



MASTER LED tube Mains T5

CorePro LEDtube 1200mm HE 18W 840 T5AU

LED, T5, Mains, 18 W, 4000 K, 2500 lm, 60000 hour(s)

The new Philips Master LEDtube Mains T5 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips MASTER LEDtube Mains T5 installs in luminaires operating on mains power connection. So simple to operate! . Perfectly safe, reliable & easy to install Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

Product data

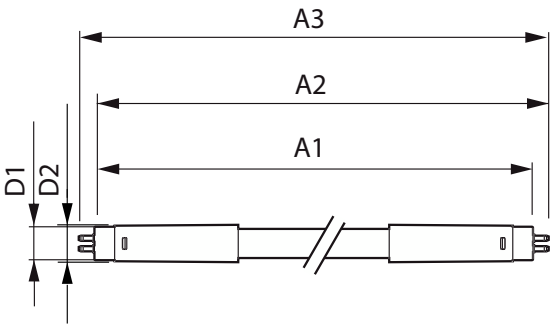
General Information	
Cap-Base	G5
Nominal lifetime	60,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	2,500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	138 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471 RGO	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	18 W
Lamp Current (Nom)	85 mA
Wattage Equivalent	28 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
Ballast Compatibility	Mains

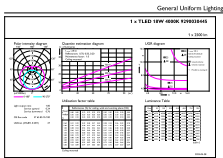
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Temperature	
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T5
Net Weight (Piece)	0.145 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes
EyeComfort	Yes

Dimensional drawing



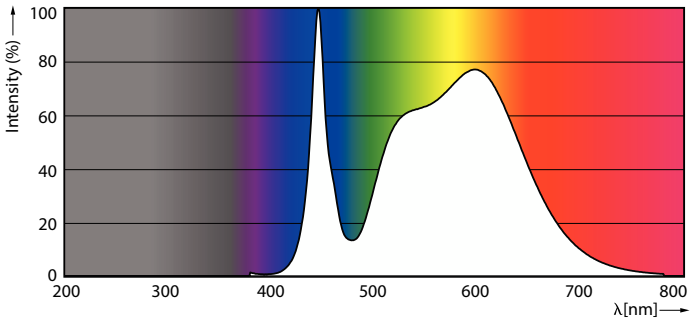
Photometric data



General uniform lighting - CorePro LEDtube 1200mm HE 18W 840 T5AU

LED Innovations	EyeComfort
Ambient temperature range	-20 to +45 °C
Product Data	
Order product name	CorePro LEDtube 1200mm HE 18W 840 T5AU
Full product name	CorePro LEDtube 1200mm HE 18W 840 T5AU
Full product code	872110306375500
Order code	929003044519
Material Nr. (12NC)	929003044519
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103063755
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103063762

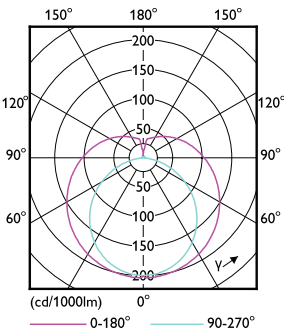
Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm HE 18W 840 T5AU	15.7 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm



Spectral Power Distribution Colour - CorePro LEDtube 1200mm HE 18W 840 T5AU

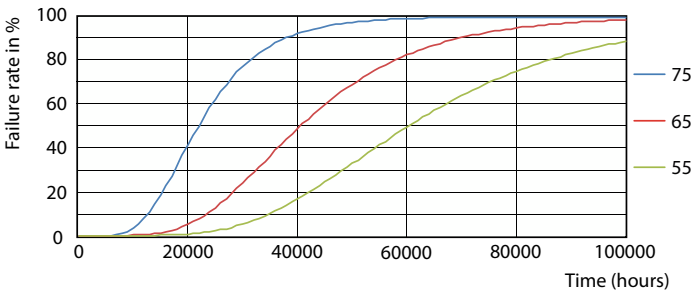
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Photometric data

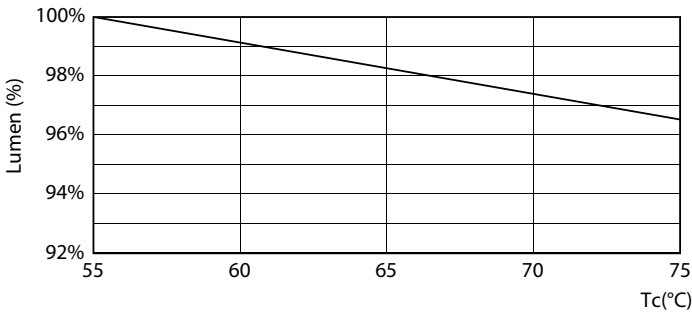


Light Distribution Diagram - CorePro LEDtube 1200mm HE 18W 840 T5AU

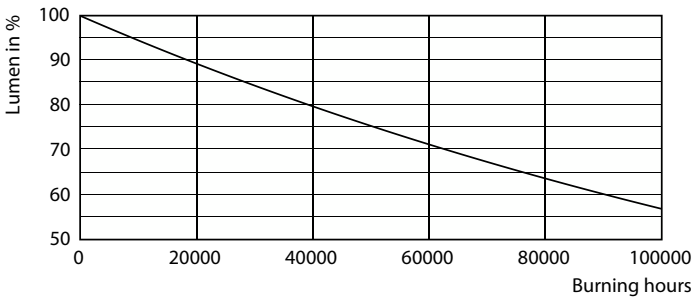
Lifetime



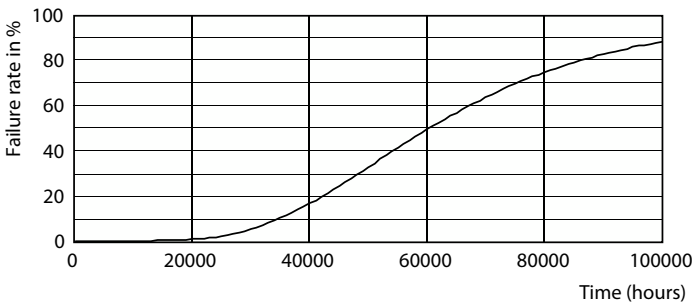
FailureRate



Lumen Maintenance Diagram - CorePro LEDtube 1200mm HE 18W 840 T5AU



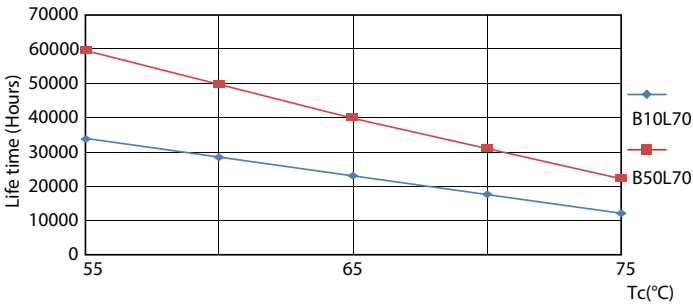
Lumen Maintenance Diagram - CorePro LEDtube 1200mm HE 18W 840 T5AU



Life Expectancy Diagram

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Lifetime



LifetimeVsTc

