



CorePro LED tube Mains T5

CorePro LEDtube 1200mm 16W830 G5 I BR

CorePro, LEDtube, T5, Mains only, 1200 mm, 100-240 V, 16 W, 28W TL5 HE, 3000 K, 1850 lm, 25000 hour(s)

The professional LEDtube MainsFit is a better LED solution suitable for replacing T5 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	
Cap-Base	G5
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Warranty period	3 years
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,850 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 (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	16 W
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
LED alternative to fluorescent lamp power	28W TL5 HE
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	70 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Product Length	1,200 mm
Bulb Shape	T5
Net Weight (Piece)	0.124 kg

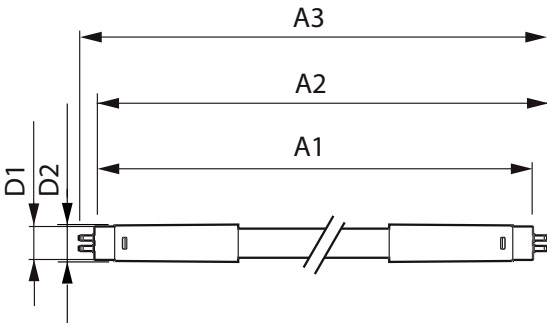
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Product Data

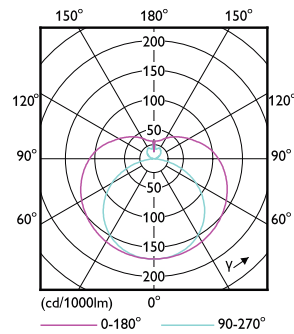
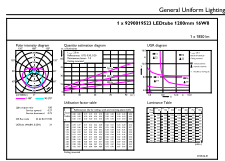
Order product name	CorePro LEDtube 1200mm 16W830 G5 I BR
Full product name	CorePro LEDtube 1200mm 16W830 G5 I BR
Full product code	871869675049000
Order code	929001952372
Material Nr. (12NC)	929001952372
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696750490
Numerator - Packs per outer box	20
EAN/UPC - Case	8718696750506

Dimensional drawing



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

Photometric data

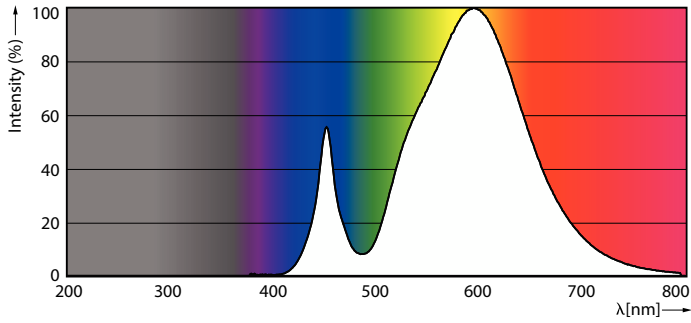


General uniform lighting - CorePro LEDtube 1200mm 16W830 G5 I BR

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

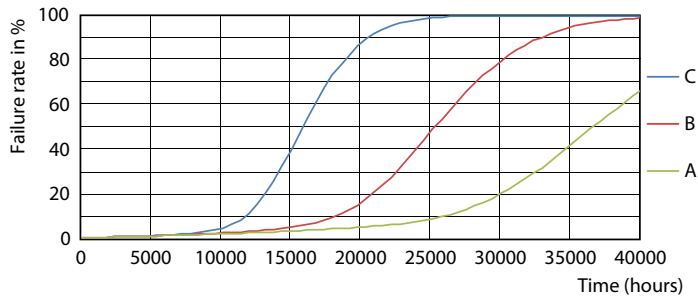
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Photometric data

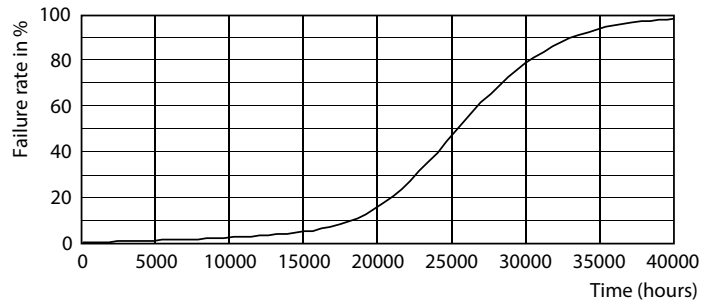


Spectral Power Distribution Colour - CorePro LEDtube 1200mm 16W830 G5 I BR

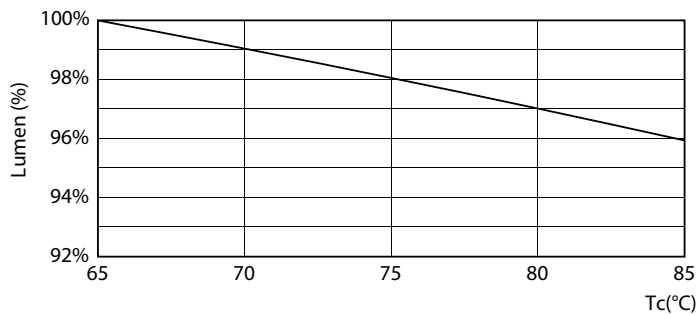
Lifetime



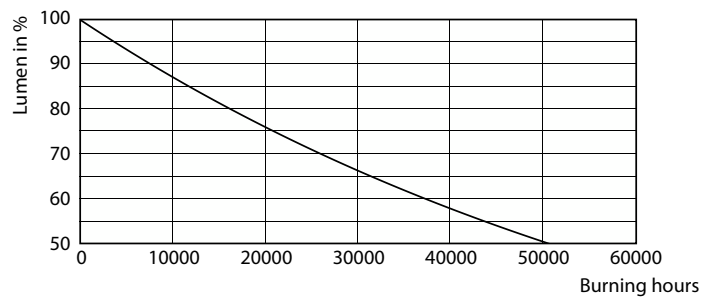
LEDtube 25K FailureRate



Life Expectancy Diagram



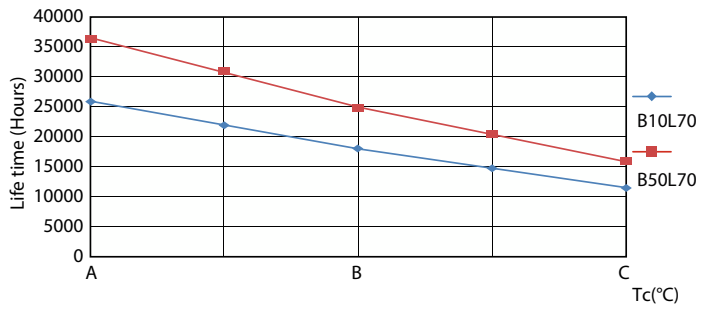
Lumen Maintenance Diagram - CorePro LEDtube 1200mm 16W830 G5 I BR



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Lifetime



LEDtube 25K LifetimeVsTc

