



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
- Longer lifetime minimizes re-lamping for reduced maintenance costs
- A better choice for the environment – no mercury

Features

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

Application

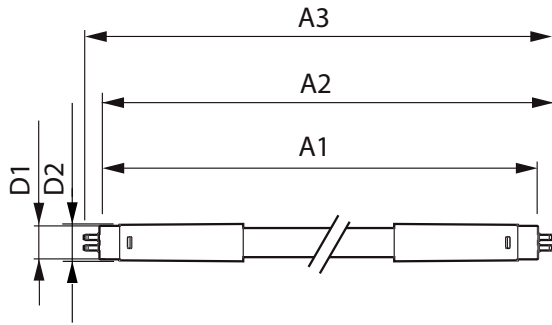
- Retail, offices
- Industry, warehouses, public places, schools, hospitals, car parks

Essential LEDtube

Versions



Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W865 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
CorePro LEDtube 1200mm 16W830 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
CorePro LEDtube 1200mm 16W840 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
CorePro LEDtube 600mm 8W865 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
CorePro LEDtube 600mm 8W830 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
CorePro LEDtube 600mm 8W840 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

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Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

General Information

Nominal Lifetime (Nom)	30000 h
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Light Technical

Colour Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and Housing

Bulb Shape	Tube, double-ended
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Temperature

T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	8 kWh
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	8 kWh
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	8 kWh
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	16 kWh
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	16 kWh
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	16 kWh
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	18 kWh

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	100-240 V	8 W
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	100-240 V	8 W
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	100-240 V	8 W
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	100-240 V	16 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	100-240 V	16 W
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	100-240 V	16 W
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	220-240 V	18 W

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	G5	50,000X
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	G5	50,000X
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	G5	50,000X
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	G5	50,000X

Order Code	Full Product Name	Cap-Base	Switching Cycle
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	G5	50,000X
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	G5	50,000X
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	G13	200,000X

Light Technical

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Order Code	Full Product Name	Beam		Correlated Colour		Luminous Flux (Nom)
		Angle (Nom)	Colour Code	Temperature (Nom)	Temperature (Nom)	
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	200 °	830	3000 K	3000 K	1000 lm
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	200 °	840	4000 K	4000 K	1050 lm
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	200 °	865	6500 K	6500 K	1050 lm
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	200 °	830	3000 K	3000 K	2000 lm

Order Code	Full Product Name	Beam		Correlated Colour		Luminous Flux (Nom)
		Angle (Nom)	Colour Code	Temperature (Nom)	Temperature (Nom)	
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	200 °	840	4000 K	4000 K	2100 lm
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	200 °	865	6500 K	6500 K	2100 lm
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	240 °	865	6500 K	6500 K	2100 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	70 °C
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	70 °C
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	70 °C
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	70 °C
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	70 °C
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	70 °C
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	65 °C

