



# Essential LED tubes T5 Mains

## CorePro 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	
Cap-Base	G5 [ G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
Light Technical	
Color Code	830 [ CCT of 3000K]
Beam Angle (Nom)	200 °
Luminous Flux (Nom)	2000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	115.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	16 W

Lamp Current (Max)	175 mA
Lamp Current (Min)	70 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.92
Voltage (Nom)	100-240 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm

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## Approval and Application

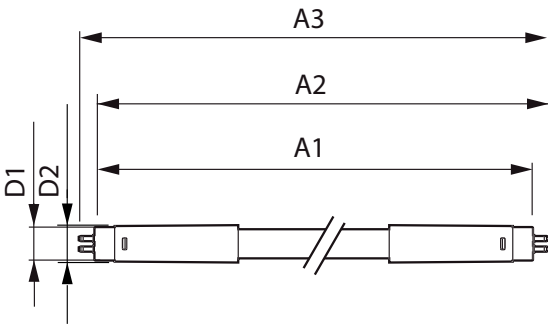
Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	- kWh

## Product Data

Full product code	871869673416200
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Order product name	CorePro 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)	0.160 kg

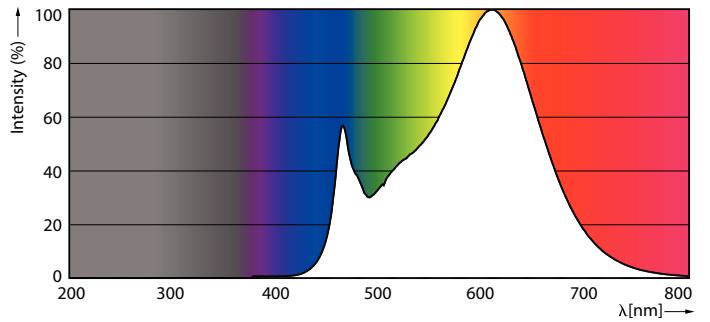
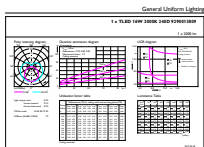
## Dimensional drawing



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

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

## Photometric data

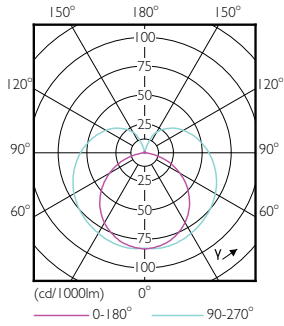


ESSENTIAL LEDtube 16W G5 830 APR

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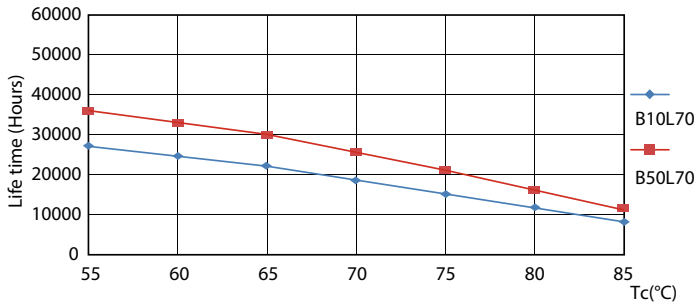
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## Photometric data

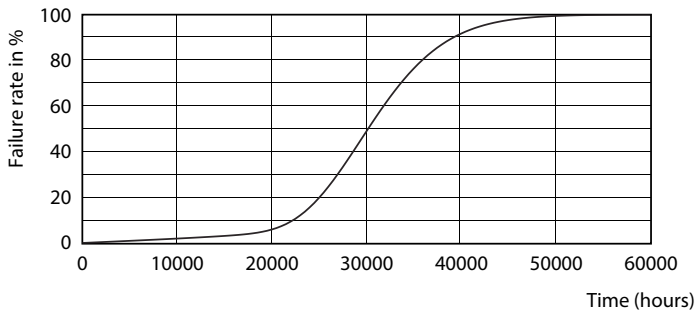


ESSENTIAL LEDtube 16W G5 830 APR

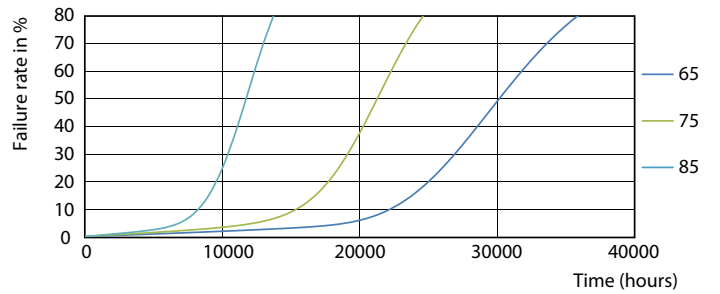
## Lifetime



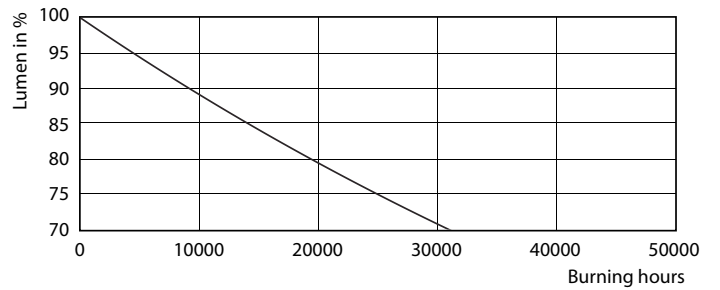
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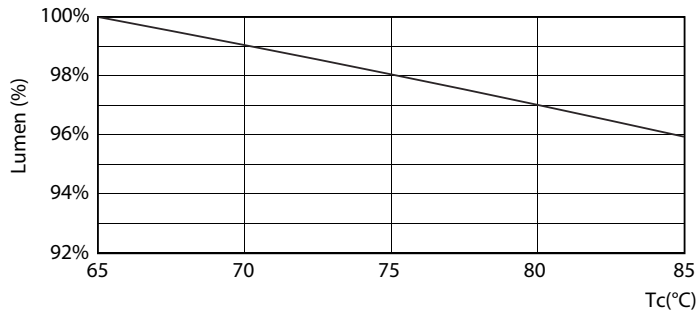
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### Lifetime



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