



# Essential LED tubes T5 Mains

## ESSENTIAL 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

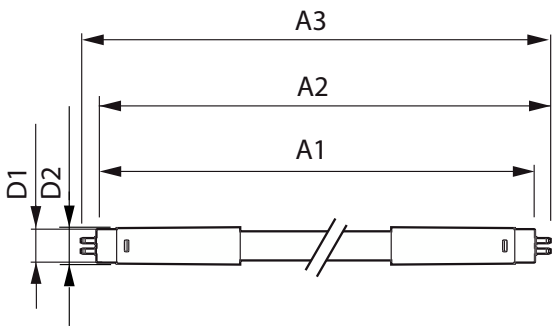
General Information		Input Frequency	
Cap-Base	G5 [G5]	Power Consumption	8 W
Nominal lifetime	30,000 hour(s)	Lamp Current (Max)	75 mA
Switching Cycle	50,000	Lamp Current (Min)	30 mA
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.92
Color Code	865 [CCT of 6500K]	Voltage (Nom)	100-240 V
Beam Angle (Nom)	200 degree(s)	Temperature	
Luminous Flux	900 lm	Ambient temperature range	-4 °F to 113 °F
Color Designation	Cool Daylight	T-Case Maximum (Nom)	158 °F
Correlated Color Temperature (Nom)	6500 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	112.00 lm/W	Dimmable	No
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Material	Glass
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	23-5/8 inch
Operating and Electrical			
Line Frequency	50 to 60 Hz		

Essential LED tubes T5 Mains

Bulb Shape	T5
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	ESSENTIAL LEDtube 600mm 8W865 G5 I MX
Full product code	871869666758300
Order code	345728
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 MX	5/8 inch	3/4 inch	21-5/8 inch	21-15/16 inch	22-3/16 inch

