



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

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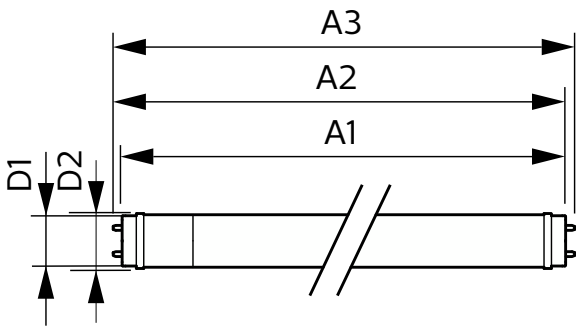
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Versions



12W G13

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 17.6W 840 T8 AU	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm 17.6W 865 T8 AU	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 1500mm 22W 840 T8 AU	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
CorePro LEDtube 1500mm 22W 865 T8 AU	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 9.9W 840 T8 AU	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 9.9W 865 T8 AU	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
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
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Temperature	
Ambient temperature range	-20 °C to 45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8

General Information

Order Code	Full Product Name	Nominal lifetime
929001874802	CorePro LEDtube 1200mm HO 18W 865 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)
929003520119	CorePro LEDtube 600mm 9.9W 840 T8 AU	30,000 hour(s)
929003520219	CorePro LEDtube 600mm 9.9W 865 T8 AU	30,000 hour(s)
929003520319	CorePro LEDtube 1200mm 17.6W 840 T8 AU	30,000 hour(s)
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	30,000 hour(s)
929003520519	CorePro LEDtube 1500mm 22W 840 T8 AU	30,000 hour(s)
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	30,000 hour(s)

Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	6500 K	865	2,000 lm
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	6500 K	865	2,700 lm
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	4000 K	840	2,700 lm
929003520119	CorePro LEDtube 600mm 9.9W 840 T8 AU	4000 K	840	900 lm
929003520219	CorePro LEDtube 600mm 9.9W 865 T8 AU	6500 K	865	900 lm

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929003520319	CorePro LEDtube 1200mm 17.6W 840 T8 AU	4000 K	840	1,800 lm
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	6500 K	865	1,800 lm
929003520519	CorePro LEDtube 1500mm 22W 840 T8 AU	4000 K	840	2,200 lm
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	6500 K	865	2,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	18 W
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	24 W
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	24 W
929003520119	CorePro LEDtube 600mm 9.9W 840 T8 AU	9.9 W
929003520219	CorePro LEDtube 600mm 9.9W 865 T8 AU	9.9 W

Order Code	Full Product Name	Power Consumption
929003520319	CorePro LEDtube 1200mm 17.6W 840 T8 AU	17.6 W
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	17.6 W
929003520519	CorePro LEDtube 1500mm 22W 840 T8 AU	22 W
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	22 W

Temperature

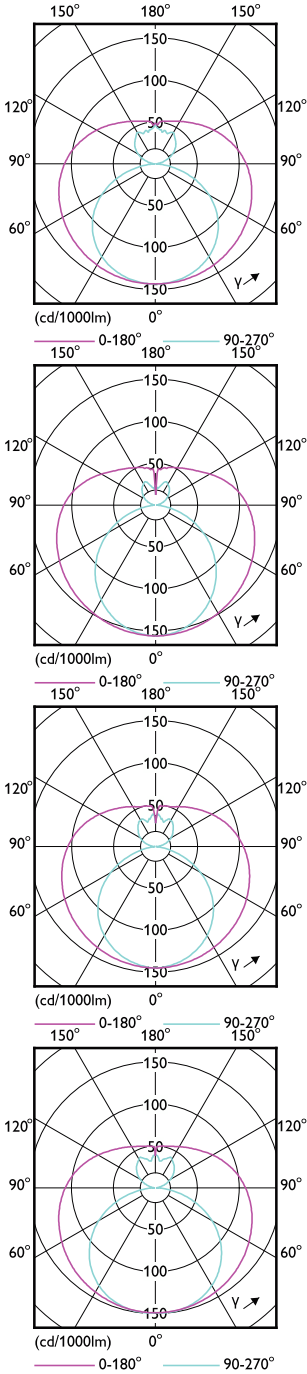
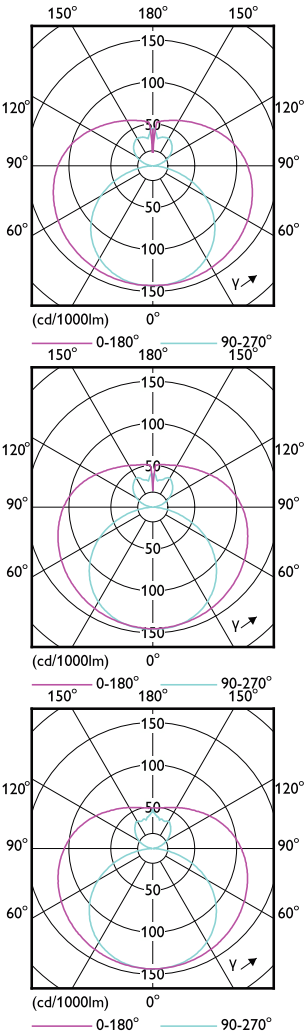
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Order Code	Full Product Name	T-Case Maximum (Nom)
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	60 °C
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	55 °C
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	55 °C
929003520119	CorePro LEDtube 600mm 9.9W 840 T8 AU	45 °C
929003520219	CorePro LEDtube 600mm 9.9W 865 T8 AU	45 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929003520319	CorePro LEDtube 1200mm 17.6W 840 T8 AU	50 °C
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	50 °C
929003520519	CorePro LEDtube 1500mm 22W 840 T8 AU	50 °C
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	50 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	18 kWh
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	24 kWh
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	24 kWh
929003520119	CorePro LEDtube 600mm 9.9W 840 T8 AU	-
929003520219	CorePro LEDtube 600mm 9.9W 865 T8 AU	-
929003520319	CorePro LEDtube 1200mm 17.6W 840 T8 AU	-
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	-
929003520519	CorePro LEDtube 1500mm 22W 840 T8 AU	-
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	-



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