



# Essential LEDtube -Affordable LED solution

## **Essential LEDtube**

Essential LEDtube is an affordable LED tube that is 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**

- Reduced electricity costs thanks to significant energy savings
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- Longer lifetime minimizes re-lamping for reduced maintenance costs
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- $\cdot$  A better choice for the environment no mercury
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#### **Features**

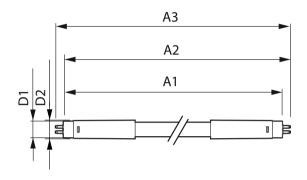
- · Affordable LED replacement for T8 fluorescent lamps
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- Energy consumption less than half that of normal fluorescent lamps
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- $\cdot$  25,000 hours lifetime, double that of normal fluorescent lamps
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- · No mercury; glass-free tube no breakage concerns
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# **Essential LEDtube**

## **Application**

- · Retail, offices
- · Retail, offices
- Industry, warehouses, public places, schools, hospitals, car parks
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### Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W840 G5 I APR	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
CorePro LEDtube 1200mm 16W865 G5 I APR	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
CorePro LEDtube 600mm 8W840 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
CorePro LEDtube 600mm 8W865 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

General Information	
Cap-Base	G5
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	200 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Ambient temperature range	-20 °C to 45 °C

### **Light Technical**

		Correlated Color		
Order Code	Full Product Name	Temperature (Nom)	Color Code	Luminous Flux
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	4000 K	840	1,050 lm
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	6500 K	865	1,050 lm
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	4000 K	840	2,100 lm
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	6500 K	865	2,100 lm

### Operating and Electrical

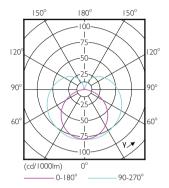
### **Essential LEDtube**

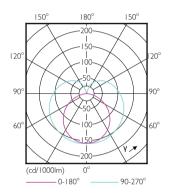
Order Code	Full Product Name	Power Consumption
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	8 W
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	8 W

Order Code	Full Product Name	Power Consumption
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	16 W
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	16 W

#### **Approval and Application**

CorePro LEDtube 600mm 8W840 G5   8 kWh APR			
929001380708 CorePro LEDtube 600mm 8W840 G5 I 8 kWh  APR  929001380808 CorePro LEDtube 600mm 8W865 G5 I 8 kWh  APR  929001381008 CorePro LEDtube 1200mm 16W840 G5 I 16 kWh  APR  929001381108 CorePro LEDtube 1200mm 16W865 G5 I 16 kWh			Energy Consumption kWh/
APR  929001380808 CorePro LEDtube 600mm 8W865 G5 I 8 kWh  APR  929001381008 CorePro LEDtube 1200mm 16W840 G5 I 16 kWh  APR  929001381108 CorePro LEDtube 1200mm 16W865 G5 I 16 kWh	Order Code	Full Product Name	1000 h
APR 929001381008 CorePro LEDtube 1200mm 16W840 G5 I 16 kWh APR 929001381108 CorePro LEDtube 1200mm 16W865 G5 I 16 kWh	929001380708		8 kWh
APR  929001381108 CorePro LEDtube 1200mm 16W865 G5 I 16 kWh	929001380808		8 kWh
	929001381008		16 kWh
	929001381108		16 kWh







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