PHILIPS

PHILIPS Lighting

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				
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			

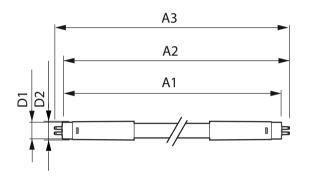
Input Frequency	50 to 60 Hz		
Power Consumption	8 W		
Lamp Current (Max)	75 mA		
Lamp Current (Min)	30 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.92		
Voltage (Nom)	100-240 V		
Temperature			
Ambient temperature range	-4 °F to 113 °F		
T-Case Maximum (Nom)	158 °F		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Material	Glass		
Product Length	23-5/8 inch		

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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	ESSENTIAL LEDtube 600mm 8W865 G5 I M>			
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	5/8 inch	3/4 inch	21-5/8 inch	21-15/16 inch	22-3/16 inch
8W865 G5 I MX					



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