



# Essential LEDtube

## CorePro LEDtube 1200mm 16W830 G5 I APR

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. 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		Lamp Current (Min)	
Cap-Base	G5		77 mA
Nominal lifetime	30,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.92
EU RoHS compliant	Yes	Voltage (Nom)	100-240 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	200 degree(s)	T-Case Maximum (Nom)	70 °C
Luminous Flux	2,000 lm	Controls and Dimming	
Color Designation	White (WH)	Dimmable	No
Correlated Color Temperature (Nom)	3000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	125.00 lm/W	Product Length	1,200 mm
Color Consistency	<6	Bulb Shape	T5
Color rendering index (CRI)	80	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Saving Product	Yes
Operating and Electrical		Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Line Frequency	50 to 60 Hz	Energy Consumption kWh/1000 h	16 kWh
Input Frequency	50 to 60 Hz		
Power Consumption	16 W		
Lamp Current (Max)	177 mA		

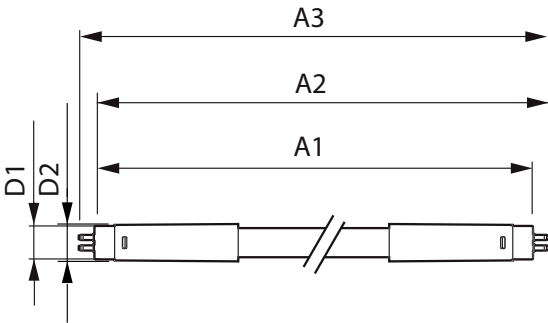
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## Product Data

Order product name	CorePro LEDtube 1200mm 16W830 G5 I APR
Full product name	CorePro LEDtube 1200mm 16W830 G5 I APR
Full product code	871869673202100
Order code	929001380908
Material Nr. (12NC)	929001380908

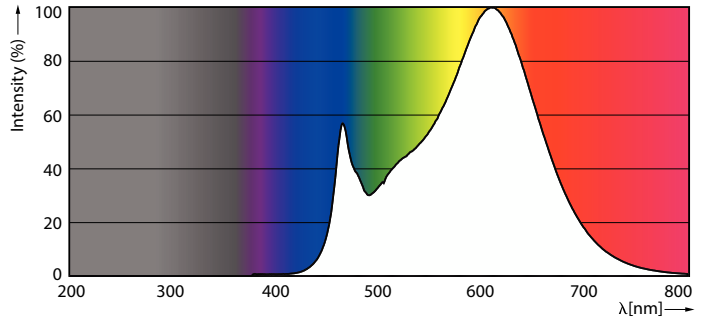
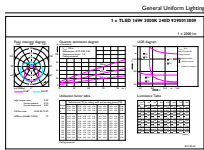
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696732021
Numerator - Packs per outer box	20
EAN/UPC - Case	8718696732038

## Dimensional drawing



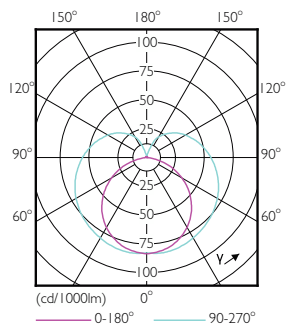
Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W830 G5 I APR	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm

## Photometric data



General uniform lighting - CorePro LEDtube 1200mm 16W830 G5 I APR

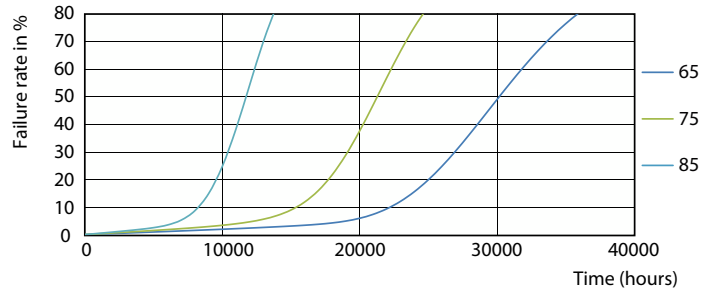
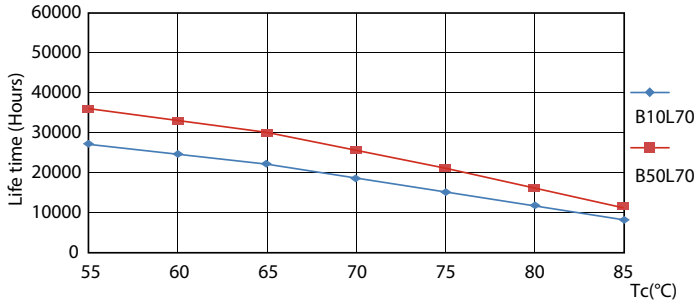
Spectral Power Distribution Colour - CorePro LEDtube 1200mm 16W830 G5 I APR



Light Distribution Diagram - CorePro LEDtube 1200mm 16W830 G5 I APR

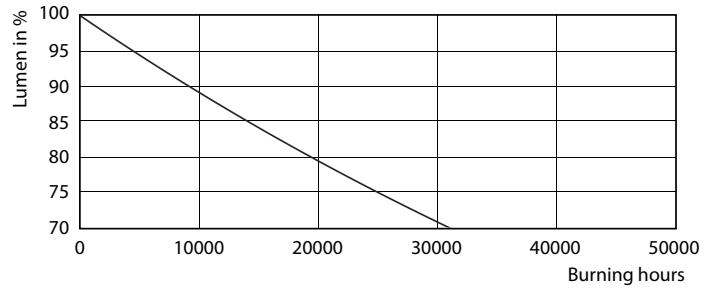
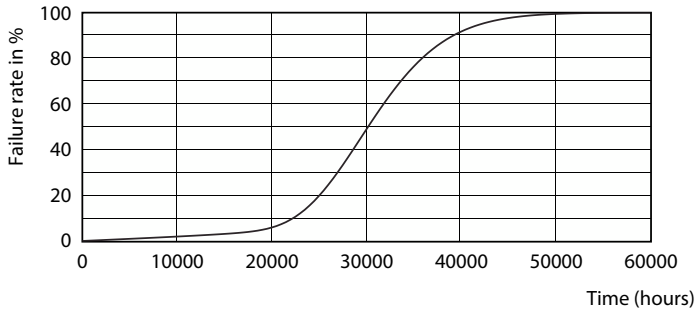
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## Lifetime



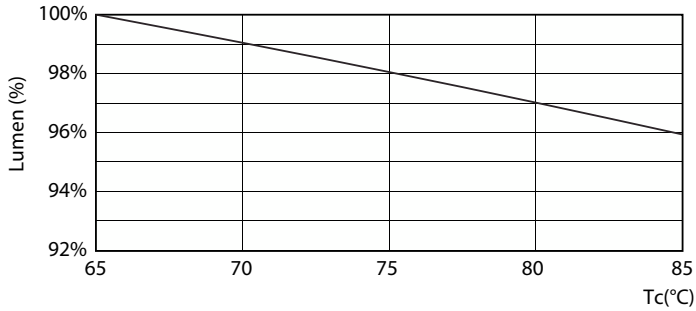
Life Expectancy Diagram - CorePro LEDtube 1200mm 16W830 G5 I APR

Life Expectancy Diagram - CorePro LEDtube 1200mm 16W830 G5 I APR



Life Expectancy Diagram - CorePro LEDtube 1200mm 16W830 G5 I APR

Lumen Maintenance Diagram - CorePro LEDtube 1200mm 16W830 G5 I APR



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