



The new generation of energy saving and affordable T5 Mains tube lighting

Essential LED tubes T5 Mains

The Essential LEDtube T5 is an affordable LED solution suitable for replacing T5 fluorescent lamps. Thanks to a unique design, Philips Essential LED tube T5 Mains can be directly installed in luminaires operating on mains power connection. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Benefits

- Up to 50% energy saving compared with conventional fluorescent systems
- Easy installation: retrofit replacement of existing T5 lamps improving the quality of light
- Lower maintenance costs

Features

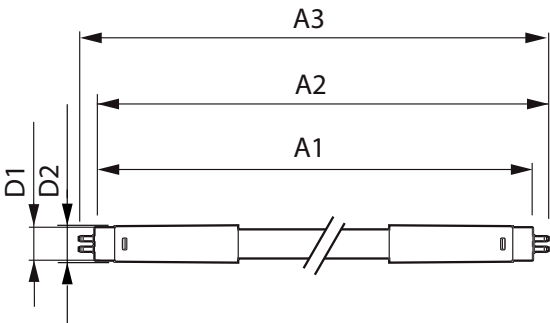
- Retrofit solution with Long lifetime of 25.000hs
- Excellent quality of light with CRI >80
- High power factor >0,9
- Instant on, no flicker or buzz

Application

- Office, Shop, Education, Retail
- Industrial facilities and warehouses

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Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W830 G5 I MX	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
CorePro LEDtube 1200mm 16W840 G5 I MX	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
CorePro LEDtube 1200mm 16W865 G5 I MX	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
CorePro LEDtube 600mm 8W830 G5 I MX	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
CorePro LEDtube 600mm 8W840 G5 I MX	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
CorePro LEDtube 600mm 8W865 G5 I MX	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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Ambient temperature range	-20 °C to 45 °C

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929001275212	CorePro LEDtube 1200mm 16W840 G5 I MX	4000 K	840	1,850 lm
929001275312	CorePro LEDtube 1200mm 16W865 G5 I MX	6500 K	865	1,850 lm
929001275412	CorePro LEDtube 600mm 8W840 G5 I MX	4000 K	840	900 lm
929001275512	CorePro LEDtube 600mm 8W865 G5 I MX	6500 K	865	900 lm
929001380612	CorePro LEDtube 600mm 8W830 G5 I MX	3000 K	830	1,000 lm
929001380912	CorePro LEDtube 1200mm 16W830 G5 I MX	3000 K	830	2,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001275212	CorePro LEDtube 1200mm 16W840 G5 I MX	16 W
929001275312	CorePro LEDtube 1200mm 16W865 G5 I MX	16 W
929001275412	CorePro LEDtube 600mm 8W840 G5 I MX	8 W
929001275512	CorePro LEDtube 600mm 8W865 G5 I MX	8 W

Order Code	Full Product Name	Power Consumption
929001380612	CorePro LEDtube 600mm 8W830 G5 I MX	8 W
929001380912	CorePro LEDtube 1200mm 16W830 G5 I MX	16 W

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