



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

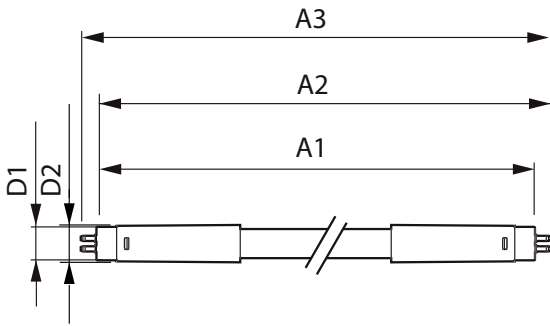
Operating and Electrical		Color rendering index (CRI)		80
Line Frequency	50 to 60 Hz	LLMF At End Of Nominal Lifetime (Nom)		70 %
Input Frequency	50 to 60 Hz	Temperature		
Power Consumption	16 W	Ambient temperature range	-20 °C to 45 °C	
Starting Time (Nom)	0.5 s	T-Case Maximum (Nom)	70 °C	
Warm-up time to 60% light	0.5 s	Controls and Dimming		
Power Factor (Fraction)	0.92	Dimmable	No	
Voltage (Nom)	100-240 V	Mechanical and Housing		
General Information		Product Length	1,200 mm	
Cap-Base	G5 [G5]	Bulb Shape	Tube, double-ended	
Nominal lifetime	30,000 hour(s)	Approval and Application		
Switching Cycle	50,000	Energy Saving Product	Yes	
Lighting Technology	LED	Approval Marks	CE marking RoHS compliance KEMA Keur certificate	
Light Technical		Energy Consumption kWh/1000 h	16 kWh	
Color Code	830 [CCT of 3000K]	EU RoHS compliant	Yes	
Beam Angle (Nom)	200 degree(s)	Product Data		
Luminous Flux	2,000 lumen	Full product code	871869673202100	
Color Designation	White (WH)			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	125.00 lm/W			
Color Consistency	<6			

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Order product name	CorePro LEDtube 1200mm 16W830 G5 I APR
Order code	73202100
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929001380908

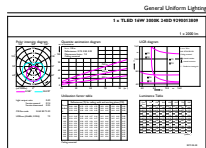
Full product name	CorePro LEDtube 1200mm 16W830 G5 I APR
EAN/UPC - Case	8718696732038

Dimensional drawing

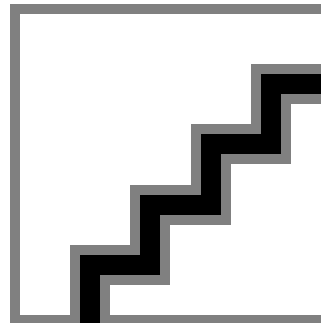


Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W830 G5 I APR	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm

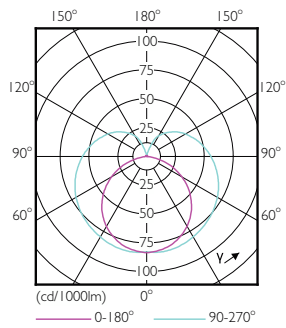
Photometric data



General Information E1 Photo Lighting E1 Page 117



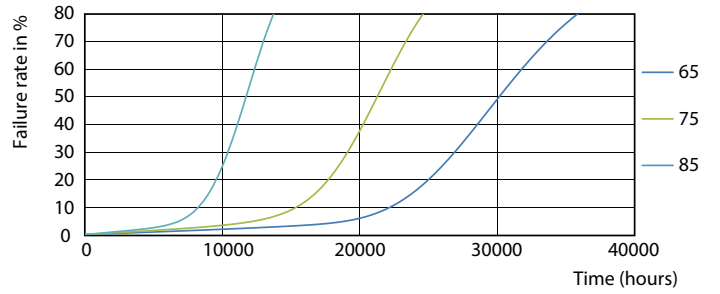
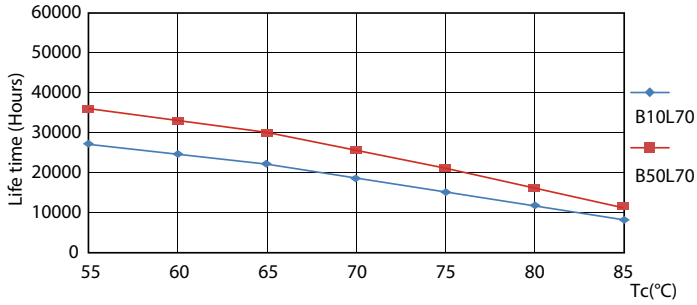
Spectral Power Distribution Colour - CorePro LEDtube 1200mm 16W830 G5 I APR



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

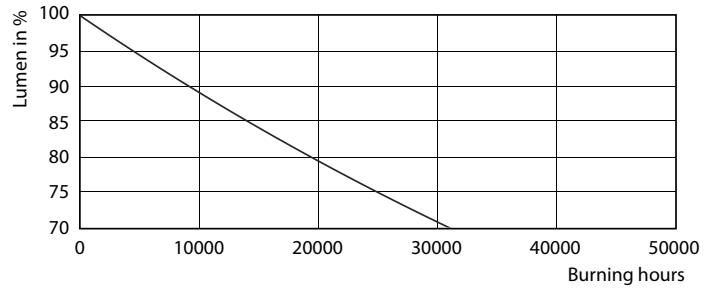
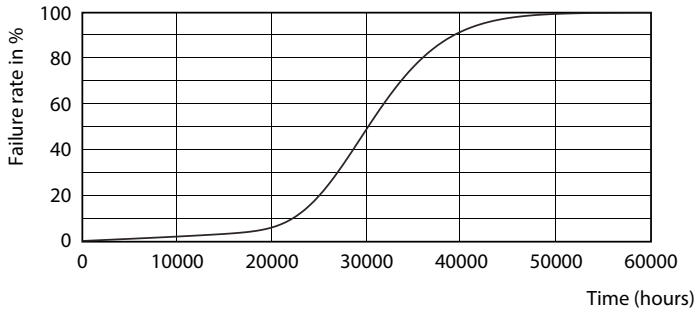
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Lifetime



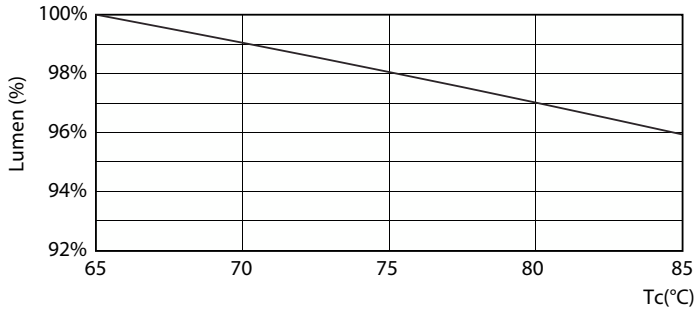
Life Expectancy Diagram - CorePro LEDtube 1200mm 16W830 G5 I APR

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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