



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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- A better choice for the environment – no mercury
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Features

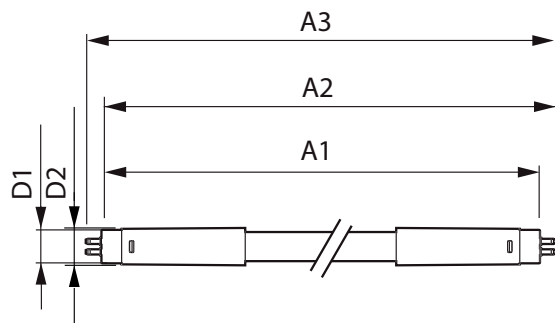
- Affordable LED replacement for T8 fluorescent lamps
- Affordable LED replacement for T8 fluorescent lamps
- Energy consumption less than half that of normal fluorescent lamps
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- 25,000 hours lifetime, double that of normal fluorescent lamps
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- No mercury; glass-free tube – no breakage concerns
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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 (Nom)	70 %

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
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Shape	T5
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Approval and Application

Ambient temperature range	-20 °C to 45 °C
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Light Technical

Order Code	Full Product Name	Correlated Color		
		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

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

