



CorePro LED tube EM/ Mains T8

CorePro LEDtube 1200mm 18W 5CCT T8 AU

LED, Tube, double-ended, 18 W, 2700 K, 3000 K, 4000 K, 5000 K, 6500 K, 2000 lm, 2200 lm, 50000 hour(s)

The CorePro LEDtube is an affordable LED solution 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.

Warnings and Safety

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Product data

General Information	
Cap-Base	G13
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
Light Technical	
Color Code	2700K/3000K/4000K/5000K/6500K
Beam Angle (Nom)	190 degree(s)
Luminous Flux	2,000 2,200 lm
Color Designation	2700K/3000K/4000K/5000K/6500K
Correlated Color Temperature (Nom)	2700 3000 4000 5000 6500 K
Luminous Efficacy (rated) (Nom)	361 lm/W
Color Consistency	<6

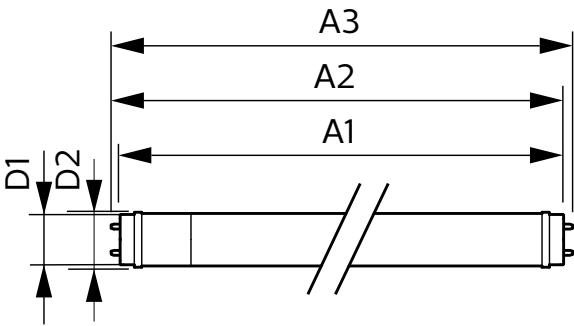
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	18 W
Lamp Current (Nom)	95 mA
Wattage Equivalent	36 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

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Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	Tube, double-ended
Net Weight (Piece)	0.162 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance

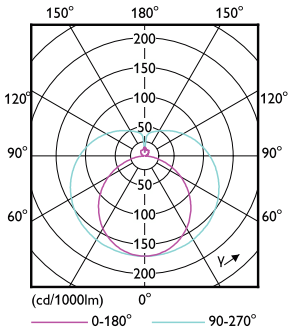
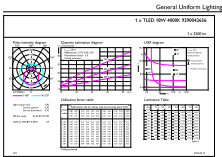
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Product Data	
Order product name	CorePro LEDtube 1200mm 18W 5CCT T8 AU
Full product name	CorePro LEDtube 1200mm 18W 5CCT T8 AU
Full product code	872110304645100
Order code	929004265619
Material Nr. (12NC)	929004265619
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103046451
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103046468

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 18W 5CCT T8 AU	25.7 mm	26.6 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm

Photometric data

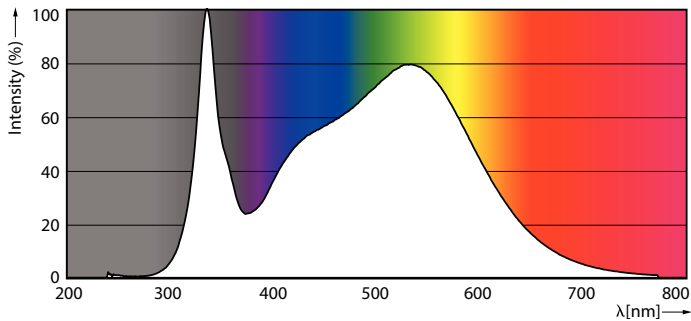


General uniform lighting - CorePro LEDtube 1200mm 18W 5CCT T8 AU

Light Distribution Diagram - CorePro LEDtube 1200mm 18W 5CCT T8 AU

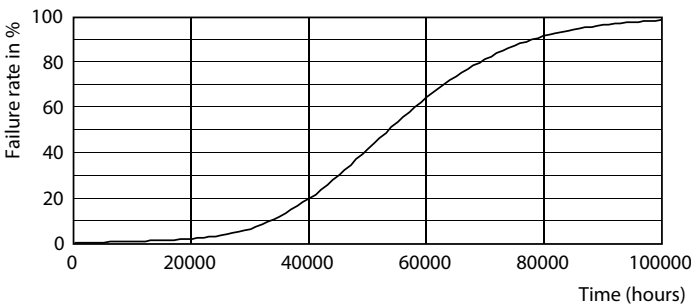
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Photometric data

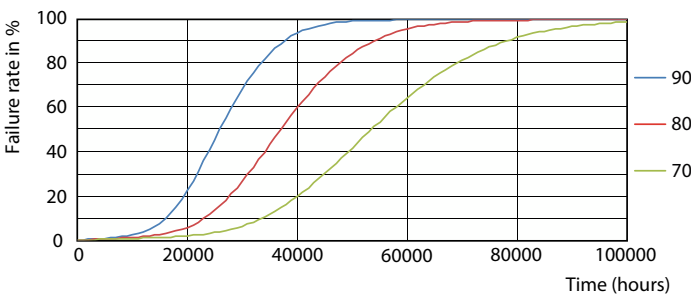


Spectral Power Distribution Colour - CorePro LEDtube 1200mm 18W 5CCT T8 AU

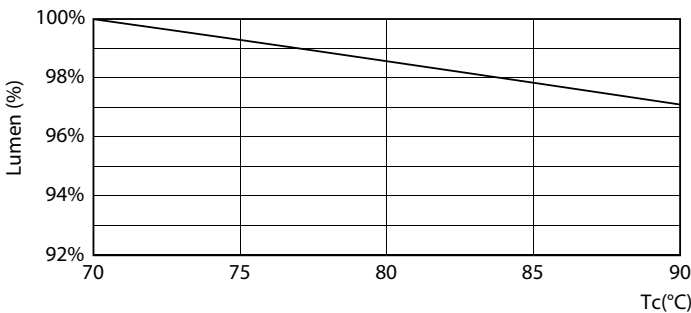
Lifetime



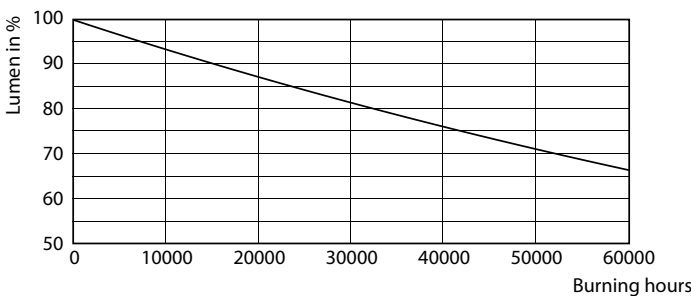
Life Expectancy Diagram



LEDtube 50K 7090 FailureRate-LED



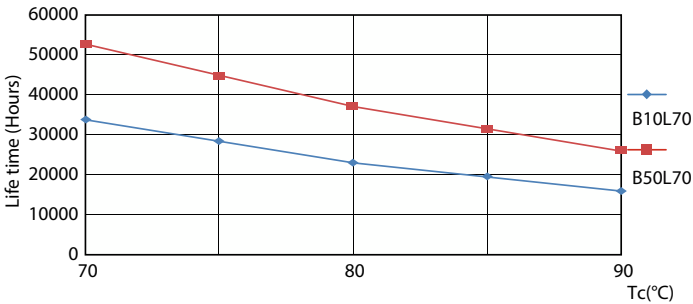
Lumen Maintenance Diagram - CorePro LEDtube 1200mm 18W 5CCT T8 AU



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Lifetime



LifetimeVsTc

