



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

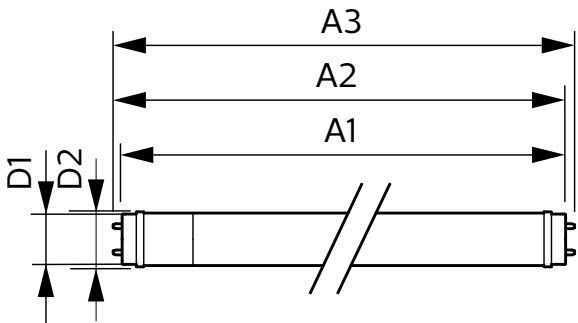
- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

Warnings and Safety

- –

CorePro LEDtube EM/Mains T8

Dimensional drawing



Product	D1	D2	A1	A2	A3
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 17W 840 T8 AU 1CT	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1200mm 17W 865 T8 AU 1CT	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
CorePro LEDtube 1500mm 22W 840 T8AU1CT	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 22W 865 T8AU1CT	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 8.8W 840 T8 AU 1CT	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 8.8W 865 T8 AU 1CT	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

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
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8

Order Code	Full Product Name	Nominal lifetime
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	50,000 hour(s)
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	50,000 hour(s)
929003519720	CorePro LEDtube 1200mm 17W 840 T8 AU 1CT	50,000 hour(s)
929003519820	CorePro LEDtube 1200mm 17W 865 T8 AU 1CT	50,000 hour(s)
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	30,000 hour(s)
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	30,000 hour(s)
929003547220	CorePro LEDtube 600mm 8.8W 840 T8 AU 1CT	50,000 hour(s)
929003547320	CorePro LEDtube 600mm 8.8W 865 T8 AU 1CT	50,000 hour(s)
929003547420	CorePro LEDtube 1500mm 22W 840 T8AU1CT	50,000 hour(s)
929003547520	CorePro LEDtube 1500mm 22W 865 T8AU1CT	50,000 hour(s)

Light Technical

CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
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
929003519720	CorePro LEDtube 1200mm 17W 840 T8 AU 1CT	4000 K	840	1,800 lm
929003519820	CorePro LEDtube 1200mm 17W 865 T8 AU 1CT	6500 K	865	1,800 lm
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	6500 K	865	1,800 lm
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	6500 K	865	2,200 lm

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929003547220	CorePro LEDtube 600mm 8.8W 840 T8 AU 1CT	4000 K	840	800 lm
929003547320	CorePro LEDtube 600mm 8.8W 865 T8 AU 1CT	6500 K	865	800 lm
929003547420	CorePro LEDtube 1500mm 22W 840 T8AU1CT	4000 K	840	2,200 lm
929003547520	CorePro LEDtube 1500mm 22W 865 T8AU1CT	6500 K	865	2,200 lm

Operating and Electrical

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
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	-
929003519720	CorePro LEDtube 1200mm 17W 840 T8 AU 1CT	-	17 W	36 W
929003519820	CorePro LEDtube 1200mm 17W 865 T8 AU 1CT	-	17 W	36 W
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	50 to 60 Hz	17.6 W	-

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	50 to 60 Hz	22 W	-
929003547220	CorePro LEDtube 600mm 8.8W 840 T8 AU 1CT	-	8.8 W	18 W
929003547320	CorePro LEDtube 600mm 8.8W 865 T8 AU 1CT	-	8.8 W	18 W
929003547420	CorePro LEDtube 1500mm 22W 840 T8AU1CT	-	22 W	58 W
929003547520	CorePro LEDtube 1500mm 22W 865 T8AU1CT	-	22 W	58 W

Temperature

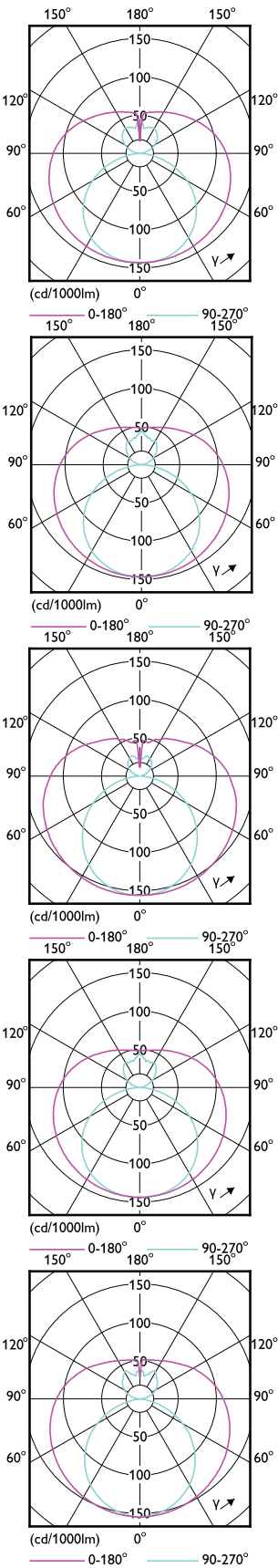
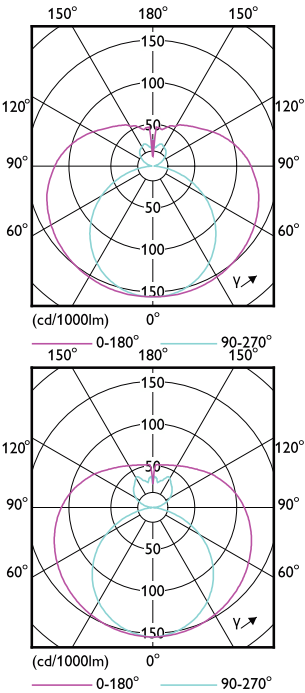
Order Code	Full Product Name	T-Case Maximum
		(Nom)
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	60 °C
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	60 °C
929003519720	CorePro LEDtube 1200mm 17W 840 T8 AU 1CT	60 °C
929003519820	CorePro LEDtube 1200mm 17W 865 T8 AU 1CT	60 °C
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	50 °C

Order Code	Full Product Name	T-Case Maximum
		(Nom)
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	50 °C
929003547220	CorePro LEDtube 600mm 8.8W 840 T8 AU 1CT	50 °C
929003547320	CorePro LEDtube 600mm 8.8W 865 T8 AU 1CT	50 °C
929003547420	CorePro LEDtube 1500mm 22W 840 T8AU1CT	60 °C
929003547520	CorePro LEDtube 1500mm 22W 865 T8AU1CT	60 °C

Approval and Application

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Order Code	Full Product Name	Ambient temperature range	Energy
			Consumption kWh/1000 h
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	-20 to +45 °C	24 kWh
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	-20 to +45 °C	24 kWh
929003519720	CorePro LEDtube 1200mm 17W 840 T8 AU 1CT	-20 to +45 °C	-
929003519820	CorePro LEDtube 1200mm 17W 865 T8 AU 1CT	-20 to +45 °C	-
929003520419	CorePro LEDtube 1200mm 17.6W 865 T8 AU	-20 °C to 45 °C	-
929003520619	CorePro LEDtube 1500mm 22W 865 T8 AU	-20 °C to 45 °C	-
929003547220	CorePro LEDtube 600mm 8.8W 840 T8 AU 1CT	-20 to +45 °C	-
929003547320	CorePro LEDtube 600mm 8.8W 865 T8 AU 1CT	-20 to +45 °C	-
929003547420	CorePro LEDtube 1500mm 22W 840 T8AU1CT	-20 to +45 °C	-
929003547520	CorePro LEDtube 1500mm 22W 865 T8AU1CT	-20 to +45 °C	-



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