PHILIPS

# **PHILIPS** Lighting

# Essential LED tubes T5 Mains

## CorePro LEDtube 600mm 8W865 G5 I MX

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.

#### **Product data**

General Information				
Cap-Base	G5 [G5]			
Nominal lifetime	30,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	865 [CCT of 6500K]			
Beam Angle (Nom)	200 degree(s)			
Luminous Flux	900 lm			
Color Designation	Cool Daylight			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	112.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Frequency	50 to 60 Hz			

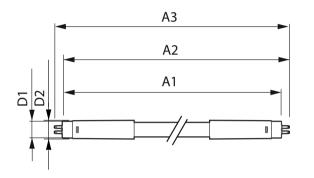
Input Frequency	50 to 60 Hz				
Power Consumption	8 W				
Lamp Current (Max)	75 mA				
Lamp Current (Min)	30 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.92				
Voltage (Nom)	100-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	70 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Material	Glass				
Product Length	600 mm				

### **Essential LED tubes T5 Mains**

Bulb Shape	Т5				
Approval and Application					
Energy Saving Product	Yes				
Approval Marks	CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	- kWh				
Product Data					
Order product name	CorePro LEDtube 600mm 8W865 G5 I MX				

Full product name	CorePro LEDtube 600mm 8W865 G5 I MX				
Full product code	871869666758300				
Order code	929001275512				
Material Nr. (12NC)	929001275512				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696667583				
Numerator - Packs per outer box	20				
EAN/UPC - Case	8718696667590				

#### **Dimensional drawing**



Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W865 G5 I	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MX					



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