2,100 lm
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	800 lm
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	800 lm

Operating and Electrical

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
929004265519	CorePro LEDtube 600mm 9W 5CCT T8 AU	-	9 W	18 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	-
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	50 to 60 Hz	18 W	-

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
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	-

Temperature

Order Code	Full Product Name	T-Case Maximum
		(Nom)
929004265519	CorePro LEDtube 600mm 9W 5CCT T8 AU	60 °C
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	60 °C
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	60 °C
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	55 °C

Order Code	Full Product Name	T-Case Maximum
		(Nom)
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	55 °C
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	50 °C
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	50 °C

Mechanical and Housing

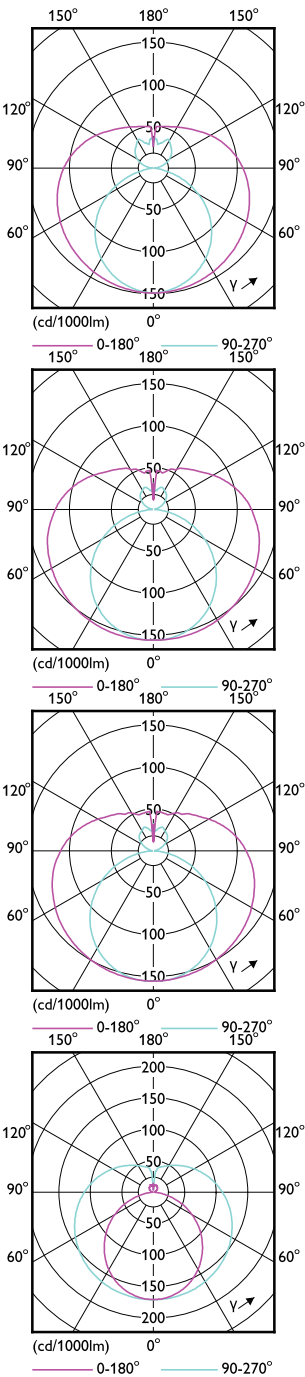
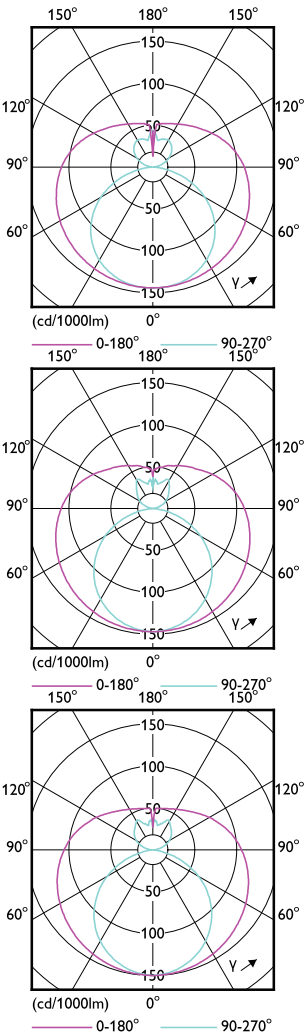
Order Code	Full Product Name	Bulb Shape
929004265519	CorePro LEDtube 600mm 9W 5CCT T8 AU	Tube, double-ended
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	T8
929003519808	CorePro LEDtube 1200mm 15.5W 865 T8 AP I	T8
929003520708	Corepro LEDtube HO 1200mm 18W840T8 AP	T8

Order Code	Full Product Name	Bulb Shape
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	T8
929003547208	CorePro LEDtube 600mm 8W 840 T8 AP I	T8
929003547308	CorePro LEDtube 600mm 8W 865 T8 AP I	T8

Approval and Application

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Order Code	Full Product Name	Ambient temperature range
929004265519	CorePro LEDtube 600mm 9W 5CCT T8 AU	-20 to +45 °C
929003519708	CorePro LEDtube 1200mm 15.5W 840 T8 AP I	-20 to +45 °C
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
929003520808	CorePro LEDtube HO 1200mm 18W865T8 AP	-20 °C 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



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