



Essential LED tubes T5 Mains

ESSENTIAL LEDtube 1200mm 16W830 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

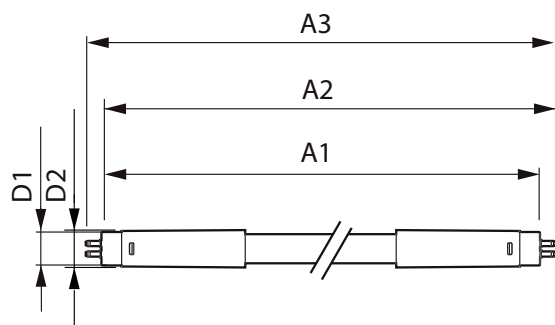
General Information		Starting Time (Nom)		0.5 s
Cap-Base	G5 [G5]	Warm Up Time to 60% Light (Nom)		0.5 s
Nominal Lifetime (Nom)	30000 h	Power Factor (Nom)		0.92
Switching Cycle	50000X	Voltage (Nom)		100-240 V
B50L70	30000 h			
Light Technical		Temperature		
Color Code	830 [CCT of 3000K]	T-Ambient (Max)		45 °C
Luminous Flux (Nom)	2000 lm	T-Ambient (Min)		-20 °C
Luminous Flux (Rated) (Nom)	2000 lm	T-Storage (Max)		65 °C
Correlated Color Temperature (Nom)	3000 K	T-Storage (Min)		-40 °C
Color Consistency	<6	T-Case Maximum (Nom)		70 °C
Color Rendering Index (Nom)	80			
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and Dimming		
Operating and Electrical		Dimmable		No
Input Frequency	50 to 60 Hz	Mechanical and Housing		
Power (Rated) (Nom)	16 W	Product Length		1200 mm
Lamp Current (Max)	175 mA	Approval and Application		
Lamp Current (Min)	70 mA	Energy Efficiency Label (EEL)		A+

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Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Product Data	
Full product code	871869673416200
Order product name	ESSENTIAL LEDtube 1200mm 16W830 G5 I MX
EAN/UPC - Product	8718696734162

Order code	929001380912
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001380912
Net Weight (Piece)	0.180 kg

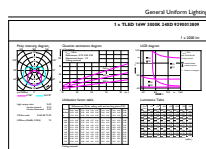
Dimensional drawing



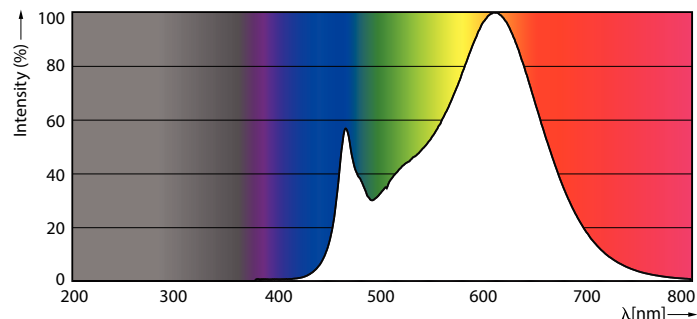
TLED 1200mm 100-240V 16-28W 3000K

Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm 16W830 G5 I MX	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

Photometric data

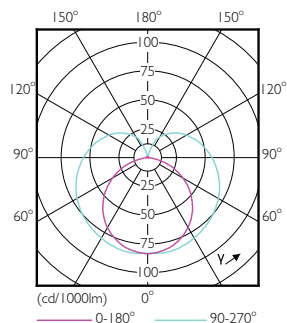


General Uniformity Lighting



ESSENTIAL LEDtube 16W G5 830 APR

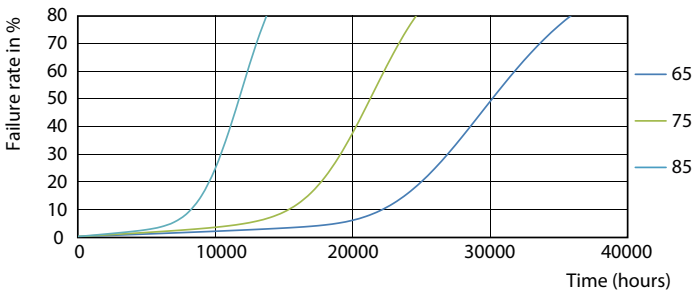
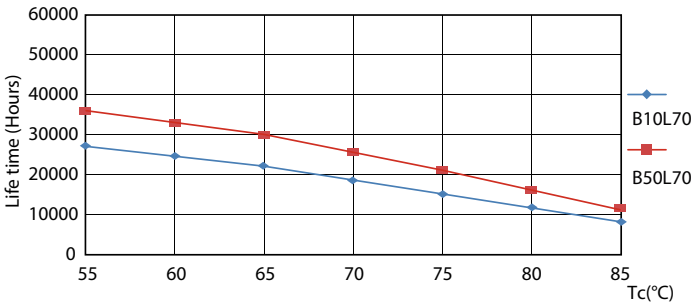
ESSENTIAL LEDtube 16W G5 830 APR



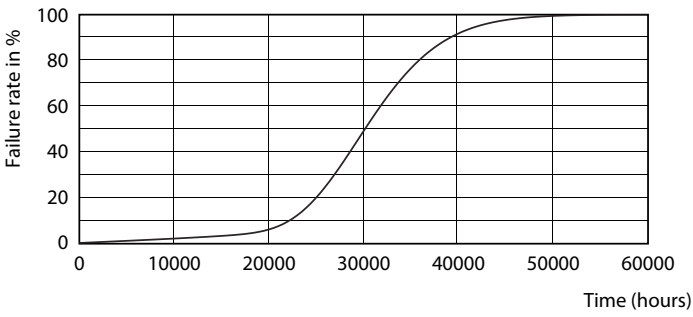
ESSENTIAL LEDtube 16W G5 830 APR

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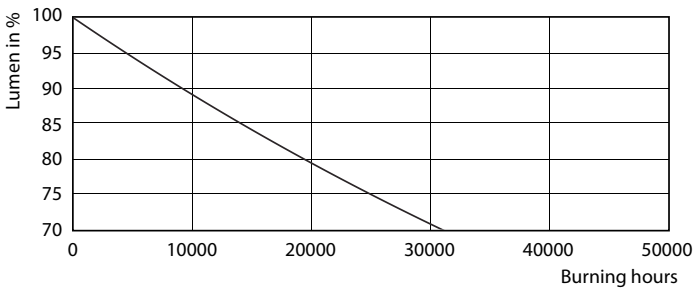
Lifetime



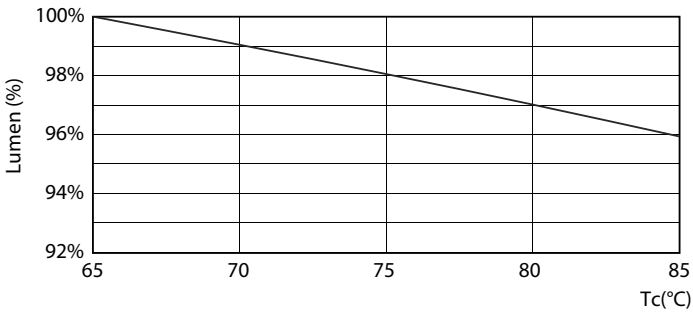
ESSENTIAL LEDtube 8-16W G5 830-865 APR



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